

**HYOSUNG TNS**

# MX8200SR

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Error Code Manual

# Revision History

## Table of Contents

Chapter 1. Anti Skimming .....	4
Chapter 2. Barcode .....	10
Chapter 3. Bill Recycling Module .....	11
Chapter 4. Card Reader .....	1373
Chapter 5. CSM60 .....	1377
Chapter 6. Encryption PIN Pad .....	1448
Chapter 7. PNC .....	1470
Chapter 8. Receipt Printer .....	1479
Chapter 9. RF Reader .....	1481
Chapter 10. Shutter .....	1488

## Chapter 1. Anti Skimming

Problem Code	Problem Description	Troubleshooting
186400	Failed check CRC of USB bulk data	Check line of USB communication
186E00	Undefined SubCMD	Check CMD Mi. do not use undefined CMD
186F00	Undefined CMD	Check CMD Mi. do not use undefined CMD
286400	Failed check CRC of USB bulk data	Check line of USB communication
286E00	Undefined SubCMD	Check CMD Mi. do not use undefined CMD
286F00	Undefined CMD	Check CMD Mi. do not use undefined CMD
386400	Failed check CRC of USB bulk data	Check line of USB communication
386E00	Undefined SubCMD	Check CMD Mi. do not use undefined CMD
386F00	Undefined CMD	Check CMD Mi. do not use undefined CMD
3A96100	Set to Unsupported Antiskim mode	Check value of antiskim mode
3A96500	Range over of Antiskim frequency setting	Check range of frequency value for antiskim
3A96600	Range over of Antiskim pulse count setting	Check range of pulse count value for antiskim
3A96700	Range over of Antiskim idle time setting	Check range of idle time value for antiskim
3A96800	Range over of Antiskim duty table count setting	Check range of duty table count value for antiskim
3A96900	Range over of Antiskim duty table value setting	Check range of duty table value for antiskim
3E96100	Range over of Coil high temperature base	Check range of coil high temperature base value
3G96100	Range over of Proximity setting	Check range of proximity setting value
3I23200	Error of Coil High Temperature in Initialize	Check temperature of coil(ex. sensor unplugged) Run Initialize. If error is repeated, need to change device.
3I24200	Error of Coil Low current in Initialize	Check status of coil(ex. Unplugged or open circuit) Run Initialize. If error is repeated, need to change device.
3I24300	Error of Coil High current in Initialize	Check status of coil(ex. short circuit) Run Initialize. If error is repeated, need to change device.
3I26C00	Error of Antiskim control in Initialize	Check config of antiskim. Recover normal setting. Run Initialize. If error is repeated, need to change device.
3I31100	Warning of Proximity detect in Initialize	Check dust or unknown things around of proximity sensor. Run Initialize. If error is repeated, need to change device.
3I31200	Error of Proximity detect in Initialize	Check dust or unknown things around of proximity sensor. Run Initialize. If error is repeated, need to change device.
3P23200	Error of Coil High Temperature.	Check temperature of coil(ex. sensor unplugged) Run Initialize. If error is repeated, need to change device.
3P24200	Error of Coil Low current	Check status of coil(ex. Unplugged or open circuit) Run Initialize. If error is repeated, need to change device.

Problem Code	Problem Description	Troubleshooting
3P24300	Error of Coil High current	Check status of coil(ex. short circuit) Run Initialize. If error is repeated, need to change device.
3P26C00	Error of Antiskim control	Check config of antiskim. Recover normal setting. Run Initialize. If error is repeated, need to change device.
3P31100	Warning of Proximity detect	Check dust or unknown things around of proximity sensor. Run Initialize. If error is repeated, need to change device.
3P31200	Error of Proximity detect	Check dust or unknown things around of proximity sensor. Run Initialize. If error is repeated, need to change device.
3U96200	Failed check CRC of BIN file data for download	Check BIN file for download
3U96300	Wrong sequence of BIN file data index	Check line of USB communication
3U96A00	Size over of BIN file for download	Check BIN file for download
3U96B00	Error of BIN file header	Check BIN file for download
3X86400	Failed check CRC of USB bulk data (CMD MI x)	Check line of USB communication
3X86E00	Undefined SubCMD (CMD MI x)	Check CMD Mi. do not use undefined CMD
3X86F00	Undefined CMD (CMD MI x)	Check CMD Mi. do not use undefined CMD
486400	Failed check CRC of USB bulk data	Check line of USB communication
486E00	Undefined SubCMD	Check CMD Mi. do not use undefined CMD
486F00	Undefined CMD	Check CMD Mi. do not use undefined CMD
586400	Failed check CRC of USB bulk data	Check line of USB communication
586E00	Undefined SubCMD	Check CMD Mi. do not use undefined CMD
586F00	Undefined CMD	Check CMD Mi. do not use undefined CMD
686400	Failed check CRC of USB bulk data	Check line of USB communication
686E00	Undefined SubCMD	Check CMD Mi. do not use undefined CMD
686F00	Undefined CMD	Check CMD Mi. do not use undefined CMD
786400	Failed check CRC of USB bulk data	Check line of USB communication
786E00	Undefined SubCMD	Check CMD Mi. do not use undefined CMD
786F00	Undefined CMD	Check CMD Mi. do not use undefined CMD
886400	Failed check CRC of USB bulk data	Check line of USB communication
886E00	Undefined SubCMD	Check CMD Mi. do not use undefined CMD
886F00	Undefined CMD	Check CMD Mi. do not use undefined CMD
986400	Failed check CRC of USB bulk data	Check line of USB communication
986E00	Undefined SubCMD	Check CMD Mi. do not use undefined CMD
986F00	Undefined CMD	Check CMD Mi. do not use undefined CMD
A86400	Failed check CRC of USB bulk data	Check line of USB communication

Problem Code	Problem Description	Troubleshooting
A86E00	Undefined SubCMD	Check CMD Mi. do not use undefined CMD
A86F00	Undefined CMD	Check CMD Mi. do not use undefined CMD
A96100	Set to Unsupported Antiskim mode	Check value of antiskim mode
A96500	Range over of Antiskim frequency setting	Check range of frequency value for antiskim
A96600	Range over of Antiskim pulse count setting	Check range of pulse count value for antiskim
A96700	Range over of Antiskim idle time setting	Check range of idle time value for antiskim
A96800	Range over of Antiskim duty table count setting	Check range of duty table count value for antiskim
A96900	Range over of Antiskim duty table value setting	Check range of duty table value for antiskim
B86400	Failed check CRC of USB bulk data	Check line of USB communication
B86E00	Undefined SubCMD	Check CMD Mi. do not use undefined CMD
B86F00	Undefined CMD	Check CMD Mi. do not use undefined CMD
C86400	Failed check CRC of USB bulk data	Check line of USB communication
C86E00	Undefined SubCMD	Check CMD Mi. do not use undefined CMD
C86F00	Undefined CMD	Check CMD Mi. do not use undefined CMD
D86400	Failed check CRC of USB bulk data	Check line of USB communication
D86E00	Undefined SubCMD	Check CMD Mi. do not use undefined CMD
D86F00	Undefined CMD	Check CMD Mi. do not use undefined CMD
E86400	Failed check CRC of USB bulk data	Check line of USB communication
E86E00	Undefined SubCMD	Check CMD Mi. do not use undefined CMD
E86F00	Undefined CMD	Check CMD Mi. do not use undefined CMD
E96100	Range over of Coil high temperature base	Check range of coil high temperature base value
F86400	Failed check CRC of USB bulk data	Check line of USB communication
F86E00	Undefined SubCMD	Check CMD Mi. do not use undefined CMD
F86F00	Undefined CMD	Check CMD Mi. do not use undefined CMD
G86400	Failed check CRC of USB bulk data	Check line of USB communication
G86E00	Undefined SubCMD	Check CMD Mi. do not use undefined CMD
G86F00	Undefined CMD	Check CMD Mi. do not use undefined CMD
G96100	Range over of Proximity setting	Check range of proximity setting value
H86400	Failed check CRC of USB bulk data	Check line of USB communication
H86E00	Undefined SubCMD	Check CMD Mi. do not use undefined CMD
H86F00	Undefined CMD	Check CMD Mi. do not use undefined CMD
I23200	Error of Coil High Temperature in Initialize	Check temperature of coil(ex. sensor unplugged) Run Initialize. If error is repeated, need to change device.

Problem Code	Problem Description	Troubleshooting
I24200	Error of Coil Low current in Initialize	Check status of coil(ex. Unplugged or open circuit) Run Initialize. If error is repeated, need to change device.
I24300	Error of Coil High current in Initialize	Check status of coil(ex. short circuit) Run Initialize. If error is repeated, need to change device.
I26C00	Error of Antiskim control in Initialize	Check config of antiskim. Recover normal setting. Run Initialize. If error is repeated, need to change device.
I31100	Warning of Proximity detect in Initialize	Check dust or unknown things around of proximity sensor. Run Initialize. If error is repeated, need to change device.
I31200	Error of Proximity detect in Initialize	Check dust or unknown things around of proximity sensor. Run Initialize. If error is repeated, need to change device.
I31300	Failure of connect to proximity sensor.	Check connector or cable of proximity sensor. Replace the proximity sensor.
I86400	Failed check CRC of USB bulk data	Check line of USB communication
I86E00	Undefined SubCMD	Check CMD Mi. do not use undefined CMD
I86F00	Undefined CMD	Check CMD Mi. do not use undefined CMD
J86400	Failed check CRC of USB bulk data	Check line of USB communication
J86E00	Undefined SubCMD	Check CMD Mi. do not use undefined CMD
J86F00	Undefined CMD	Check CMD Mi. do not use undefined CMD
K86400	Failed check CRC of USB bulk data	Check line of USB communication
K86E00	Undefined SubCMD	Check CMD Mi. do not use undefined CMD
K86F00	Undefined CMD	Check CMD Mi. do not use undefined CMD
L86400	Failed check CRC of USB bulk data	Check line of USB communication
L86E00	Undefined SubCMD	Check CMD Mi. do not use undefined CMD
L86F00	Undefined CMD	Check CMD Mi. do not use undefined CMD
M86400	Failed check CRC of USB bulk data	Check line of USB communication
M86E00	Undefined SubCMD	Check CMD Mi. do not use undefined CMD
M86F00	Undefined CMD	Check CMD Mi. do not use undefined CMD
N86400	Failed check CRC of USB bulk data	Check line of USB communication
N86E00	Undefined SubCMD	Check CMD Mi. do not use undefined CMD
N86F00	Undefined CMD	Check CMD Mi. do not use undefined CMD
O86400	Failed check CRC of USB bulk data	Check line of USB communication
O86E00	Undefined SubCMD	Check CMD Mi. do not use undefined CMD
O86F00	Undefined CMD	Check CMD Mi. do not use undefined CMD
P23200	Error of Coil High Temperature.	Check temperature of coil(ex. sensor unplugged) Run Initialize. If error is repeated, need to change device.

Problem Code	Problem Description	Troubleshooting
P24200	Error of Coil Low current	Check status of coil(ex. Unplugged or open circuit) Run Initialize. If error is repeated, need to change device.
P24300	Error of Coil High current	Check status of coil(ex. short circuit) Run Initialize. If error is repeated, need to change device.
P26C00	Error of Antiskim control	Check config of antiskim. Recover normal setting. Run Initialize. If error is repeated, need to change device.
P31100	Warning of Proximity detect	Check dust or unknown things around of proximity sensor. Run Initialize. If error is repeated, need to change device.
P31200	Error of Proximity detect	Check dust or unknown things around of proximity sensor. Run Initialize. If error is repeated, need to change device.
P31300	Failure of connect to proximity sensor.	Check connector or cable of proximity sensor. Replace the proximity sensor.
P86400	Failed check CRC of USB bulk data	Check line of USB communication
P86E00	Undefined SubCMD	Check CMD Mi. do not use undefined CMD
P86F00	Undefined CMD	Check CMD Mi. do not use undefined CMD
Q86400	Failed check CRC of USB bulk data	Check line of USB communication
Q86E00	Undefined SubCMD	Check CMD Mi. do not use undefined CMD
Q86F00	Undefined CMD	Check CMD Mi. do not use undefined CMD
R86400	Failed check CRC of USB bulk data	Check line of USB communication
R86E00	Undefined SubCMD	Check CMD Mi. do not use undefined CMD
R86F00	Undefined CMD	Check CMD Mi. do not use undefined CMD
S86400	Failed check CRC of USB bulk data	Check line of USB communication
S86E00	Undefined SubCMD	Check CMD Mi. do not use undefined CMD
S86F00	Undefined CMD	Check CMD Mi. do not use undefined CMD
T86400	Failed check CRC of USB bulk data	Check line of USB communication
T86E00	Undefined SubCMD	Check CMD Mi. do not use undefined CMD
T86F00	Undefined CMD	Check CMD Mi. do not use undefined CMD
U86400	Failed check CRC of USB bulk data	Check line of USB communication
U86E00	Undefined SubCMD	Check CMD Mi. do not use undefined CMD
U86F00	Undefined CMD	Check CMD Mi. do not use undefined CMD
U96200	Failed check CRC of BIN file data for download	Check BIN file for download
U96300	Wrong sequence of BIN file data index	Check line of USB communication
U96A00	Size over of BIN file for download	Check BIN file for download
U96B00	Error of BIN file header	Check BIN file for download
V86400	Failed check CRC of USB bulk data	Check line of USB communication

Problem Code	Problem Description	Troubleshooting
V86E00	Undefined SubCMD	Check CMD Mi. do not use undefined CMD
V86F00	Undefined CMD	Check CMD Mi. do not use undefined CMD
W86400	Failed check CRC of USB bulk data	Check line of USB communication
W86E00	Undefined SubCMD	Check CMD Mi. do not use undefined CMD
W86F00	Undefined CMD	Check CMD Mi. do not use undefined CMD
X86400	Failed check CRC of USB bulk data (CMD MI x)	Check line of USB communication
X86E00	Undefined SubCMD (CMD MI x)	Check CMD Mi. do not use undefined CMD
X86F00	Undefined CMD (CMD MI x)	Check CMD Mi. do not use undefined CMD
Y86400	Failed check CRC of USB bulk data	Check line of USB communication
Y86E00	Undefined SubCMD	Check CMD Mi. do not use undefined CMD
Y86F00	Undefined CMD	Check CMD Mi. do not use undefined CMD
Z86400	Failed check CRC of USB bulk data	Check line of USB communication
Z86E00	Undefined SubCMD	Check CMD Mi. do not use undefined CMD
Z86F00	Undefined CMD	Check CMD Mi. do not use undefined CMD

## Chapter 2. Barcode

Problem Code	Problem Description	Troubleshooting
9708014	Failed to open communication port	Check the serial port, cable, or reset the unit to recover. If it is not recovered, replace main board or the unit.
9708030	Failed to create Registry	1 .SP Close and Open(Take the Log for failure) 2. Restart the system
9708031	Failed to read Registry	1 .SP Close and Open(Take the Log for failure) 2. Restart the system
9708032	Failed to write Registry	1 .SP Close and Open(Take the Log for failure) 2. Restart the system
9708034	Failed to delete Registry	1 .SP Close and Open(Take the Log for failure) 2. Restart the system
9708042	Failed to run sensor polling thread.	1 .SP Close and Open(Take the Log for failure) 2. Restart the system
9708043	Failed to stop sensor polling thread.	1 .SP Close and Open(Take the Log for failure) 2. Restart the system
9708101	Failed to make enable barcode Device	1 .SP Close and Open(Take the Log for failure) 2. Restart the system
9708102	Failed to make disable barcode Device	1 .SP Close and Open(Take the Log for failure) 2. Restart the system
9708103	Failed to read data from barcode device	1 .SP Close and Open(Take the Log for failure) 2. Restart the system
9708104	communication error between SP and firmware during idle status.	1 .SP Close and Open(Take the Log for failure) 2. Restart the system
9708105	encountered unexpected timeout from firmware.	1 .SP Close and Open(Take the Log for failure) 2. Restart the system

## Chapter 3. Bill Recycling Module

Problem Code	Problem Description	Troubleshooting
510R100	BM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
510R200	BM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
510R300	BM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
510SZ00	Receive undefined command during Deposit Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
511R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
511R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
511R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
511R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
512R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
512R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
512R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
512R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5130100	RC3 GS301 Light Jam during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5130200	RC3 GS302 Light Jam during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5130500	RC3 GS305 Light Jam during Deposit Ready	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(C)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5131100	RC3 GS301 Dark Jam during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5131200	RC3 GS302 Dark Jam during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5131500	RC3 GS305 Dark Jam during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5132100	Error occurred by notes remained in RC3 GS301 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5132200	Error occurred by notes remained in RC3 GS302 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5132500	Error occurred by notes remained in RC3 GS305 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5133100	Sensor auto calibration error in RC3 GS301 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5133200	Sensor auto calibration error in RC3 GS302 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5133500	Sensor auto calibration error in RC3 GS305 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5134100	Extern lights check error in RC3 GS301 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5134200	Extern lights check error in RC3 GS302 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5134500	Extern lights check error in RC3 GS305 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5135100	Path error on transport path in RC3 GS301 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5135200	Path error on transport path in RC3 GS302 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5135500	Path error on transport path in RC3 GS305 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5136100	Path error on sensor except for transport path in RC3 GS301 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5136200	Path error on sensor except for transport path in RC3 GS302 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5136500	Path error on sensor except for transport path in RC3 GS305 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5137100	Error occurred by the notes disorder in RC3 GS301 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5137200	Error occurred by the notes disorder in RC3 GS302 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5137500	Error occurred by the notes disorder in RC3 GS305 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
513L100	Remaining notes stack process error in RC3 GS301 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
513L200	Remaining notes stack process error in RC3 GS302 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
513L500	Remaining notes stack process error in RC3 GS305 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
513R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
513R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
513R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
513R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5140100	RC4 GS401 Light Jam during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5140200	RC4 GS402 Light Jam during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5140500	RC4 GS405 Light Jam during Deposit Ready	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(D)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5141100	RC4 GS401 Dark Jam during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5141200	RC4 GS402 Dark Jam during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5141500	RC4 GS405 Dark Jam during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5142100	Error occurred by notes remained in RC4 GS401 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5142200	Error occurred by notes remained in RC4 GS402 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5142500	Error occurred by notes remained in RC4 GS405 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5143100	Sensor auto calibration error in RC4 GS401 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5143200	Sensor auto calibration error in RC4 GS402 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5143500	Sensor auto calibration error in RC4 GS405 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5144100	Extern lights check error in RC4 GS401 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5144200	Extern lights check error in RC4 GS402 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5144500	Extern lights check error in RC4 GS405 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5145100	Path error on transport path in RC4 GS401 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5145200	Path error on transport path in RC4 GS402 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5145500	Path error on transport path in RC4 GS405 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5146100	Path error on sensor except for transport path in RC4 GS401 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5146200	Path error on sensor except for transport path in RC4 GS402 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5146500	Path error on sensor except for transport path in RC4 GS405 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5147100	Error occurred by the notes disorder in RC4 GS401 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5147200	Error occurred by the notes disorder in RC4 GS402 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5147500	Error occurred by the notes disorder in RC4 GS405 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
514L100	Remaining notes stack process error in RC4 GS401 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
514L200	Remaining notes stack process error in RC4 GS402 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
514L500	Remaining notes stack process error in RC4 GS405 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
514R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
514R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
514R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
514R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5150100	RC5 GS501 Light Jam during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5150200	RC5 GS502 Light Jam during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5150500	RC5 GS505 Light Jam during Deposit Ready	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(E)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5151100	RC5 GS501 Dark Jam during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5151200	RC5 GS502 Dark Jam during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5151500	RC5 GS505 Dark Jam during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5152100	Error occurred by notes remained in RC5 GS501 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5152200	Error occurred by notes remained in RC5 GS502 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5152500	Error occurred by notes remained in RC5 GS505 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5153100	Sensor auto calibration error in RC5 GS501 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5153200	Sensor auto calibration error in RC5 GS502 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5153500	Sensor auto calibration error in RC5 GS505 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5154100	Extern lights check error in RC5 GS501 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5154200	Extern lights check error in RC5 GS502 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5154500	Extern lights check error in RC5 GS505 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5155100	Path error on transport path in RC5 GS501 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5155200	Path error on transport path in RC5 GS502 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5155500	Path error on transport path in RC5 GS505 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5156100	Path error on sensor except for transport path in RC5 GS501 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5156200	Path error on sensor except for transport path in RC5 GS502 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5156500	Path error on sensor except for transport path in RC5 GS505 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5157100	Error occurred by the notes disorder in RC5 GS501 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5157200	Error occurred by the notes disorder in RC5 GS502 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5157500	Error occurred by the notes disorder in RC5 GS505 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
515L100	Remaining notes stack process error in RC5 GS501 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
515L200	Remaining notes stack process error in RC5 GS502 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
515L500	Remaining notes stack process error in RC5 GS505 during Deposit Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
515R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
515R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
515R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
515R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5162100	CSM Residue Error during Deposit Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5162200	CSM No separation notes Error during Deposit Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5162300	CSM insert notes excess Error during Deposit Ready	1. Operate to initialize BRM(Recovery)2. Check inserting notes into the CSM are over 300 counts at one time3. If BRM does not recovery open the outer/inner Shutter of CSM3.Remove notes and substance in the CSM(1)
5162500	CSM notes disappear Error during Deposit Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5162600	CSM notes appear Error during Deposit Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5162Z00	CSM Residue Error during during Deposit Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
516B100	CSM Notes insert position Error during Deposit Ready	1. Return Notes to customer(Semi OK Code)2. If Notes don't retrun open the outer/inner Shutter and remove the notes

Problem Code	Problem Description	Troubleshooting
516B200	CSM Notes in abnormal position(GS601,GS603,GS610,GS611,GS616 중) after ready separation during Deposit Ready	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
516B300	CSM Separate Mis-pickup during Deposit Ready	1. Return Notes to customer(Semi OK Code)2. If Notes don't retrun open the outer/inner Shutter and remove the notes
516B400	CSM Separate disorder Jam (Front Skew) during Deposit Ready	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
516B600	CSM Separate disorder Jam (Over Max Length) during Deposit Ready	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
516B700	CSM Separate disorder Jam (Less Min Length) during Deposit Ready	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
516B800	CSM Separate disorder Dark Jam during Deposit Ready	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
516B900	CSM Low speed control 30 times over Error during Deposit Ready	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
516BA00	CSM Over separation notes during collect lost notes during Deposit Ready	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
516BE00	CSM Residue Notes in separation part after separation during Deposit Ready	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
516G100	Fail to move CSM BP to Stack Position during Deposit Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
516G200	Fail to move CSM BP to Deposit Position during Deposit Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
516G300	Fail to move CSM BP to Separation Position during Deposit Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
516G500	Fail to move CSM BP to Note-Out Position during Deposit Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly

Problem Code	Problem Description	Troubleshooting
516G600	Fail to move CSM P-Roller to Home position during Deposit Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
516G800	Fail to CSM return notes during Deposit Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
516G900	CSM GM601 Step out during Deposit Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
516GA00	Fail to move CSM BP to return note Position during Deposit Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
516GB00	Fail to move CSM FP to Deposit Position during Deposit Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Press and release FP check the FP rotate smoothly5. Check GS652 status(Dark & Light)
516GF00	Fail to move CSM G-Roller to Homeposition during Deposit Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
516GG00	Fail to move both CSM P/G-Roller to Homeposition during Deposit Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
516M200	CSM Inner Shutter Open Error during Deposit Ready	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
516M300	CSM Inner Shutter Close Error during Deposit Ready	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
516M400	CSM Outer Shutter Open Error during Deposit Ready	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
516M500	CSM Outer Shutter Close Error during Deposit Ready	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
516M600	CSM Outer Shutter is Opened during Deposit Ready	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
516M700	CSM Inner Shutter Open during Deposit Ready	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light

Problem Code	Problem Description	Troubleshooting
516M800	CSM Stopper Home position Fail during Deposit Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move PP Front5. Move Bill Stopper forward/backward and check GS668 sensor status6. Initialize
516M900	CSM Stopper Stack position Fail during Deposit Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move PP Front5. Move Bill Stopper forward/backward and check GS668 sensor status6. Initialize
516MB00	CSM Bill Supporter Up position Fail during Deposit Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Check the failure and breakage of Bill Lifter/Support5. Initialize
516MC00	CSM Bill Supporter Down position Fail during Deposit Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Check the failure and breakage of Bill Lifter/Support5. Initialize
516P100	CSM PP Withdrawal(Stack) position Fail during Deposit Ready	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
516P200	CSM PP Deposit position Fail during Deposit Ready	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
516P300	CSM PP Separation position Fail during Deposit Ready	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
516P400	CSM PP collect lost notes position Fail during Deposit Ready	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
516P500	CSM PP Note-out position Fail during Deposit Ready	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
516P600	CSM PP Note-arrange position Fail during Deposit Ready	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize

Problem Code	Problem Description	Troubleshooting
516P800	CSM PP Control Stack Fail during Deposit Ready	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
516P900	CSM PP Return note position Fail during Deposit Ready	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
516PD00	CSM PP Check semi-note Fail during Deposit Ready	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
516PE00	CSM PP Bill SuCSM PPorter Up position Fail during Deposit Ready	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
516R100	CSM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
516R200	CSM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
516R300	CSM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
516R600	CSM response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
516RB00	CSM BP response timeout during Deposit Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
516RF00	CSM Feed Motor response timeout during Deposit Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
516RL00	CSM Lift response timeout during Deposit Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
516RP00	CSM PP response timeout during Deposit Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
516RR00	CSM Bill supporter response timeout during Deposit Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
516RS00	CSM Inner Shutter response timeout during Deposit Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
516RT00	CSM Stopper response timeout during Deposit Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
516SA00	CSM Receive undefined command during Deposit Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
516SR00	CSM Sub Task for Wait Setting Error during Deposit Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5172100	Error occurred by notes remained in TSK GS701 during Deposit Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5172200	Error occurred by notes remained in TSK GS702 during Deposit Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5172300	Error occurred by notes remained in TSK GS703,4 during Deposit Ready	1. Open the upper unit2. Check the notes remain in the TSK(5)3. Check the GS701/GS702/GS706/GS707 Sensor4. Remove notes remain in the TSK
5172Z00	Error occurred by notes remained in TSK All Sensor during Deposit Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5177100	Error occurred by the notes disorder in TSK GS701 during Deposit Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5177200	Error occurred by the notes disorder in TSK GS702 during Deposit Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5177300	Error occurred by the notes disorder in TSK GS703,4 during Deposit Ready	1. Open the upper unit2. Check the notes remain in the TSK(5)3. Check the GS701/GS702/GS706/GS707 Sensor4. Remove notes remain in the TSK
5177Z00	Error occurred by the notes disorder in TSK All during Deposit Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
517C200	TSK Last note unclear during separation during Deposit Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) 4. Close the upper unit5. Initialize
517L100	Remaining notes stack process error in TSK GS701 during Deposit Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)

Problem Code	Problem Description	Troubleshooting
517L200	Remaining notes stack process error in TSK GS702 during Deposit Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
517L300	Remaining notes stack process error in TSK GS703,4 during Deposit Ready	1. Open the upper unit2. Check the notes remain in the TSK(5)3. Check the GS701/GS702/GS706/GS707 Sensor4. Remove notes remain in the TSK
517LZ00	Remaining notes stack process error in TSK All during Deposit Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
517R100	TSK response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
517R200	TSK response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
517R300	TSK response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
517R600	TSK response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
518HA01	GS801A Sensor Error during Deposit Ready	1. Check GS801A2. Operate to initialize BRM(Recovery)
518HA02	GS801B Sensor Error during Deposit Ready	1. Check GS801B2. Operate to initialize BRM(Recovery)
518HA03	GS801A, GS801B Sensor Error during Deposit Ready	1. Check GS801A, GS801B2. Operate to initialize BRM(Recovery)
518HA04	GS802A Sensor Error during Deposit Ready	1. Check GS802A2. Operate to initialize BRM(Recovery)
518HA05	GS801A, GS802A Sensor Error during Deposit Ready	1. Check GS801A, GS802A2. Operate to initialize BRM(Recovery)
518HA06	GS801B, GS802A Sensor Error during Deposit Ready	1. Check GS801B, GS802A2. Operate to initialize BRM(Recovery)
518HA07	GS801A, GS801B, GS802A Sensor Error during Deposit Ready	1. Check GS801A, GS801B, GS802A2. Operate to initialize BRM(Recovery)
518HA08	GS802B Sensor Error during Deposit Ready	1. Check GS802B2. Operate to initialize BRM(Recovery)
518HA09	GS801A, GS802B Sensor Error during Deposit Ready	1. Check GS801A, GS802B2. Operate to initialize BRM(Recovery)
518HA10	GS801B, GS802B Sensor Error during Deposit Ready	1. Check GS801B, GS802B2. Operate to initialize BRM(Recovery)
518HA11	GS801A, GS801B, GS802B Sensor Error during Deposit Ready	1. Check GS801A, GS801B, GS802B2. Operate to initialize BRM(Recovery)
518HA12	GS802A, GS802B Sensor Error during Deposit Ready	1. Check GS802A, GS802B2. Operate to initialize BRM(Recovery)
518HA13	GS801A, GS802A, GS802B Sensor Error during Deposit Ready	1. Check GS801A, GS802A, GS802B2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
518HA14	GS801B, GS802A, GS802B Sensor Error during Deposit Ready	1. Check GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
518HA15	GS801A, GS801B, GS802A, GS802B Sensor Error during Deposit Ready	1. Check GS801A, GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
518HB01	MR Sensor Level Error during Deposit Ready	1. Check MR Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
518HC02	UV_01 Sensor Level Error during Deposit Ready	1. Check UV Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
518HF03	CIS Shading data loading Fail during Deposit Ready	1. Operate shading in the BC CIS2. Operate to initialize BRM(Recovery)
518HF04	Detection DB Table loading Fail during Deposit Ready	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
518HF05	BC FPGA Data checksum Fail during Deposit Ready	1. Check to BC FPGA File2. Operate to initialize BRM(Recovery)
518HF06	BC FPGA Configuration Fail during Deposit Ready	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
518HF07	BC FPGA Header Information Loading Fail during Deposit Ready	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
518HF08	BC FPGA Initialize Fail during Deposit Ready	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
518HF09	BC FPGA VERSION Fail during Deposit Ready	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
518HF11	Detection DB #01 loading Fail during Deposit Ready	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
518HF12	Detection DB #02 loading Fail during Deposit Ready	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
518HF13	Detection DB #03 loading Fail during Deposit Ready	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
518HF14	Detection DB #04 loading Fail during Deposit Ready	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
518HF15	Detection DB #05 loading Fail during Deposit Ready	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
518HF16	Detection DB #06 loading Fail during Deposit Ready	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
518HF17	Detection DB #07 loading Fail during Deposit Ready	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
518HF18	Detection DB #08 loading Fail during Deposit Ready	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
518HF19	Detection DB #09 loading Fail during Deposit Ready	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
518HF20	Detection DB #10 loading Fail during Deposit Ready	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
518HG01	Mode Set Error When Receive BC MODE Command (Mode Value is not 1 or 2 ) during Deposit Ready	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
518HG02	Detection Level Set Error When Receive BC MODE Command (Detection Level Value is 0 ) during Deposit Ready	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
518HG03	BC Transaction Ready Fail When Receive BC READY Command during Deposit Ready	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
518HG04	Mode Set Error When Receive BC READY Command (Mode Value is not 1 or 2 ) during Deposit Ready	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
518HG05	Detection Level Set Error When Receive BC READY Command (Detection Level Value is 0 ) during Deposit Ready	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
518HG06	BC Entry Direction Set Error When Receive BC READY Command (Not Deposit-Withdrawal/Stack Direction ) during Deposit Ready	1. Check BC putting direction.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
518HG07	Receive BC Unknown Command during Deposit Ready	1. Check BC reception full command.1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization.
518HG08	The Number of Nations Set Error When Receive BC DATA WRITE Command (Over 0, 10) during Deposit Ready	1. Check the number of supported country.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
518HG09	Nation Code Set Error When Receive BC DATA WRITE Command during Deposit Ready	1. Check the supported country code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
518HG10	Detection DB of the Nation is not exist When Receive BC DATA WRITE Command during Deposit Ready	1. Check the BC recognition DB of country.2. Download DB again after deleting all recognition DB3. Operate to initialize BRM(Recovery)4. Reboot the system when same error occurred after initialization.
518HG11	No Nation Code When Receive BC READY Command during Deposit Ready	1. Check the country setting value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
518HG12	BC Version Value Set Error When Receive BC DATA WRITE Command (Not BC FPGA) during Deposit Ready	1. Check the BC specifications devision and BC FPGA specifications.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization
518HG20	Fail to Initialize CIS When Receive BC READY Command during Deposit Ready	1. Operate to initialize BRM(Recovery)2. Check CIS part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
518HG21	Fail to ENCODER POWER ON When Receive BC READY Command during Deposit Ready	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
518HG22	Fail to adjust DD Sensor DAC When Receive BC READY Command during Deposit Ready	1. Operate to initialize BRM(Recovery)2. Check whether the sensor is contaminated or not if same error occurs after Initialize3. Reboot the system when same error occurs even though there is no substance.

Problem Code	Problem Description	Troubleshooting
518HG23	DD Sensor DAC Set Error When Receive BC READY Command during Deposit Ready	1. Operate to initialize BRM(Recovery)2. Check DD sensor part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
518HG24	ENCODER Mode Set Error When Receive BC READY Command during Deposit Ready	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance
518HG30	Counterfeit Note List CRC Error When Receive BC SERIAL NO Command during Deposit Ready	1. Check the forged notes list CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
518HG31	Not Receive The Number of Counterfeit Note Lists and CRC When Receive BC SERIAL NO Command during Deposit Ready	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
518HG32	Over The Number of Counterfeit Note Lists When Receive BC SERIAL NO Command (Over 200) during Deposit Ready	1. Check the whole number of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
518HG33	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Nation Code 0) during Deposit Ready	1. Check the country code of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
518HG34	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Length Over 2~29) during Deposit Ready	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
518HG36	Note Number Detection Mode Set Error When Receive BC MODE Command (Mode Value is Not 0, 1, 2) during Deposit Ready	1. Check to the recognized mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
518HG37	Transaction Classification Set Error When Receive BC MODE Command (Classification Value is Not 0, 1, 2) during Deposit Ready	1. Check to the transaction setting.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
518HG38	Counterfeit Note List Search Classification Set Error When Receive BC SERIAL NO Command 위조지폐 목록 검색 구분 설정 오류 (Classification Value is Not 1, 2, 3 ) during Deposit Ready	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
518HG39	Counterfeit Note List Note Number Set Error When Receive BC SERIAL NO Command (Use '*' When Search Note Number Part) during Deposit Ready	1. Check the forged notes list's note numbers.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
518HG3A	BC MODE SET Bill Management Level Set Error (Over 1~5) during Deposit Ready	1. Check check management mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
518HG3B	Over The Number of BC MODE SET Back Codes (Over 15) during Deposit Ready	1. Check the number of check issued by our bank code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
518HG40	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use End Number at First When Search Note Number Part) during Deposit Ready	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
518HG41	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use Start Number at Last When Search Note Number Part) during Deposit Ready	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
518HG42	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Wrong Start/End Number Order When Search Note Number Part) during Deposit Ready	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
518HG43	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Use Wrong Length Value When Search Note Number Part) during Deposit Ready	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
518HG44	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Use Wrong Nation Code When Search Note Number Part) during Deposit Ready	1. Check the forged notes list's country-code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
518HG45	Not Receive The Number of Bill Number Tables and CRC When Receive Check No Write Command during Deposit Ready	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
518HG46	Bill Number Error When Receive Check No Write Command during Deposit Ready	1. Check the check number when registering check number.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
518HG47	Bill Number Table Length Set Error When Receive Check No Write Command (Length Over 0~50) during Deposit Ready	1. Check check number table's length.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
518HG48	Bill Number Table CRC Error When Receive Check No Write Command during Deposit Ready	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
518HG49	Over The Number of Bill Number Tables When Receive Check No Write Command (Over 5) during Deposit Ready	1. Check check total number of tables.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
518HH01	Fail to Delete NAND FLASH during Deposit Ready	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
518HH02	NAND FLASH Delete BLOCK Set Error When Download Detection DB during Deposit Ready	1. Download DB again after checking recognition DB's delete index.2. Operate to initialize BRM(Recovery)
518HH03	Fail to Download Detection DB during Deposit Ready	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
518HH04	NAND FLASH Download BLOCK Set Error When Download Detection DB during Deposit Ready	1. Download DB again after checking recognition DB's index.2. Operate to initialize BRM(Recovery)
518HH05	Detection DB Download File Check Error during Deposit Ready	1. Download DB again after checking recognition DB file.2. Operate to initialize BRM(Recovery)
518HH06	Detection DB Download File Size Error during Deposit Ready	1. Download DB again after checking recognition DB download file.2. Operate to initialize BRM(Recovery)
518HH07	DB Table Save Error After Download Detection DB during Deposit Ready	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
518HH08	Over Detection DB Download (Over 10) during Deposit Ready	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
518HH09	Detection DB Header Information Error during Deposit Ready	1. Download DB again after deleting recognition DB.2. Operate to initialize BRM(Recovery)
518HH10	EP Download Fail during Deposit Ready	1. Re-download BC EP.2. Change the BC B/D if continuous error.
518HH11	EP Download Check Error during Deposit Ready	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
518HH12	EP Download File Size Error during Deposit Ready	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
518HH13	EP Download File ID Error (Not EPAP/EPBT/EPFP) during Deposit Ready	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
518HH14	BC FPGA Download Fail during Deposit Ready	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
518HH15	Header Information Save Error After BC FPGA Download during Deposit Ready	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
518HH16	Not Provide BC FPGA Download during Deposit Ready	1. Check BC FPGA VERSION.2. Change the BC B/D if continuous error.
518HH17	EEPROM READ/WRITE Error during Deposit Ready	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
518HH18	Receive Unit Serial Number Undefined Option during Deposit Ready	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
518HH19	Receive USB Undefined Command during Deposit Ready	1. Check USB Command from BC and retry the operation.2. Check BC version and Update EP3. Change the BC B/D if continuous error.
518HH20	No BC Process Note When Receive Image Upload Command during Deposit Ready	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
518HH21	FC1 Set Error When Receive Image Upload Command during Deposit Ready	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
518HH22	BC is Processing Note When Receive Image Upload Command during Deposit Ready	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
518HH23	FC2 Set Error When Receive Image Upload Command during Deposit Ready	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
518HH24	Not Provide Total Image Upload Function during Deposit Ready	1. Check if SP or TM is out of date.2. Initialize the BRM.3. If initialization does not fix the problem, contact the technician.
518HH25	Not Provide Note Number Detection Image Upload Function during Deposit Ready	1. Check BC image save mode.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
518HH26	FC2 Set Error When Receive Image Information Upload Command during Deposit Ready	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.

Problem Code	Problem Description	Troubleshooting
518HH27	BRM Transaction Mode is Not Same with Image Upload Command Mode during Deposit Ready	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
518HH28	BRM Transaction Mode is Not Same with Replenishment/Collect Cash Image Upload Command Mode during Deposit Ready	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
518HH29	No BC Process Note When Receive Replenishment/Collect Cash Image Upload Command during Deposit Ready	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
518HH2A	FC1 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Deposit Ready	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
518HH2B	BC is Processing Note When Receive Replenishment/Collect Cash Image Upload Command during Deposit Ready	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
518HH2C	FC2 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Deposit Ready	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
518HH2D	Not Provide Replenishment/Collect Cash Image Upload Function during Deposit Ready	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
518HH2E	Note Image Upload Index is Not Same When Receive Replenishment/Collect Cash Image Upload Command during Deposit Ready	1. Get BC log and image.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
518HI01	RecogTask Messeage Timeout Error during Deposit Ready	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
518HI02	ScanTask Messeage Timeout Error during Deposit Ready	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
518HI03	UartTask Messeage Timeout Error during Deposit Ready	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
518HI04	BcUsbTask Messeage Timeout Error during Deposit Ready	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
518HJ01	Algorithm Initialize Fail during Deposit Ready	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
518HJ02	Algorithm Ready Fail during Deposit Ready	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
518HJ03	Algorithm Information Set Error during Deposit Ready	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
518HK01	Table CRC Error When Set Poly-Note Withdrawal Information during Deposit Ready	1. Retry the operation

Problem Code	Problem Description	Troubleshooting
518HK02	CST Note Information Set Number Error When Set Poly-Note Withdrawal Information (n is 0 or over 256) during Deposit Ready	1. Check the number of CST Setting notes info
518HK03	Withdrawal Note Number Set Error When Set Poly-Note Withdrawal Information ( n is 0 or over 3000) during Deposit Ready	1. Check Withdrawal notes setting
518HK04	Note Information (Not CST Set Note) is Set in Withdrawal Note Information When Set Poly-Note Withdrawal Information during Deposit Ready	1. Check Withdrawal notes info
518HS01	FPGA Write Data Error When Initialize Scan Driver during Deposit Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
518HS02	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver during Deposit Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
518HS03	Fail to Set CIS Led On Value When Initialize Scan Driver during Deposit Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
518HS04	Fail to Set Source of Scan Light When Initialize Scan Driver during Deposit Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
518HS05	Not Process Shading When Initialize Scan Driver during Deposit Ready	1. Perform CiS Shading.2. Operate to initialize BRM(Recovery)
518HS08	Fail to Set DAC When Initialize Scan Driver during Deposit Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
518HS11	FPGA Write Data Error When BC Ready during Deposit Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
518HS12	Fail to Power On When BC Ready Sensor(MR/UV/DD/Encoder/Entry Sensor) during Deposit Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
518HS13	Fail to Set CIS Led On Value When BC Ready during Deposit Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
518HS14	Fail to Set Source of Scan Ligh When BC Ready during Deposit Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
518HS15	Not Process Shading When BC Ready during Deposit Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
518HS17	Fail to Set AFE Chip When BC Ready during Deposit Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
518HS18	Fail to Set DAC When BC Ready during Deposit Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
518HS19	MR/UV/DD Sampling Start Error When BC Ready during Deposit Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
518HS1A	Fail to Set 2-Notes DAC When BC Ready during Deposit Ready	1. Check whether double notes sensor is contaminate or not.2. Check whether double notes sensor is connected.3. Retry the operation.4. Change the BC if continuous error.
518HS1B	2-Notes to 1-Note Adjust Information Error When BC Ready during Deposit Ready	1. Perform calibration info about double notes or one note.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
518HS22	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver When Stop BC during Deposit Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
518HS28	Fail to Set DAC When Stop BC during Deposit Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
518HS29	MR/UV/DD Sampling Stop Error When Stop BC during Deposit Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
518HS31	BC Ready Fail When Process CIS Shading – Use in Plant during Deposit Ready	1. Perform calibration info about double notes or one note and double notes DAC2. Retry the operation
518HS32	Dark Adjust Fail When Process CIS Shading – Use in Plant during Deposit Ready	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Change CIS and Cable5. Change BC
518HS33	Over Target Gap When Process CIS Shading Shading – Use in Plant during Deposit Ready	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
518HS34	Fail to Write Result Value Flash When Process CIS Shading – Use in Plant during Deposit Ready	1. Retry the operation2. Change BC
518HS35	BC Stop Fail When Process CIS Shading – Use in Plant during Deposit Ready	1. Retry the operation2. Change BC
518HS36	Over 10Pixel-Excess-Image When Process CIS Shading during Deposit Ready	1. Retry the operation2. Check CIS note quility and setting status3. Check CIS Connection Status4. Change BC
518HS37	Dark Shading Result Value is Standard Over When Process CIS Shading during Deposit Ready	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Retry the operation5. Change BC
518HS38	Max Ontime Ove When Process CIS Shadingr – Use in Plant during Deposit Ready	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
518HS39	Fail to Set Source of Shading Light When Process CIS Shading – Use in Plant during Deposit Ready	1. Retry the operation2. Change BC
518HS41	Fail to Adjust 2-Notes DAC (Less Than MIN) – Use in Plant during Deposit Ready	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the opertion4. Change BC
518HS42	Fail to Adjust 2-Notes DAC (Over MAX) – Use in Plant during Deposit Ready	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the opeartion4. Change BC
518HS43	2-Notes Adjust Flash Write Fail – Use in Plant during Deposit Ready	1. Retry the operation2. Change BC
518R100	BC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
518R200	BC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
518R300	BC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
518R600	BC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
518S100	BCU response MI error during Deposit Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
518S200	BCU response BCC error during Deposit Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
518S300	BCU response Sub MI error during Deposit Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
518S400	BCU response Parameter error during Deposit Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
518S900	BCU response Timeout Error during Deposit Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
51A2100	Error occurred by notes remained in GS801 during Deposit Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
51A2200	Error occurred by notes remained in GS002 during Deposit Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
51A2300	Error occurred by notes remained in GS003 during Deposit Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
51A2400	Error occurred by notes remained in GS004 during Deposit Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
51A2500	Error occurred by notes remained in GS005 during Deposit Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
51A2600	Error occurred by notes remained in GS006 during Deposit Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
51A2700	Error occurred by notes remained in GS014 during Deposit Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
51A2800	Error occurred by notes remained in GS018 during Deposit Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
51A2900	Error occurred by notes remained in GS020 during Deposit Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
51A2A00	Error occurred by notes remained in GS021 during Deposit Ready	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
51A2C00	Error occurred by notes remained in GS030 during Deposit Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
51A2E00	Error occurred by notes remained in GS001 during Deposit Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
51A2H00	Error occurred by notes remained in GS618 during Deposit Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
51A2J00	Error occurred by notes remained in GS619 during Deposit Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
51A2K00	Error occurred by notes remained in GS701,702 during Deposit Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
51A2M00	Error occurred by notes remained in GSA01 during Deposit Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
51A2N00	Error occurred by notes remained in GSA02 during Deposit Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
51A2P00	Error occurred by notes remained in GSA03 during Deposit Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
51A2Q00	Error occurred by notes remained in GSD01 during Deposit Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
51A2W00	Error occurred by notes remained in GS802 during Deposit Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
51AA100	UTC open Error before operation Deposit Ready	1. Open the upper unit. 2. Check the UTC removal and reinstallation
51AA200	TSK open Error before operation Deposit Ready	1. Open the upper unit. 2. Check the TSK open and close
51AA300	BMU Inter Lock Error before operation Deposit Ready	1. Check BMU open and close
51AA400	BMU open Error before operation Deposit Ready	1. Check BMU open and close
51AA500	Replenishment CST open Error before operation Deposit Ready	1. Check the Transit CST installation
51AA600	CSM open Error before operation Deposit Ready	1. Open the upper unit. 2. Check CSM Open/Close
51AA800	BMD Inter Lock Error before operation Deposit Ready	1. Open the lower unit. 2. Check the BMD open and close
51AA900	BMD open Error before operation Deposit Ready	1. Open the lower unit. 2. Check the BMD open and close
51AAA00	BC Open Error before operation Deposit Ready	1. Open the upper unit. 2. Check BC Open/Close
51AAB00	RC Full Error before operation Deposit Ready	1. Open the lower unit. 2. Check RC Full and remove notes
51AAC00	RJC Full Error before operation Deposit Ready	1. Open the upper unit. 2. Check RJC Full and remove notes
51AAD00	UTC Full Error before operation Deposit Ready	1. Open the upper unit. 2. Remove UTC and open the UTC Door3. Remove notes and reinstallation UTC
51AAE00	RTC Full Error before operation Deposit Ready	1. Open the lower unit. 2. Remove RT/RJC and open the Door3. Remove notes and reinstall RT/RJC
51AAF00	RC Empty Error before operation Deposit Ready	1. Open the lower unit. 2. Remove RC and open the RC Door, Check the Empty Status3. Reinstall the RC

Problem Code	Problem Description	Troubleshooting
51AAG00	Suspected note RC open Error before operation Deposit Ready	1. Open the lower unit. 2. Check the RC removal and reinstall
51AAH00	Status of BMU loading in the BMU Test Mode before the operation during Deposit Ready	1. Check Load/Removal of the upper unit2. Replace a cherry switch when error occurs
51AAJ00	Deposit Ready is not supported in the setting Test Mode	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
51AE100	Received operation command without Initial Info Set during Deposit Ready	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
51AE200	Status on not operation reception command during Deposit Ready	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
51AE300	Received operation command without System Info Read during Deposit Ready	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
51AE400	Transaction was executed without Initializing after power on during Deposit Ready	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
51AEE00	RBU RS485 communication sequence disorder during Deposit Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
51AEF00	RBU RS485 connection line disorder during Deposit Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
51AEL00	RBU communication was not ready after power on during Deposit Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
51AR100	Message timeout error during operation ready during Deposit Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
51AR200	Message timeout error during transation operation during Deposit Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
51AR300	Message timeout error during error postprocessing during Deposit Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
51AR800	RBU/BC sensor auto dimming response message timeout error during Deposit Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
51ARC00	BC response message timeout error during Deposit Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
51ARJ00	Message timeout error during Stop Ready during Deposit Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
51BR000	RBU Response Timeout during Deposit Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
51BR700	RBU Response Message Timeout during Deposit Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
51BS100	RBU RS-232 Seq Num Echo Error during Deposit Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
51BS200	RBU RS-232 MI Echo Error during Deposit Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
51BSS00	RBU Auto Calibration Command Parameter Error during Deposit Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
51CR100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
51CR200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
51CR300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
51CR600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
51ER100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
51ER200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
51ER300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
51ER600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
51US100	USB Bulk Sequence Error during Deposit Ready.	1. Restart over AP-SP
51US300	USB Bulk Received Length Error during Deposit Ready.	1. Reboot the system
51US400	Message transmission Error from USB to Main Task during Deposit Ready.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
51US500	Message reception Error from MainTask to USB during Deposit Ready.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
51USCMD	Bulk command data check error during Deposit Ready. (USB communication failure)	1. Restart over AP-SP

Problem Code	Problem Description	Troubleshooting
51USCRC	CRC data check error during Deposit Ready. (USB communication failure)	1. Restart over AP-SP
51USLEN	Bulk length error during Deposit Ready. (USB communication failure)	1. Restart over AP-SP
5200100	GS801 Light Jam error during Deposit Count	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5200200	GS002 Light Jam error during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5200300	GS003 Light Jam error during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5200400	GS004 Light Jam error during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5200500	GS005 Light Jam error during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5200600	GS006 Light Jam error during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5200700	GS014 Light Jam error during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5200800	GS018 Light Jam error during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5200900	GS020 Light Jam error during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5200A00	GS021 Light Jam error during Deposit Count	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5200C00	GS030 Light Jam error during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5200E00	GS001 Light Jam error during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5200H00	GS618 Light Jam error during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5200J00	GS619 Light Jam error during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5200M00	GSA01 Light Jam error during Deposit Count	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5200N00	GSA02 Light Jam error during Deposit Count	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5200P00	GSA03 Light Jam error during Deposit Count	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5200Q00	GSD01 Light Jam error during Deposit Count	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5200W00	GS802 Light Jam error during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5201100	GS801 Dark Jam error during Deposit Count	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5201200	GS002 Dark Jam error during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5201300	GS003 Dark Jam error during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5201400	GS004 Dark Jam error during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5201500	GS005 Dark Jam error during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5201600	GS006 Dark Jam error during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5201700	GS014 Dark Jam error during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5201800	GS018 Dark Jam error during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5201900	GS020 Dark Jam error during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5201A00	GS021 Dark Jam error during Deposit Count	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5201C00	GS030 Dark Jam error during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5201E00	GS001 Dark Jam error during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5201H00	GS618 Dark Jam error during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5201J00	GS619 Dark Jam error during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5201M00	GSA01 Dark Jam error during Deposit Count	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5201N00	GSA02 Dark Jam error during Deposit Count	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5201P00	GSA03 Dark Jam error during Deposit Count	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5201Q00	GSD01 Dark Jam error during Deposit Count	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5201W00	GS802 Dark Jam error during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5202100	Error occurred by notes remained in GS801 during Deposit Count	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5202200	Error occurred by notes remained in GS002 during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5202300	Error occurred by notes remained in GS003 during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5202400	Error occurred by notes remained in GS004 during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5202500	Error occurred by notes remained in GS005 during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5202600	Error occurred by notes remained in GS006 during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5202700	Error occurred by notes remained in GS014 during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5202800	Error occurred by notes remained in GS018 during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5202900	Error occurred by notes remained in GS020 during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5202A00	Error occurred by notes remained in GS021 during Deposit Count	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5202C00	Error occurred by notes remained in GS030 during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5202E00	Error occurred by notes remained in GS001 during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5202H00	Error occurred by notes remained in GS618 during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5202J00	Error occurred by notes remained in GS619 during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5202M00	Error occurred by notes remained in GSA01 during Deposit Count	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5202N00	Error occurred by notes remained in GSA02 during Deposit Count	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5202P00	Error occurred by notes remained in GSA03 during Deposit Count	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5202Q00	Error occurred by notes remained in GSD01 during Deposit Count	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5202W00	Error occurred by notes remained in GS802 during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5205100	GS801 Path error on transport path during Deposit Count	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5205200	GS002 Path error on transport path during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5205300	GS003 Path error on transport path during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5205400	GS004 Path error on transport path during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5205500	GS005 Path error on transport path during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5205600	GS006 Path error on transport path during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5205700	GS014 Path error on transport path during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5205800	GS018 Path error on transport path during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5205900	GS020 Path error on transport path during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5205A00	GS021 Path error on transport path during Deposit Count	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5205C00	GS030 Path error on transport path during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5205E00	GS001 Path error on transport path during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5205H00	GS618 Path error on transport path during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5205J00	GS619 Path error on transport path during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5205M00	GSA01 Path error on transport path during Deposit Count	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5205N00	GSA02 Path error on transport path during Deposit Count	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5205P00	GSA03 Path error on transport path during Deposit Count	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5205Q00	GSD01 Path error on transport path during Deposit Count	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5205W00	GS802 Path error on transport path during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5206100	GS801 Path error on sensor except for transport path during Deposit Count	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5206200	GS002 Path error on sensor except for transport path during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5206300	GS003 Path error on sensor except for transport path during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5206400	GS004 Path error on sensor except for transport path during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5206500	GS005 Path error on sensor except for transport path during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5206600	GS006 Path error on sensor except for transport path during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5206700	GS014 Path error on sensor except for transport path during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5206800	GS018 Path error on sensor except for transport path during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5206900	GS020 Path error on sensor except for transport path during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5206A00	GS021 Path error on sensor except for transport path during Deposit Count	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5206C00	GS030 Path error on sensor except for transport path during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5206E00	GS001 Path error on sensor except for transport path during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5206H00	GS618 Path error on sensor except for transport path during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5206J00	GS619 Path error on sensor except for transport path during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5206M00	GSA01 Path error on sensor except for transport path during Deposit Count	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5206N00	GSA02 Path error on sensor except for transport path during Deposit Count	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5206P00	GSA03 Path error on sensor except for transport path during Deposit Count	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5206Q00	GSD01 Path error on sensor except for transport path during Deposit Count	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5206W00	GS802 Path error on sensor except for transport path during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5207100	Error occurred by the notes disorder in GS801 during Deposit Count	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5207200	Error occurred by the notes disorder in GS002 during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5207300	Error occurred by the notes disorder in GS003 during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5207400	Error occurred by the notes disorder in GS004 during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5207500	Error occurred by the notes disorder in GS005 during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5207600	Error occurred by the notes disorder in GS006 during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5207700	Error occurred by the notes disorder in GS014 during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5207800	Error occurred by the notes disorder in GS018 during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5207900	Error occurred by the notes disorder in GS020 during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5207A00	Error occurred by the notes disorder in GS021 during Deposit Count	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5207C00	Error occurred by the notes disorder in GS030 during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5207E00	Error occurred by the notes disorder in GS001 during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5207H00	Error occurred by the notes disorder in GS618 during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5207J00	Error occurred by the notes disorder in GS619 during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5207M00	Error occurred by the notes disorder in GSA01 during Deposit Count	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5207N00	Error occurred by the notes disorder in GSA02 during Deposit Count	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5207P00	Error occurred by the notes disorder in GSA03 during Deposit Count	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5207Q00	Error occurred by the notes disorder in GSD01 during Deposit Count	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5207W00	Error occurred by the notes disorder in GS802 during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
520D100	Reject excess error (continue Reject error) during Deposit Count	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
520D200	Reject excess error (notes excess error) during Deposit Count	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
520D300	Reject excess error (Unappointed notes error) during Deposit Count	1. Check the Deposited Denomination
520D400	Reject excess error (Cassette note error) during Deposit Count	1. Check the Deposited Denomination
520D500	Reject excess error (2notes) during Deposit Count	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
520D600	Reject excess error (Gap error(1note)) during Deposit Count	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
520D700	Reject excess error (Gap error(2notes)) during Deposit Count	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
520D800	Reject excess error (skew error) during Deposit Count	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
520D900	Reject excess error (shift error) during Deposit Count	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
520DA00	Reject excess error (Max length error(1note)) during Deposit Count	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
520DB00	Reject excess error (Max length error(2notes)) during Deposit Count	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM

Problem Code	Problem Description	Troubleshooting
520DC00	Reject excess error (Max length error(3notes)) during Deposit Count	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
520DD00	Reject excess error (Max length error(4notes)) during Deposit Count	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
520DE00	Reject excess error (Min length error(1note)) during Deposit Count	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
520DF00	Reject excess error (Min length error(2notes)) during Deposit Count	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
520DG00	Reject excess error (note error) during Deposit Count	1. Check the Deposited Denomination
520DH00	Reject excess error (MR error) during Deposit Count	1. Check the Notes(Failure to Notes recognition)
520DJ00	Reject excess error (IR error) during Deposit Count	1. Check the Notes(Failure to Notes recognition)
520DK00	Reject excess error (Edge error) during Deposit Count	1. Check the Notes(Failure to Notes recognition)
520DL00	Reject excess error (Image error) during Deposit Count	1. Check the Notes(Failure to Notes recognition)
520DM00	Reject excess error (UV error) during Deposit Count	1. Check the Notes(Failure to Notes recognition)
520DN00	Reject excess error (Sensor error) during Deposit Count	1. Operate to initialize BRM(Recovery)
520DO00	Deposit count disallowed notes reject excess error during Deposit Count	Return the Notes to customer(Semi OK Code)
520DP00	Reject excess error (Communication error) during Deposit Count	1. Operate to initialize BRM(Recovery)
520DQ00	Reject excess error (Full & etc) during Deposit Count	1. Operate to initialize BRM(Recovery)
520DR00	Recognition Fail Error (Recognition test fail) during Deposit Count	1. Operate to initialize BRM(Recovery)
520DS00	Recognition Fail Error (No Recognition info) during Deposit Count	1. Operate to initialize BRM(Recovery)
520DT00	Recognition Fail Error (Only STX in Recognition info) during Deposit Count	1. Operate to initialize BRM(Recovery)
520DU00	Recognition Fail Error (Recognition info BCC NG) during Deposit Count	1. Operate to initialize BRM(Recovery)
520DV00	Recognition Fail Error (Recognition info MI NG) during Deposit Count	1. Operate to initialize BRM(Recovery)
520DW00	Recognition Fail Error (Recognition info Index Fail) during Deposit Count	1. Operate to initialize BRM(Recovery)
520DX00	Recognition Fail Error (Info BC Pass Info) during Deposit Count	1. Operate to initialize BRM(Recovery)
520DY00	Recognition Fail Error (Serial Number Data Format error) during Deposit Count	1. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
520F100	GM001 motor doesn't operate at a constant speed when the motor works during Deposit Count	1. Open the upper unit2. Check the Front Transport Path(2) gear rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Check GS804 Sensor Dark/Light Status and Initialize
520F200	GM002 motor doesn't operate at a constant speed when the motor works during Deposit Count	1. Open the upper unit2. Check the TOP Transport(4) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
520F400	GM004 motor doesn't operate at a constant speed when the motor works during Deposit Count	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
520F600	GM006 motor doesn't operate at a constant speed when the motor works during Deposit Count	1. Open the upper unit2. Check the customer service module (CSM 1-1, 1-2) gear and knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
520F700	GM007 motor doesn't operate at a constant speed when the motor works during Deposit Count	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
520F900	GM009 motor doesn't operate at a constant speed when the motor works during Deposit Count	1. Open the Transit Transport, related system point 2. Check the Transit Transport gear, knob rotates softly 3. Check GS019 Sensor Dark/Light Status and Initialize4. Check remained Notes and substance in the Transit Transport5. Initialize
520FA00	GM001 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Deposit Count	1. Open the upper unit2. Check the Front Transport Path(2) gear rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Check GS804 Sensor Dark/Light Status and Initialize
520FB00	GM002 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Deposit Count	1. Open the upper unit2. Check the TOP Transport(4) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
520FC00	GM004 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Deposit Count	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
520FD00	GM006 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Deposit Count	1. Open the upper unit2. Check the customer service module (CSM 1-1, 1-2) gear and knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
520FE00	GM007 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Deposit Count	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check GS017 Sensor Dark/Light Status4. Check remained Notes and substance in the upper Transport Path5. Initialize
520FF00	GM009 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Deposit Count	1. Open the Transit Transport, related system point 2. Check the Transit Transport gear, knob rotates softly 3. Check GS019 Sensor Dark/Light Status4. Check remained Notes and substance in the Transit Transport5. Initialize
520G100	Failure to 3Way Gate 0 degree mode conversion during Deposit Count	1. Open the upper unit2. Open the customer service module(1) and TOP Transport(4)3. Remove notes and substance in the Transport Path and 3way gate4. Check remained Notes and substance in the upper Transport Path5. Check GS008/GS009 Sensor status according to the gate location6. Initialize

Problem Code	Problem Description	Troubleshooting
520G200	Failure to 3Way Gate 120 degree mode conversion during Deposit Count	1. Open the upper unit2. Open the customer service module(1) and TOP Transport(4)3. Remove notes and substance in the Transport Path and 3way gate4. Check remained Notes and substance in the upper Transport Path5. Initialize
520GB00	Time Out to 3Way Gate Mode conversion during Deposit Count	1. Open the upper unit2. Open the customer service module(1) and TOP Transport(4)3. Remove notes and substance in the Transport Path and 3way gate4. Check remained Notes and substance in the upper Transport Path5. Initialize
520GC00	Failure to RTRJ Gate RJC Mode conversion during Deposit Count	1. Open the lower unit2. Open MID Transport(7)3. Check remained Notes and substance in the RT/RJC4. Check remained Notes in RT/RJC gate
520GD00	Failure to RTRJ Gate RTC Mode conversion during Deposit Count	1. Open the lower unit2. Open MID Transport(7)3. Check remained Notes and substance in the RT/RJC4. Check remained Notes in RT/RJC gate
520K100	Duplication S/N Error during Deposit Count	1. Check the duplicate note and remove the note.2. Operate to initialize BRM(Recovery)
520N100	The number of BC Reject notes is different from that of notes passing GS618/GS619 after stack reject notes in CSM during deposit count	1. Operate to initialize BRM(Recovery)
520N200	Limit count Exceed during Deposit Count	1. Return Notes to customer(Semi OK Code)
520N300	Limit amount during Deposit Count	1. Return Notes to customer(Semi OK Code)
520N400	Jam Message Receive Error during Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
520NA00	Checksum error when notes separate from TSK during Deposit Count	1. Operate to initialize BRM(Recovery)
520NB00	Error occurred by excess Deposit Insert Limitation Denomination during Deposit Count	1. Return Notes to customer(Semi OK Code)
520NC00	length different from separation part to stack part after transport during Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
520NK00	BC recognized notes have no cassette to be stacked during Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
520Q100	UTC detachment Error during Deposit Count	1. Open the upper unit2. Check GS010 Sensor Dark/Light Status3. Check UTC(6) installation condition
520Q200	TSK detachment Error during Deposit Count	1. Open the upper unit2. Check GS015 Sensor Dark/Light Status3. Check TSK(5) installation condition
520Q300	BMU Inter Lock Error during Deposit Count	1. Check Load/Removal of the upper unit2. Replace a cherry switch when error occurs
520Q400	BMU detackment Error during Deposit Count	1. Check Load/Removal of the upper unit
520Q500	Replenishment CST detachment Error during Deposit Count	1. Check the safe door open

Problem Code	Problem Description	Troubleshooting
520Q600	CSM detackment Error during Deposit Count	1. Open the upper unit2. Check to open/close CSM3. Check the sensors GS011
520Q800	BMD Inter Lock Error during Deposit Count	1. Check the lower Unit load/removal2. Replace a cherry switch when error occurs
520Q900	BMD detachment Error during Deposit Count	1. Check the lower Unit load/removal
520QA00	BC Open Error during Deposit Count	1. Open the upper unit2. Open the customer service module (CSM)3. Check the lock lever in the BC4. Check GS003 Sensor Dark/Light Status
520QS00	Receive Error Stop CMD during Deposit Count	1. Initialize
520R100	BM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
520R200	BM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
520R300	BM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
520SZ00	Receive undefined command during Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
521R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
521R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
521R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
521R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
521RF00	RC1 Feed Motor response timeout during Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
521RP00	RC1 PP response timeout during Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
522R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
522R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
522R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
522R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
522RF00	RC2 Feed Motor response timeout during Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
522RP00	RC2 PP response timeout during Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5230100	RC3 GS301 Light Jam during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5230200	RC3 GS302 Light Jam during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5230500	RC3 GS305 Light Jam during Deposit Count	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(C)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5231100	RC3 GS301 Dark Jam during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5231200	RC3 GS302 Dark Jam during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5231500	RC3 GS305 Dark Jam during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5232100	Error occurred by notes remained in RC3 GS301 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5232200	Error occurred by notes remained in RC3 GS302 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5232500	Error occurred by notes remained in RC3 GS305 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5233100	Sensor auto calibration error in RC3 GS301 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5233200	Sensor auto calibration error in RC3 GS302 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5233500	Sensor auto calibration error in RC3 GS305 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5234100	Extern lights check error in RC3 GS301 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5234200	Extern lights check error in RC3 GS302 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5234500	Extern lights check error in RC3 GS305 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5235100	Path error on transport path in RC3 GS301 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5235200	Path error on transport path in RC3 GS302 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5235500	Path error on transport path in RC3 GS305 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5236100	Path error on sensor except for transport path in RC3 GS301 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5236200	Path error on sensor except for transport path in RC3 GS302 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5236500	Path error on sensor except for transport path in RC3 GS305 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5237100	Error occurred by the notes disorder in RC3 GS301 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5237200	Error occurred by the notes disorder in RC3 GS302 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5237500	Error occurred by the notes disorder in RC3 GS305 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
523L100	Remaining notes stack process error in RC3 GS301 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
523L200	Remaining notes stack process error in RC3 GS302 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
523L500	Remaining notes stack process error in RC3 GS305 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
523R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
523R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
523R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
523R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
523RF00	RC3 Feed Motor response timeout during Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
523RP00	RC3 PP response timeout during Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5240100	RC4 GS401 Light Jam during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5240200	RC4 GS402 Light Jam during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5240500	RC4 GS405 Light Jam during Deposit Count	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(D)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5241100	RC4 GS401 Dark Jam during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5241200	RC4 GS402 Dark Jam during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5241500	RC4 GS405 Dark Jam during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5242100	Error occurred by notes remained in RC4 GS401 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5242200	Error occurred by notes remained in RC4 GS402 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5242500	Error occurred by notes remained in RC4 GS405 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5243100	Sensor auto calibration error in RC4 GS401 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5243200	Sensor auto calibration error in RC4 GS402 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5243500	Sensor auto calibration error in RC4 GS405 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5244100	Extern lights check error in RC4 GS401 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5244200	Extern lights check error in RC4 GS402 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5244500	Extern lights check error in RC4 GS405 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5245100	Path error on transport path in RC4 GS401 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5245200	Path error on transport path in RC4 GS402 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5245500	Path error on transport path in RC4 GS405 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5246100	Path error on sensor except for transport path in RC4 GS401 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5246200	Path error on sensor except for transport path in RC4 GS402 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5246500	Path error on sensor except for transport path in RC4 GS405 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5247100	Error occurred by the notes disorder in RC4 GS401 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5247200	Error occurred by the notes disorder in RC4 GS402 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5247500	Error occurred by the notes disorder in RC4 GS405 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
524L100	Remaining notes stack process error in RC4 GS401 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
524L200	Remaining notes stack process error in RC4 GS402 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
524L500	Remaining notes stack process error in RC4 GS405 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
524R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
524R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
524R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
524R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
524RF00	RC4 Feed Motor response timeout during Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
524RP00	RC4 PP response timeout during Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5250100	RC5 GS501 Light Jam during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5250200	RC5 GS502 Light Jam during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5250500	RC5 GS505 Light Jam during Deposit Count	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(E)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5251100	RC5 GS501 Dark Jam during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5251200	RC5 GS502 Dark Jam during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5251500	RC5 GS505 Dark Jam during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5252100	Error occurred by notes remained in RC5 GS501 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5252200	Error occurred by notes remained in RC5 GS502 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5252500	Error occurred by notes remained in RC5 GS505 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5253100	Sensor auto calibration error in RC5 GS501 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5253200	Sensor auto calibration error in RC5 GS502 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5253500	Sensor auto calibration error in RC5 GS505 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5254100	Extern lights check error in RC5 GS501 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5254200	Extern lights check error in RC5 GS502 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5254500	Extern lights check error in RC5 GS505 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5255100	Path error on transport path in RC5 GS501 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5255200	Path error on transport path in RC5 GS502 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5255500	Path error on transport path in RC5 GS505 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5256100	Path error on sensor except for transport path in RC5 GS501 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5256200	Path error on sensor except for transport path in RC5 GS502 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5256500	Path error on sensor except for transport path in RC5 GS505 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5257100	Error occurred by the notes disorder in RC5 GS501 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5257200	Error occurred by the notes disorder in RC5 GS502 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5257500	Error occurred by the notes disorder in RC5 GS505 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
525L100	Remaining notes stack process error in RC5 GS501 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
525L200	Remaining notes stack process error in RC5 GS502 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
525L500	Remaining notes stack process error in RC5 GS505 during Deposit Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
525R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
525R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
525R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
525R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
525RF00	RC5 Feed Motor response timeout during Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
525RP00	RC5 PP response timeout during Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5261H00	GS618/619 Dark Jam error during Deposit Count.	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5262100	CSM Residue Error during Deposit Count	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5262200	CSM No separation notes Error during Deposit Count	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5262300	CSM insert notes excess Error during Deposit Count	1. Operate to initialize BRM(Recovery)2. Check inserting notes into the CSM are over 300 counts at one time3. If BRM does not recovery open the outer/inner Shutter of CSM3.Remove notes and substance in the CSM(1)
5262500	CSM notes disappear Error during Deposit Count	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5262600	CSM notes appear Error during Deposit Count	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5262Z00	CSM Residue Error during during Deposit Count	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
526B100	CSM Notes insert position Error during Deposit Count	1. Return Notes to customer(Semi OK Code)2. If Notes don't retrun open the outer/inner Shutter and remove the notes
526B200	CSM Notes in abnormal position(GS601,GS603,GS610,GS611,GS616 중) after ready separation during Deposit Count	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
526B300	CSM Separate Mis-pickup during Deposit Count	1. Return Notes to customer(Semi OK Code)2. If Notes don't retrun open the outer/inner Shutter and remove the notes

Problem Code	Problem Description	Troubleshooting
526B400	CSM Separate disorder Jam (Front Skew) during Deposit Count	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
526B600	CSM Separate disorder Jam (Over Max Length) during Deposit Count	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
526B700	CSM Separate disorder Jam (Less Min Length) during Deposit Count	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
526B800	CSM Separate disorder Dark Jam during Deposit Count	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
526B900	CSM Low speed control 30 times over Error during Deposit Count	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
526BA00	CSM Over separation notes during collect lost notes during Deposit Count	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
526BC00	CSM Separate disorder Jam (Front Skew – V shaped Note) during Deposit Count	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
526BE00	CSM Residue Notes in separation part after separation during Deposit Count	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
526G100	Fail to move CSM BP to Stack Position during Deposit Count	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3. Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
526G200	Fail to move CSM BP to Deposit Position during Deposit Count	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3. Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
526G300	Fail to move CSM BP to Separation Position during Deposit Count	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3. Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
526G500	Fail to move CSM BP to Note-Out Position during Deposit Count	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3. Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
526G600	Fail to move CSM P-Roller to Home position during Deposit Count	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3. Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status

Problem Code	Problem Description	Troubleshooting
526G800	Fail to CSM return notes during Deposit Count	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
526G900	CSM GM601 Step out during Deposit Count	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
526GA00	Fail to move CSM BP to return note Position during Deposit Count	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
526GB00	Fail to move CSM FP to Deposit Position during Deposit Count	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Press and release FP check the FP rotate smoothly5. Check GS652 status(Dark & Light)
526GF00	Fail to move CSM G-Roller to Homeposition during Deposit Count	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
526GG00	Fail to move both CSM P/G-Roller to Homeposition during Deposit Count	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
526M200	CSM Inner Shutter Open Error during Deposit Count	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
526M300	CSM Inner Shutter Close Error during Deposit Count	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
526M400	CSM Outer Shutter Open Error during Deposit Count	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
526M500	CSM Outer Shutter Close Error during Deposit Count	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
526M600	CSM Outer Shutter is Opened during Deposit Count	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
526M700	CSM Inner Shutter Open during Stack during Deposit Count	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light

Problem Code	Problem Description	Troubleshooting
526M800	CSM Stopper Home position Fail during Deposit Count	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move PP Front5. Move Bill Stopper forward/backward and check GS668 sensor status6. Initialize
526M900	CSM Stopper Stack position Fail during Deposit Count	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move PP Front5. Move Bill Stopper forward/backward and check GS668 sensor status6. Initialize
526MB00	CSM Bill Supporter Up position Fail during Deposit Count	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Check the failure and breakage of Bill Lifter/Support5. Initialize
526MC00	CSM Bill Supporter Down position Fail during Deposit Count	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Check the failure and breakage of Bill Lifter/Support5. Initialize
526P100	CSM PP Withdrawal(Stack) position Fail during Deposit Count	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
526P200	CSM PP Deposit position Fail during Deposit Count	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
526P300	CSM PP Separation position Fail during Deposit Count	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
526P400	CSM PP collect lost notes position Fail during Deposit Count	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
526P500	CSM PP Note-out position Fail during Deposit Count	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
526P600	CSM PP Note-arrange position Fail during Deposit Count	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize

Problem Code	Problem Description	Troubleshooting
526P800	CSM PP Control Stack Fail during Deposit Count	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
526P900	CSM PP Return note position Fail during Deposit Count	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
526PD00	CSM PP Check semi-note Fail during Deposit Count	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
526PE00	CSM PP Bill SuCSM PPorter Up position Fail during Deposit Count	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
526R100	CSM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
526R200	CSM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
526R300	CSM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
526R600	CSM response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
526RB00	CSM BP response timeout during Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
526RF00	CSM Feed Motor response timeout during Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
526RL00	CSM Lift response timeout during Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
526RP00	CSM PP response timeout during Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
526RR00	CSM Bill supporter response timeout during Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
526RS00	CSM Inner Shutter response timeout during Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
526RT00	CSM Stopper response timeout during Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
526SA00	CSM Receive undefined command during Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
526SR00	CSM Sub Task for Wait Setting Error during Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5270100	TSK GS701 Light Jam during Deposit Count	1. Open the upper unit2. Open the TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) Transport PATH(4)
5270200	TSK GS702 Light Jam during Deposit Count	1. Open the upper unit2. Open the TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) Transport PATH(4)
5270300	TSK GS703,4 Light Jam during Deposit Count	1. Open the upper unit2. Open the TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) Transport PATH(4)
5270Z00	TSK All Light Jam during Deposit Count	1. Open the upper unit2. Open the TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) Transport PATH(4)
5271100	TSK GS701 Dark Jam during Deposit Count	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5271200	TSK GS702 Dark Jam during Deposit Count	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5271300	TSK GS703,4 Dark Jam during Deposit Count	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5271Z00	TSK All Dark Jam during Deposit Count	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5272100	Error occurred by notes remained in TSK GS701 during Deposit Count	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5272200	Error occurred by notes remained in TSK GS702 during Deposit Count	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5272300	Error occurred by notes remained in TSK GS703,4 during Deposit Count	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5272Z00	Error occurred by notes remained in TSK All Sensor during Deposit Count	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)

Problem Code	Problem Description	Troubleshooting
5275100	GS701 Path error on transport path during Deposit Count	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5275200	GS702 Path error on transport path during Deposit Count	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5277100	Error occurred by the notes disorder in GS701 during Deposit Count	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5277200	Error occurred by the notes disorder in GS702 during Deposit Count	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5277300	Error occurred by the notes disorder in TSK GS703,4 during Deposit Count	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5277Z00	Error occurred by the notes disorder in TSK All during Deposit Count	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
527C200	TSK Last note unclear during separation during Deposit Count	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Remove notes and substance TSK(5) 4. Close the upper unit5. Initialize
527CA00	TSK Incounted note is not Outcounted for 500ms during Deposit Count	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
527F200	TSK GM701 stepout during stack during Deposit Count	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5) 6. Rotate the knob of TSK(5) to find obstruction out
527F300	TSK GM701 F-Roller Homeposition fail during Deposit Count	1. Open the upper unit2. Open the TM(Test Module)3. Rotate the knob of TSK to check sensor(GS752) change 4. Rotate the knob of TSK(5) to find obstruction out
527G100	GM701 Return notes fail during Deposit Count	1. Open the upper unit2. Confirm to Rotate a knob of TSK(5) softly
527J100	TSK Full during Deposit Count	1. Open the upper unit2. Open the TSK(5)3. Check the notes remain in the TSK(5)4. Remove notes remain in the TSK
527L100	Remaining notes stack process error in TSK GS701 during Deposit Count	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
527L200	Remaining notes stack process error in TSK GS702 during Deposit Count	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
527L300	Remaining notes stack process error in TSK GS703,4 during Deposit Count	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
527LZ00	Remaining notes stack process error in TSK All during Deposit Count	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)

Problem Code	Problem Description	Troubleshooting
527M100	TSK Stopper Home position for initialize fail during Deposit Count	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if stopper was obstructed
527M200	TSK Stopper Stack position for initialize fail during Deposit Count	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if stopper was obstructed
527M300	TSK Stopper Return note position for initialize fail during Deposit Count	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if stopper was obstructed
527M400	TSK Stopper Lock FP Fail during Deposit Count	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if FP(Front Plate) was obstructed
527M500	TSK Stopper Unlock FP Fail during Deposit Count	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if FP(Front Plate) was obstructed
527P100	FP Sensor detect Dark Fail during Deposit Count	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if PP(Push Plate) was obstructed to rotate PP knob4. Check if FP(Front Plate) was obstructed to rotate
527P200	FP Sensor detect Light Fail during Deposit Count	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if PP(Push Plate) was obstructed to rotate PP knob4. Check if FP(Front Plate) was obstructed to rotate
527P300	PP Press position fail during Deposit Count	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if PP(Push Plate) was obstructed to rotate PP knob
527Q700	TSK Door Open during operation in Deposit Count	1. Close the door of TSK(5)
527R100	TSK response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
527R200	TSK response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
527R300	TSK response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
527R600	TSK response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
527RF00	TSK Feed Motor response timeout in Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
527RP00	TSK PP response timeout in Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
527RT00	TSK Stopper response timeout in Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
527S200	TSK Receive undefined command in Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
527SR00	TSK Sub Task for Wait Setting Error in Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
528HA01	GS801A Sensor Error during Deposit Count	1. Check GS801A2. Operate to initialize BRM(Recovery)
528HA02	GS801B Sensor Error during Deposit Count	1. Check GS801B2. Operate to initialize BRM(Recovery)
528HA03	GS801A, GS801B Sensor Error during Deposit Count	1. Check GS801A, GS801B2. Operate to initialize BRM(Recovery)
528HA04	GS802A Sensor Error during Deposit Count	1. Check GS802A2. Operate to initialize BRM(Recovery)
528HA05	GS801A, GS802A Sensor Error during Deposit Count	1. Check GS801A, GS802A2. Operate to initialize BRM(Recovery)
528HA06	GS801B, GS802A Sensor Error during Deposit Count	1. Check GS801B, GS802A2. Operate to initialize BRM(Recovery)
528HA07	GS801A, GS801B, GS802A Sensor Error during Deposit Count	1. Check GS801A, GS801B, GS802A2. Operate to initialize BRM(Recovery)
528HA08	GS802B Sensor Error during Deposit Count	1. Check GS802B2. Operate to initialize BRM(Recovery)
528HA09	GS801A, GS802B Sensor Error during Deposit Count	1. Check GS801A, GS802B2. Operate to initialize BRM(Recovery)
528HA10	GS801B, GS802B Sensor Error during Deposit Count	1. Check GS801B, GS802B2. Operate to initialize BRM(Recovery)
528HA11	GS801A, GS801B, GS802B Sensor Error during Deposit Count	1. Check GS801A, GS801B, GS802B2. Operate to initialize BRM(Recovery)
528HA12	GS802A, GS802B Sensor Error during Deposit Count	1. Check GS802A, GS802B2. Operate to initialize BRM(Recovery)
528HA13	GS801A, GS802A, GS802B Sensor Error during Deposit Count	1. Check GS801A, GS802A, GS802B2. Operate to initialize BRM(Recovery)
528HA14	GS801B, GS802A, GS802B Sensor Error during Deposit Count	1. Check GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
528HA15	GS801A, GS801B, GS802A, GS802B Sensor Error during Deposit Count	1. Check GS801A, GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
528HB01	MR Sensor Level Error during Deposit Count	1. Check MR Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
528HC02	UV_01 Sensor Level Error during Deposit Count	1. Check UV Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
528HF03	CIS Shading data loading Fail during Deposit Count	1. Operate shading in the BC CIS2. Operate to initialize BRM(Recovery)
528HF04	Detection DB Table loading Fail during Deposit Count	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
528HF05	BC FPGA Data checksum Fail during Deposit Count	1. Check to BC FPGA File2. Operate to initialize BRM(Recovery)
528HF06	BC FPGA Configuration Fail during Deposit Count	1. Re-download BC FPGA2. Change the BC B/D if continuous error.

Problem Code	Problem Description	Troubleshooting
528HF07	BC FPGA Header Information Loading Fail during Deposit Count	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
528HF08	BC FPGA Initialize Fail during Deposit Count	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
528HF09	BC FPGA VERSION Fail during Deposit Count	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
528HF11	Detection DB #01 loading Fail during Deposit Count	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
528HF12	Detection DB #02 loading Fail during Deposit Count	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
528HF13	Detection DB #03 loading Fail during Deposit Count	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
528HF14	Detection DB #04 loading Fail during Deposit Count	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
528HF15	Detection DB #05 loading Fail during Deposit Count	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
528HF16	Detection DB #06 loading Fail during Deposit Count	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
528HF17	Detection DB #07 loading Fail during Deposit Count	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
528HF18	Detection DB #08 loading Fail during Deposit Count	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
528HF19	Detection DB #09 loading Fail during Deposit Count	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
528HF20	Detection DB #10 loading Fail during Deposit Count	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
528HG01	Mode Set Error When Receive BC MODE Command (Mode Value is not 1 or 2 ) during Deposit Count	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
528HG02	Detection Level Set Error When Receive BC MODE Command (Detection Level Value is 0 ) during Deposit Count	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
528HG03	BC Transaction Ready Fail When Receive BC READY Command during Deposit Count	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
528HG04	Mode Set Error When Receive BC READY Command (Mode Value is not 1 or 2 ) during Deposit Count	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
528HG05	Detection Level Set Error When Receive BC READY Command (Detection Level Value is 0 ) during Deposit Count	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
528HG06	BC Entry Direction Set Error When Receive BC READY Command (Not Deposit/Withdrawal/Stack Direction ) during Deposit Count	1. Check BC putting direction.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
528HG07	Receive BC Unknown Command during Deposit Count	1. Check BC reception full command.1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization.
528HG08	The Number of Nations Set Error When Receive BC DATA WRITE Command (Over 0, 10) during Deposit Count	1. Check the number of supported country.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
528HG09	Nation Code Set Error When Receive BC DATA WRITE Command during Deposit Count	1. Check the supported country code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
528HG10	Detection DB of the Nation is not exist When Receive BC DATA WRITE Command during Deposit Count	1. Check the BC recognition DB of country.2. Download DB again after deleting all recognition DB3. Operate to initialize BRM(Recovery)4. Reboot the system when same error occurred after initialization.
528HG11	No Nation Code When Receive BC READY Command during Deposit Count	1. Check the country setting value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
528HG12	BC Version Value Set Error When Receive BC DATA WRITE Command (Not BC FPGA) during Deposit Count	1. Check the BC specifications devision and BC FPGA specifications.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initializatio
528HG20	Fail to Initialize CIS When Receive BC READY Command during Deposit Count	1. Operate to initialize BRM(Recovery)2. Check CIS part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
528HG21	Fail to ENCODER POWER ON When Receive BC READY Command during Deposit Count	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
528HG22	Fail to adjust DD Sensor DAC When Receive BC READY Command during Deposit Count	1. Operate to initialize BRM(Recovery)2. Check whether the sensor is contaminated or not if same error occurs after Initialize3. Reboot the system when same error occurs even though there is no substance.
528HG23	DD Sensor DAC Set Error When Receive BC READY Command during Deposit Count	1. Operate to initialize BRM(Recovery)2. Check DD sensor part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
528HG24	ENCODER Mode Set Error When Receive BC READY Command during Deposit Count	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance
528HG30	Counterfeit Note List CRC Error When Receive BC SERIAL NO Command during Deposit Count	1. Check the forged notes list CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
528HG31	Not Receive The Number of Counterfeit Note Lists and CRC When Receive BC SERIAL NO Command during Deposit Count	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
528HG32	Over The Number of Counterfeit Note Lists When Receive BC SERIAL NO Command (Over 200) during Deposit Count	1. Check the whole number of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
528HG33	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Nation Code 0) during Deposit Count	1. Check the country code of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
528HG34	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Length Over 2~29) during Deposit Count	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
528HG36	Note Number Detection Mode Set Error When Receive BC MODE Command (Mode Value is Not 0, 1, 2) during Deposit Count	1. Check to the recognized mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
528HG37	Transaction Classification Set Error When Receive BC MODE Command (Classification Value is Not 0, 1, 2) during Deposit Count	1. Check to the transaction setting.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
528HG38	Counterfeit Note List Search Classification Set Error When Receive BC SERIAL NO Command 위조지폐 목록 검색 구분 설정 오류 (Classification Value is Not 1, 2, 3 ) during Deposit Count	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
528HG39	Counterfeit Note List Note Number Set Error When Receive BC SERIAL NO Command (Use '*' When Search Note Number Part) during Deposit Count	1. Check the forged notes list's note numbers.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
528HG3A	BC MODE SET Bill Management Level Set Error (Over 1~5) during Deposit Count	1. Check check management mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
528HG3B	Over The Number of BC MODE SET Back Codes (Over 15) during Deposit Count	1. Check the number of check issued by our bank code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
528HG40	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use End Number at First When Search Note Number Part) during Deposit Count	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
528HG41	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use Start Number at Last When Search Note Number Part) during Deposit Count	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
528HG42	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Wrong Start/End Number Order When Search Note Number Part) during Deposit Count	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
528HG43	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Use Wrong Length Value When Search Note Number Part) during Deposit Count	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
528HG44	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Use Wrong Nation Code When Search Note Number Part) during Deposit Count	1. Check the forged notes list's country-code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
528HG45	Not Receive The Number of Bill Number Tables and CRC When Receive Check No Write Command during Deposit Count	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
528HG46	Bill Number Error When Receive Check No Write Command during Deposit Count	1. Check the check number when registering check number.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
528HG47	Bill Number Table Length Set Error When Receive Check No Write Command (Length Over 0~50) during Deposit Count	1. Check check number table's length.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
528HG48	Bill Number Table CRC Error When Receive Check No Write Command during Deposit Count	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
528HG49	Over The Number of Bill Number Tables When Receive Check No Write Command (Over 5) during Deposit Count	1. Check check total number of tables.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
528HH01	Fail to Delete NAND FLASH during Deposit Count	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
528HH02	NAND FLASH Delete BLOCK Set Error When Download Detection DB during Deposit Count	1. Download DB again after checking recognition DB's delete index.2. Operate to initialize BRM(Recovery)
528HH03	Fail to Download Detection DB during Deposit Count	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
528HH04	NAND FLASH Download BLOCK Set Error When Download Detection DB during Deposit Count	1. Download DB again after checking recognition DB's index.2. Operate to initialize BRM(Recovery)
528HH05	Detection DB Download File Check Error during Deposit Count	1. Download DB again after checking recognition DB file.2. Operate to initialize BRM(Recovery)
528HH06	Detection DB Download File Size Error during Deposit Count	1. Download DB again after checking recognition DB download file.2. Operate to initialize BRM(Recovery)
528HH07	DB Table Save Error After Download Detection DB during Deposit Count	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
528HH08	Over Detection DB Download (Over 10) during Deposit Count	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
528HH09	Detection DB Header Information Error during Deposit Count	1. Download DB again after deleting recognition DB.2. Operate to initialize BRM(Recovery)
528HH10	EP Download Fail during Deposit Count	1. Re-download BC EP.2. Change the BC B/D if continuous error.
528HH11	EP Download Check Error during Deposit Count	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
528HH12	EP Download File Size Error during Deposit Count	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
528HH13	EP Download File ID Error (Not EPAP/EPBT/EPFP) during Deposit Count	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
528HH14	BC FPGA Download Fail during Deposit Count	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
528HH15	Header Information Save Error After BC FPGA Download during Deposit Count	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
528HH16	Not Provide BC FPGA Download during Deposit Count	1. Check BC FPGA VERSION.2. Change the BC B/D if continuous error.

Problem Code	Problem Description	Troubleshooting
528HH17	EEPROM READ/WRITE Error during Deposit Count	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
528HH18	Receive Unit Serial Number Undefined Option during Deposit Count	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
528HH19	Receive USB Undefined Command during Deposit Count	1. Check USB Command from BC and retry the operation2. Check BC version and Update EP3. Change the BC B/D if continuous error.
528HH20	No BC Process Note When Receive Image Upload Command during Deposit Count	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
528HH21	FC1 Set Error When Receive Image Upload Command during Deposit Count	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
528HH22	BC is Processing Note When Receive Image Upload Command during Deposit Count	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
528HH23	FC2 Set Error When Receive Image Upload Command during Deposit Count	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
528HH24	Not Provide Total Image Upload Function during Deposit Count	1. Check if SP or TM is out of date.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
528HH25	Not Provide Note Number Detection Image Upload Function during Deposit Count	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
528HH26	FC2 Set Error When Receive Image Information Upload Command during Deposit Count	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
528HH27	BRM Transaction Mode is Not Same with Image Upload Command Mode during Deposit Count	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
528HH28	BRM Transaction Mode is Not Same with Replenishment/Collect Cash Image Upload Command Mode during Deposit Count	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
528HH29	No BC Process Note When Receive Replenishment/Collect Cash Image Upload Command during Deposit Count	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
528HH2A	FC1 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Deposit Count	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
528HH2B	BC is Processing Note When Receive Replenishment/Collect Cash Image Upload Command during Deposit Count	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.

Problem Code	Problem Description	Troubleshooting
528HH2C	FC2 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Deposit Count	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
528HH2D	Not Provide Replenishment/Collect Cash Image Upload Function during Deposit Count	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
528HH2E	Note Image Upload Index is Not Same When Receive Replenishment/Collect Cash Image Upload Command during Deposit Count	1. Get BC log and image.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
528HI01	RecogTask Messeage Timeout Error during Deposit Count	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
528HI02	ScanTask Messeage Timeout Error during Deposit Count	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
528HI03	UartTask Messeage Timeout Error during Deposit Count	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
528HI04	BcUsbTask Messeage Timeout Error during Deposit Count	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
528HJ01	Algorithm Initialize Fail during Deposit Count	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
528HJ02	Algorithm Ready Fail during Deposit Count	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
528HJ03	Algorithm Information Set Error during Deposit Count	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
528HK01	Table CRC Error When Set Poly-Note Withdrawal Information during Deposit Count	1. Retry the operation
528HK02	CST Note Information Set Number Error When Set Poly-Note Withdrawal Information (n is 0 or over 256) during Deposit Count	1. Check the number of CST Setting notes info
528HK03	Withdrawal Note Number Set Error When Set Poly-Note Withdrawal Information ( n is 0 or over 3000) during Deposit Count	1. Check Withdrawal notes setting
528HK04	Note Information (Not CST Set Note) is Set in Withdrawal Note Information When Set Poly-Note Withdrawal Information during Deposit Count	1. Check Withdrawal notes info
528HS01	FPGA Write Data Error When Initialize Scan Driver during Deposit Count	1. Retry the operation.2. Operate to initialize BRM(Recovery)
528HS02	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver during Deposit Count	1. Retry the operation.2. Operate to initialize BRM(Recovery)
528HS03	Fail to Set CIS Led On Value When Initialize Scan Driver during Deposit Count	1. Retry the operation.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
528HS04	Fail to Set Source of Scan Light When Initialize Scan Driver during Deposit Count	1. Retry the operation.2. Operate to initialize BRM(Recovery)
528HS05	Not Process Shading When Initialize Scan Driver during Deposit Count	1. Perform CiS Shading.2. Operate to initialize BRM(Recovery)
528HS08	Fail to Set DAC When Initialize Scan Driver during Deposit Count	1. Retry the operation.2. Operate to initialize BRM(Recovery)
528HS11	FPGA Write Data Error When BC Ready during Deposit Count	1. Retry the operation.2. Operate to initialize BRM(Recovery)
528HS12	Fail to Power On When BC Ready Sensor(MR/UV/DD/Encoder/Entry Sensor) during Deposit Count	1. Retry the operation.2. Operate to initialize BRM(Recovery)
528HS13	Fail to Set CIS Led On Value When BC Ready during Deposit Count	1. Retry the operation.2. Operate to initialize BRM(Recovery)
528HS14	Fail to Set Source of Scan Ligh When BC Ready during Deposit Count	1. Retry the operation.2. Operate to initialize BRM(Recovery)
528HS15	Not Process Shading When BC Ready during Deposit Count	1. Retry the operation.2. Operate to initialize BRM(Recovery)
528HS17	Fail to Set AFE Chip When BC Ready during Deposit Count	1. Retry the operation.2. Operate to initialize BRM(Recovery)
528HS18	Fail to Set DAC When BC Ready during Deposit Count	1. Retry the operation.2. Operate to initialize BRM(Recovery)
528HS19	MR/UV/DD Sampling Start Error When BC Ready during Deposit Count	1. Retry the operation.2. Operate to initialize BRM(Recovery)
528HS1A	Fail to Set 2-Notes DAC When BC Ready during Deposit Count	1. Check whether double notes sensor is contaminate or not.2. Check whether double notes sensor is connected.3. Retry the operation.4. Change the BC if continuous error.
528HS1B	2-Notes to 1-Note Adjust Information Error When BC Ready during Deposit Count	1. Perform calibration info about double notes or one note.2. Operate to initialize BRM(Recovery)
528HS22	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver When Stop BC during Deposit Count	1. Retry the operation.2. Operate to initialize BRM(Recovery)
528HS28	Fail to Set DAC When Stop BC during Deposit Count	1. Retry the operation.2. Operate to initialize BRM(Recovery)
528HS29	MR/UV/DD Sampling Stop Error When Stop BC during Deposit Count	1. Retry the operation.2. Operate to initialize BRM(Recovery)
528HS31	BC Ready Fail When Process CIS Shading – Use in Plant during Deposit Count	1. Perform calibration info about double notes or one note and double notes DAC2. Retry the operation
528HS32	Dark Adjust Fail When Process CIS Shading – Use in Plant during Deposit Count	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Change CIS and Cable5. Change BC
528HS33	Over Target Gap When Process CIS Shading Shading – Use in Plant during Deposit Count	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
528HS34	Fail to Write Result Value Flash When Process CIS Shading – Use in Plant during Deposit Count	1. Retry the operation2. Change BC

Problem Code	Problem Description	Troubleshooting
528HS35	BC Stop Fail When Process CIS Shading – Use in Plant during Deposit Count	1. Retry the operation2. Change BC
528HS36	Over 10Pixel-Excess-Image When Process CIS Shading during Deposit Count	1. Retry the operation2. Check CIS note quility and setting status3. Check CIS Connection Status4. Change BC
528HS37	Dark Shading Result Value is Standard Over When Process CIS Shading during Deposit Count	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Retry the operation5. Change BC
528HS38	Max Ontime Ove When Process CIS Shadingr – Use in Plant during Deposit Count	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
528HS39	Fail to Set Source of Shading Light When Process CIS Shading – Use in Plant during Deposit Count	1. Retry the operation2. Change BC
528HS41	Fail to Adjust 2-Notes DAC (Less Than MIN) – Use in Plant during Deposit Count	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the operation4. Change BC
528HS42	Fail to Adjust 2-Notes DAC (Over MAX) – Use in Plant during Deposit Count	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the operation4. Change BC
528HS43	2-Notes Adjust Flash Write Fail – Use in Plant during Deposit Count	1. Retry the operation2. Change BC
528R100	BC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
528R200	BC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
528R300	BC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
528R600	BC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
528S100	BCU response MI error during Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
528S200	BCU response BCC error during Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
528S300	BCU response Sub MI error during Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
528S400	BCU response Parameter error during Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
528S900	BCU response Timeout Error during Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
52A2100	Error occurred by notes remained in GS801 during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
52A2200	Error occurred by notes remained in GS002 during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
52A2300	Error occurred by notes remained in GS003 during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
52A2400	Error occurred by notes remained in GS004 during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
52A2500	Error occurred by notes remained in GS005 during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
52A2600	Error occurred by notes remained in GS006 during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
52A2700	Error occurred by notes remained in GS014 during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
52A2800	Error occurred by notes remained in GS018 during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
52A2900	Error occurred by notes remained in GS020 during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
52A2A00	Error occurred by notes remained in GS021 during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
52A2C00	Error occurred by the notes remained in the BCU(CIS Sensor or DD Sensor) during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
52A2E00	Error occurred by notes remained in GS001 during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
52A2H00	Error occurred by notes remained in GS618 during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
52A2J00	Error occurred by notes remained in GS619 during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
52A2K00	Error occurred by notes remained in GS701,702 during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
52A2M00	Error occurred by notes remained in GSA01 during Deposit Count	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
52A2N00	Error occurred by notes remained in GSA02 during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
52A2P00	Error occurred by notes remained in GSA03 during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
52A2Q00	Error occurred by notes remained in GSD01 during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
52A2W00	Error occurred by notes remained in GS802 during Deposit Count	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
52AA100	UTC open Error before operation Deposit Count	1. Open the upper unit. 2. Check the UTC removal and reinstallation

Problem Code	Problem Description	Troubleshooting
52AA200	TSK open Error before operation Deposit Count	1. Open the upper unit. 2. Check the TSK open and close
52AA300	BMU Inter Lock Error before operation Deposit Count	1. Check BMU open and close
52AA400	BMU open Error before operation Deposit Count	1. Check BMU open and close
52AA500	Replenishment CST open Error before operation Deposit Count	1. Check the Transit CST installation
52AA600	CSM open Error before operation Deposit Count	1. Open the upper unit. 2. Check CSM Open/Close
52AA800	BMD Inter Lock Error before operation Deposit Count	1. Open the lower unit. 2. Check the BMD open and close
52AA900	BMD open Error before operation Deposit Count	1. Open the lower unit. 2. Check the BMD open and close
52AAA00	BC Open Error before operation Deposit Count	1. Open the upper unit. 2. Check BC Open/Close
52AAB00	RC Full Error before operation Deposit Count	1. Open the lower unit. 2. Check RC Full and remove notes
52AAC00	RJC Full Error before operation Deposit Count	1. Open the upper unit. 2. Check RJC Full and remove notes
52AAD00	UTC Full Error before operation Deposit Count	1. Open the upper unit. 2. Remove UTC and open the UTC Door3. Remove notes and reinstallation UTC
52AAE00	RTC Full Error before operation Deposit Count	1. Open the lower unit. 2. Remove RT/RJC and open the Door3. Remove notes and reinstall RT/RJC
52AAF00	RC Empty Error before operation Deposit Count	1. Open the lower unit. 2. Remove RC and open the RC Door, Check the Empty Status3. Reinstall the RC
52AAG00	Suspected note RC open Error before operation Deposit Count	1. Open the lower unit. 2. Check the RC removal and reinstall
52AAH00	Status of BMU loading in the BMU Test Mode before the operation during Deposit Count	1. Check Load/Removal of the upper unit2. Replace a cherry switch when error occurs
52AAJ00	Deposit Count is not supported in the setting Test Mode	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
52AE100	Received operation command without Initial Info Set during Deposit Count	1. Restart over AP-SP2. Do transaction operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
52AE200	Status on not operation reception command during Deposit Count	1. Restart over AP-SP2. Do transaction operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
52AE300	Received operation command without System Info Read during Deposit Count	1. Restart over AP-SP2. Do transaction operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
52AE400	Transaction was executed without Initializing after power on during Deposit Count	1. Restart over AP-SP2. Do transaction operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
52AEE00	RBU RS485 communication sequence disorder during Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization

Problem Code	Problem Description	Troubleshooting
52AEF00	RBU RS485 connection line disorder during Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
52AEL00	RBU communication was not ready after power on during Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
52AH600	Failure to check clearing NVRAM during Deposit Count	1. Operate to initialize BRM(Recovery)
52AHF00	Transaction count exists but GS801A sensor no change during Deposit Count	1. Check GS801A2. Operate to initialize BRM(Recovery)
52AHG00	Transaction count exists but GS801B sensor no change during Deposit Count	1. Check GS801B2. Operate to initialize BRM(Recovery)
52AHH00	Transaction count exists but GS802A sensor no change during Deposit Count	1. Check GS802A2. Operate to initialize BRM(Recovery)
52AHJ00	Transaction count exists but GS802B sensor no change during Deposit Count	1. Check GS802B2. Operate to initialize BRM(Recovery)
52AN700	TSK stack counts is different with BC pass info of normal count in the Deposit Count	1. Operate to initialize BRM(Recovery)
52ANF00	RTC1 stack count is different with fake count during deposit count	1. Operate to initialize BRM(Recovery)
52AR100	Message timeout error during operation ready during Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
52AR200	Message timeout error during transation operation during Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
52AR300	Message timeout error during error postprocessing during Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
52AR800	RBU/BC sensor auto dimming response message timeout error during Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
52ARC00	BC response message timeout error during Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
52ARJ00	Message timeout error during Stop Ready during Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
52BR000	RBU Response Timeout during Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
52BR700	RBU Response Message Timeout during Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
52BS100	RBU RS-232 Seq Num Echo Error during Deposit Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
52BS200	RBU RS-232 MI Echo Error during Deposit Count	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
52BSS00	RBU Auto Calibration Command Parameter Error during Deposit Count	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
52CR100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
52CR200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
52CR300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
52CR600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
52CRF00	RC6 Feed Motor response timeout during Deposit Count	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
52CRP00	RC6 PP response timeout during Deposit Count	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
52ER100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
52ER200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
52ER300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
52ER600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
52ERF00	CST Feed Motor response timeout during Deposit Count	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
52ERP00	CST PP response timeout during Deposit Count	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
52FRF00	RC7 Feed Motor response timeout during Deposit Count	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
52FRP00	RC7 PP response timeout during Deposit Count	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
52US100	USB Bulk Sequence Error during Deposit Count.	1. Restart over AP-SP
52US300	USB Bulk Received Length Error during Deposit Count.	1. Reboot the system
52US400	Message transmission Error from USB to Main Task during Deposit Count.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
52US500	Message reception Error from MainTask to USB during Deposit Count.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
52USCMD	Bulk command data check error during Deposit Count. (USB communication failure)	1. Restart over AP-SP
52USCRC	CRC data check error during Deposit Count. (USB communication failure)	1. Restart over AP-SP
52USLEN	Bulk length error during Deposit Count. (USB communication failure)	1. Restart over AP-SP
5300100	GS801 Light Jam error during Deposit End	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5300200	GS002 Light Jam error during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5300300	GS003 Light Jam error during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5300400	GS004 Light Jam error during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5300500	GS005 Light Jam error during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5300600	GS006 Light Jam error during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5300700	GS014 Light Jam error during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5300800	GS018 Light Jam error during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5300900	GS020 Light Jam error during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5300A00	GS021 Light Jam error during Deposit End	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5300C00	GS030 Light Jam error during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5300E00	GS001 Light Jam error during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5300H00	GS618 Light Jam error during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5300J00	GS619 Light Jam error during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5300M00	GSA01 Light Jam error during Deposit End	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5300N00	GSA02 Light Jam error during Deposit End	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5300P00	GSA03 Light Jam error during Deposit End	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5300Q00	GSD01 Light Jam error during Deposit End	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5300W00	GS802 Light Jam error during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5301100	GS801 Dark Jam error during Deposit End	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5301200	GS002 Dark Jam error during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5301300	GS003 Dark Jam error during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5301400	GS004 Dark Jam error during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5301500	GS005 Dark Jam error during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5301600	GS006 Dark Jam error during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5301700	GS014 Dark Jam error during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5301800	GS018 Dark Jam error during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5301900	GS020 Dark Jam error during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5301A00	GS021 Dark Jam error during Deposit End	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5301C00	GS030 Dark Jam error during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5301E00	GS001 Dark Jam error during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5301H00	GS618 Dark Jam error during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5301J00	GS619 Dark Jam error during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5301M00	GSA01 Dark Jam error during Deposit End	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5301N00	GSA02 Dark Jam error during Deposit End	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5301P00	GSA03 Dark Jam error during Deposit End	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5301Q00	GSD01 Dark Jam error during Deposit End	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5301W00	GS802 Dark Jam error during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5302100	Error occurred by notes remained in GS801 during Deposit End	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5302200	Error occurred by notes remained in GS002 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5302300	Error occurred by notes remained in GS003 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5302400	Error occurred by notes remained in GS004 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5302500	Error occurred by notes remained in GS005 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5302600	Error occurred by notes remained in GS006 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5302700	Error occurred by notes remained in GS014 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5302800	Error occurred by notes remained in GS018 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5302900	Error occurred by notes remained in GS020 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5302A00	Error occurred by notes remained in GS021 during Deposit End	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5302C00	Error occurred by notes remained in GS030 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5302E00	Error occurred by notes remained in GS001 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5302H00	Error occurred by notes remained in GS618 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5302J00	Error occurred by notes remained in GS619 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5302M00	Error occurred by notes remained in GSA01 during Deposit End	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5302N00	Error occurred by notes remained in GSA02 during Deposit End	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5302P00	Error occurred by notes remained in GSA03 during Deposit End	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5302Q00	Error occurred by notes remained in GSD01 during Deposit End	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5302W00	Error occurred by notes remained in GS802 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5305100	GS801 Path error on transport path during Deposit End	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5305200	GS002 Path error on transport path during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5305300	GS003 Path error on transport path during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5305400	GS004 Path error on transport path during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5305500	GS005 Path error on transport path during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5305600	GS006 Path error on transport path during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5305700	GS014 Path error on transport path during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5305800	GS018 Path error on transport path during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5305900	GS020 Path error on transport path during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5305A00	GS021 Path error on transport path during Deposit End	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5305C00	GS030 Path error on transport path during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5305E00	GS001 Path error on transport path during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5305H00	GS618 Path error on transport path during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5305J00	GS619 Path error on transport path during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5305M00	GSA01 Path error on transport path during Deposit End	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5305N00	GSA02 Path error on transport path during Deposit End	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5305P00	GSA03 Path error on transport path during Deposit End	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5305Q00	GSD01 Path error on transport path during Deposit End	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5305W00	GS802 Path error on transport path during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5306100	GS801 Path error on sensor except for transport path during Deposit End	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5306200	GS002 Path error on sensor except for transport path during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5306300	GS003 Path error on sensor except for transport path during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5306400	GS004 Path error on sensor except for transport path during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5306500	GS005 Path error on sensor except for transport path during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5306600	GS006 Path error on sensor except for transport path during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5306700	GS014 Path error on sensor except for transport path during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5306800	GS018 Path error on sensor except for transport path during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5306900	GS020 Path error on sensor except for transport path during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5306A00	GS021 Path error on sensor except for transport path during Deposit End	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5306C00	GS030 Path error on sensor except for transport path during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5306E00	GS001 Path error on sensor except for transport path during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5306H00	GS618 Path error on sensor except for transport path during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5306J00	GS619 Path error on sensor except for transport path during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5306M00	GSA01 Path error on sensor except for transport path during Deposit End	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5306N00	GSA02 Path error on sensor except for transport path during Deposit End	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5306P00	GSA03 Path error on sensor except for transport path during Deposit End	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5306Q00	GSD01 Path error on sensor except for transport path during Deposit End	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5306W00	GS802 Path error on sensor except for transport path during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5307100	Error occurred by the notes disorder in GS801 during Deposit End	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5307200	Error occurred by the notes disorder in GS002 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5307300	Error occurred by the notes disorder in GS003 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5307400	Error occurred by the notes disorder in GS004 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5307500	Error occurred by the notes disorder in GS005 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5307600	Error occurred by the notes disorder in GS006 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5307700	Error occurred by the notes disorder in GS014 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5307800	Error occurred by the notes disorder in GS018 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5307900	Error occurred by the notes disorder in GS020 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5307A00	Error occurred by the notes disorder in GS021 during Deposit End	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5307C00	Error occurred by the notes disorder in GS030 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5307E00	Error occurred by the notes disorder in GS001 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5307H00	Error occurred by the notes disorder in GS618 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5307J00	Error occurred by the notes disorder in GS619 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5307M00	Error occurred by the notes disorder in GSA01 during Deposit End	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5307N00	Error occurred by the notes disorder in GSA02 during Deposit End	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5307P00	Error occurred by the notes disorder in GSA03 during Deposit End	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5307Q00	Error occurred by the notes disorder in GSD01 during Deposit End	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5307W00	Error occurred by the notes disorder in GS802 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
530D100	Reject excess error (continue Reject error) during Deposit End	1. Open the upper unit2. Open the shutter of CSM3. Check the separate part status of CSM
530D200	Reject excess error (notes excess error) during Deposit End	1. Open the upper unit2. Open the shutter of CSM3. Check the separate part status of CSM
530D300	Reject excess error (Unappointed notes error) during Deposit End	1. Check the Deposited Denomination
530D400	Reject excess error (Cassette note error) during Deposit End	1. Check the Deposited Denomination
530D500	Reject excess error (2notes) during Deposit End	1. Open the upper unit2. Open the shutter of CSM3. Check the separate part status of CSM

Problem Code	Problem Description	Troubleshooting
530D600	Reject excess error (Gap error(1note)) during Deposit End	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
530D700	Reject excess error (Gap error(2notes)) during Deposit End	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
530D800	Reject excess error (skew error) during Deposit End	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
530D900	Reject excess error (shift error) during Deposit End	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
530DA00	Reject excess error (Max length error(1note)) during Deposit End	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
530DB00	Reject excess error (Max length error(2notes)) during Deposit End	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
530DC00	Reject excess error (Max length error(3notes)) during Deposit End	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
530DD00	Reject excess error (Max length error(4notes)) during Deposit End	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
530DE00	Reject excess error (Min length error(1note)) during Deposit End	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
530DF00	Reject excess error (Min length error(2notes)) during Deposit End	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
530DG00	Reject excess error (note error) during Deposit End	1. Check the Deposited Denomination
530DH00	Reject excess error (MR error) during Deposit End	1. Check the Notes(Failure to Notes recognition)
530DJ00	Reject excess error (IR error) during Deposit End	1. Check the Notes(Failure to Notes recognition)
530DK00	Reject excess error (Edge error) during Deposit End	1. Check the Notes(Failure to Notes recognition)
530DL00	Reject excess error (Image error) during Deposit End	1. Check the Notes(Failure to Notes recognition)
530DM00	Reject excess error (UV error) during Deposit End	1. Check the Notes(Failure to Notes recognition)
530DN00	Reject excess error (Sensor error) during Deposit End	1. Operate to initialize BRM(Recovery)
530DO00	Deposit count disallowed notes reject excess error during Deposit End	Return the Notesto customer(Semi OK Code)
530DP00	Reject excess error (Communication error) during Deposit End	1. Operate to initialize BRM(Recovery)
530DQ00	Reject excess error (Full & etc) during Deposit End	1. Operate to initialize BRM(Recovery)
530DR00	Recognition Fail Error (Recognition test fail) during Deposit End	1. Operate to initialize BRM(Recovery)
530DS00	Recognition Fail Error (No Recognition info) during Deposit End	1. Operate to initialize BRM(Recovery)
530DT00	Recognition Fail Error (Only STX in Recognition info) during Deposit End	1. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
530DU00	Recognition Fail Error (Recognition info BCC NG) during Deposit End	1. Operate to initialize BRM(Recovery)
530DV00	Recognition Fail Error (Recognition info MI NG) during Deposit End	1. Operate to initialize BRM(Recovery)
530DW00	Recognition Fail Error (Recognition info Index Fail) during Deposit End	1. Operate to initialize BRM(Recovery)
530DX00	Recognition Fail Error (Info BC Pass Info) during Deposit End	1. Operate to initialize BRM(Recovery)
530DY00	Recognition Fail Error (Serial Number Data Format error) during Deposit End	1. Operate to initialize BRM(Recovery)
530F100	GM001 motor doesn't operate at a constant speed when the motor works during Deposit End	1. Open the upper unit2. Check the Front Transport Path(2) gear rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Check GS804 Sensor Dark/Light Status and Initialize
530F200	GM002 motor doesn't operate at a constant speed when the motor works during Deposit End	1. Open the upper unit2. Check the TOP Transport(4) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
530F400	GM004 motor doesn't operate at a constant speed when the motor works during Deposit End	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
530F600	GM006 motor doesn't operate at a constant speed when the motor works during Deposit End	1. Open the upper unit2. Check the customer service module (CSM 1-1, 1-2) gear and knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
530F700	GM007 motor doesn't operate at a constant speed when the motor works during Deposit End	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
530F900	GM009 motor doesn't operate at a constant speed when the motor works during Deposit End	1. Open the Transit Transport, related system point 2. Check the Transit Transport gear, knob rotates softly 3. Check GS019 Sensor Dark/Light Status and Initialize4. Check remained Notes and substance in the Transit Transport5. Initialize
530FA00	GM001 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Deposit End	1. Open the upper unit2. Check the Front Transport Path(2) gear rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Check GS804 Sensor Dark/Light Status and Initialize
530FB00	GM002 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Deposit End	1. Open the upper unit2. Check the TOP Transport(4) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
530FC00	GM004 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Deposit End	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
530FD00	GM006 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Deposit End	1. Open the upper unit2. Check the customer service module (CSM 1-1, 1-2) gear and knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize

Problem Code	Problem Description	Troubleshooting
530FE00	GM007 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Deposit End	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check GS017 Sensor Dark/Light Status4. Check remained Notes and substance in the upper Transport Path5. Initialize
530FF00	GM009 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Deposit End	1. Open the Transit Transport, related system point 2. Check the Transit Transport gear, knob rotates softly 3. Check GS019 Sensor Dark/Light Status4. Check remained Notes and substance in the Transit Transport5. Initialize
530G100	Failure to 3Way Gate 0 degree mode conversion during Deposit End	1. Open the upper unit2. Open the customer service module(1) and TOP Transport(4)3. Remove notes and substance in the Transport Path and 3way gate4. Check remained Notes and substance in the upper Transport Path5. Initialize
530G200	Failure to 3Way Gate 120 degree mode conversion during Deposit End	1. Open the upper unit2. Open the customer service module(1) and TOP Transport(4)3. Remove notes and substance in the Transport Path and 3way gate4. Check remained Notes and substance in the upper Transport Path5. Initialize
530GB00	Time Out to 3Way Gate Mode conversion during Deposit End	1. Open the upper unit2. Open the customer service module(1) and TOP Transport(4)3. Remove notes and substance in the Transport Path and 3way gate4. Check remained Notes and substance in the upper Transport Path5. Initialize
530GC00	Failure to RTRJ Gate RJC Mode conversion during Deposit End	1. Open the lower unit2. Open MID Transport(7)3. Check remained Notes and substance in the RT/RJC4. Check remained Notes in RT/RJC gate
530GD00	Failure to RTRJ Gate RTC Mode conversion during Deposit End	1. Open the lower unit2. Open MID Transport(7)3. Check remained Notes and substance in the RT/RJC4. Check remained Notes in RT/RJC gate
530K100	Duplication S/N Error during Deposit End	1. Check the duplicate note and remove the note.2. Operate to initialize BRM(Recovery)
530N400	Jam Message Receive Error during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
530NA00	Checksum error when notes separate from TSK during Deposit End	1. Operate to initialize BRM(Recovery)
530NC00	length different from separation part to stack part after transport during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
530NK00	BC recognized notes have no cassette to be stacked during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
530Q100	UTC detachment Error during Deposit End	1. Open the upper unit2. Check GS010 Sensor Dark/Light Status3. Check UTC(6) installation condition
530Q200	TSK detachment Error during Deposit End	1. Open the upper unit2. Check GS015 Sensor Dark/Light Status3. Check TSK(5) installation condition
530Q300	BMU Inter Lock Error during Deposit End	1. Check Load/Removal of the upper unit2. Replace a cherry switch when error occurs
530Q400	BMU detackment Error during Deposit End	1. Check Load/Removal of the upper unit

Problem Code	Problem Description	Troubleshooting
530Q500	Replenishment CST detachment Error during Deposit End	1. Check the safe door open
530Q600	CSM detackment Error during Deposit End	1. Open the upper unit2. Check to open/close CSM3. Check the sensors GS011
530Q800	BMD Inter Lock Error during Deposit End	1. Check the lower Unit load/removal2. Replace a cherry switch when error occurs
530Q900	BMD detachment Error during Deposit End	1. Check the lower Unit load/removal
530QA00	BC Open Error during Deposit End	1. Open the upper unit2. Open the customer service module (CSM)3. Check the lock lever in the BC4. Check GS003 Sensor Dark/Light Status
530QS00	Receive Error Stop CMD during Deposit End	1. Initialize
530R100	BM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
530R200	BM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
530R300	BM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
530SZ00	Receive undefined command during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5310100	RC1 GS101 Light Jam during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5310200	RC1 GS102 Light Jam during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5310500	RC1 GS105 Light Jam during Deposit End	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(A)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5310Z00	RC1 All Light Jam during Deposit End	1. Operate to initialize BRM.(Recovery)
5311100	RC1 GS101 Dark Jam during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5311200	RC1 GS102 Dark Jam during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5311500	RC1 GS105 Dark Jam during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5311Z00	All RC1 Sensor Dark Jam during Deposit End	1. Operate to initialize BRM.(Recovery)
5312100	Error occurred by notes remained in RC1 GS101 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5312200	Error occurred by notes remained in RC1 GS102 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5312500	Error occurred by notes remained in RC1 GS105 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5312Z00	Error occurred by notes remained in All RC1 Sensor during Deposit End	1. Operate to initialize BRM.(Recovery)
5313100	RC1 GS101 Sensor auto calibration error during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5313200	RC1 GS102 Sensor auto calibration error during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5313500	RC1 GS105 Sensor auto calibration error during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5313Z00	All RC1 Sensor auto calibration error during Deposit End	1. Operate to initialize BRM.(Recovery)
5314100	RC1 GS101 Extern lights check error during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5314200	RC1 GS102 Extern lights check error during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5314500	RC1 GS105 Extern lights check error during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5314Z00	All RC1 Sensor Extern lights check error during Deposit End	1. Operate to initialize BRM.(Recovery)
5315100	RC1 GS101 Path error on transport path during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5315200	RC1 GS102 Path error on transport path during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5315500	RC1 GS105 Path error on transport path during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5315Z00	All RC1 Sensor Path error on transport path during Deposit End	1. Operate to initialize BRM.(Recovery)
5316100	RC1 GS101 Path error on sensor except for transport path during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5316200	RC1 GS102 Path error on sensor except for transport path during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5316500	RC1 GS105 Path error on sensor except for transport path during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5316Z00	RC1 All Path error on sensor except for transport path during Deposit End	1. Operate to initialize BRM.(Recovery)
5317100	Error occurred by the notes disorder in RC1 GS101 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5317200	Error occurred by the notes disorder in RC1 GS102 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5317500	Error occurred by the notes disorder in RC1 GS105 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5317Z00	Error occurred by the notes disorder in RC1 All during Deposit End	1. Operate to initialize BRM.(Recovery)
531G100	RC1 Failure of returning notes (GS101,GS102 Sensors detect no notes) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
531G200	RC1 Failure to move PP to stack position during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (A)4. Open the recycle cassette door(A) 5. Check cassette status to move stage up and down
531G400	RC1 Failure to upword moving of PP during RC1 stack roller retreat movement during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (A)4. Open the recycle cassette door(A) 5. Check cassette status to move stage up and down
531G500	RC1 Failure to stack roller retreat (GS113 Sensor no change) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
531G600	RC1 Stack Roller retreat position disorder during RC Separation during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
531G700	RC1 Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS107) no change) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
531G800	RC1 Failure to move PP to press position (GS108 Sensor Dark Fail) during Deposit End	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(A).4. Check the stage status after open the recycle cassette(A).5. Check the upper side of the recycle cassette
531GA00	RC1 Solenoid Echo error during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A) and reload4. Replace the cassette when same error occurs
531GB00	RC1 Feed Roller homeposition Sensor(GS107) Light detect fail during RC Stack during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
531GC00	RC1 Feed Roller homeposition Sensor(GS107) Dark detect fail during RC Stack during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
531GD00	RC1 GS101,GS102 Detect notes during move RC Feed Roller to homeposition during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
531GE00	RC1 GS108 detect dark before move RC Feed Roller to homeposition during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note.
531GF00	RC1 Notes Setting error during initialize (GS114, Bottom Sensor(GS112) both dark) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note.
531GG00	RC1 Stack Roller Sensor(GS113) detect light during RC FM Stack during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
531GH00	RC1 Stack Roller Sensor(GS113) detect dark during RC FM Stack during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
531GJ00	RC1 Stack Roller retreat fail (Motor Overrun) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
531GK00	RC1 Stack Roller retreat fail (Motor speed error) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
531GL00	RC1 Feed Roller homeposition fail (Motor speed error) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
531GQ00	RJC Press and Stack position fail during Deposit End	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
531GR00	RJC Stack position fail during Deposit End	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
531GS00	RC1 RJC Press position fail during Deposit End	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
531GT00	RC1 GS151 fail to detect dark when PP moves down during RJC PP Stack during Deposit End	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.

Problem Code	Problem Description	Troubleshooting
531GU00	RC1 GS151 fail to detect light when PP moves down during RJC PP Stack during Deposit End	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
531GV00	RC1 GS152 fail to detect dark when PP moves down during RJC PP Stack during Deposit End	1. Open the lower unit.2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note.
531GW00	RC1 GS151 fail to detect light when PP moves down during RJC initialize during Deposit End	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
531GX00	RC1 GS101 detects notes during RJC intialize during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
531J100	RJC Full during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
531J200	RC1 No Residue during Deposit End	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(A).4. Check the notes remain after open the recycle cassette door(A)5. Fill up the Notes if there are no notes
531J300	Full,Bottom no detect before move RC1 PP to stack position during Deposit End	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(A).4. Check the stage status after open the recycle cassette(A).5. Check contamination of GS111/GS112 sensor.
531R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
531R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
531R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
531R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
531RF00	RC1 Feed Motor response timeout during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
531RP00	RC1 PP response timeout during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
531S200	RC1 Receive undefined command during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
531S300	RC1 Task not for separation receive separation command during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
531SA00	RC1 Sub Task receive undefined command during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
531SR00	RC1 Sub Task for Wait Setting Error during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5320100	RC2 GS201 Light Jam during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5320200	RC2 GS202 Light Jam during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5320500	RC2 GS205 Light Jam during Deposit End	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(B)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5320Z00	RC2 All Light Jam during Deposit End	1. Operate to initialize BRM.(Recovery)
5321100	RC2 GS201 Dark Jam during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5321200	RC2 GS202 Dark Jam during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5321500	RC2 GS205 Dark Jam during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5321Z00	RC2 All Dark Jam during Deposit End	1. Operate to initialize BRM.(Recovery)
5322100	Error occurred by notes remained in RC2 GS201 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5322200	Error occurred by notes remained in RC2 GS202 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5322500	Error occurred by notes remained in RC2 GS205 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5322Z00	Error occurred by notes remained in RC2 All Sensor during Deposit End	1. Operate to initialize BRM.(Recovery)
5323100	Sensor auto calibration error in RC2 GS201 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5323200	Sensor auto calibration error in RC2 GS202 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5323500	Sensor auto calibration error in RC2 GS205 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5323Z00	Sensor auto calibration error in RC2 All Sensor during Deposit End	1. Operate to initialize BRM.(Recovery)
5324100	Extern lights check error in RC2 GS201 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5324200	Extern lights check error in RC2 GS202 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5324500	Extern lights check error in RC2 GS205 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5324Z00	Extern lights check error in RC2 All Sensor during Deposit End	1. Operate to initialize BRM.(Recovery)
5325100	Path error on transport path in RC2 GS201 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5325200	Path error on transport path in RC2 GS202 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5325500	Path error on transport path in RC2 GS205 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5325Z00	Path error on transport path in RC2 All Sensor during Deposit End	1. Operate to initialize BRM.(Recovery)
5326100	Path error on sensor except for transport path in RC2 GS201 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5326200	Path error on sensor except for transport path in RC2 GS202 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5326500	Path error on sensor except for transport path in RC2 GS205 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5326Z00	Path error on sensor except for transport path in RC2 All during Deposit End	1. Operate to initialize BRM.(Recovery)
5327100	Error occurred by the notes disorder in RC2 GS201 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5327200	Error occurred by the notes disorder in RC2 GS202 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5327500	Error occurred by the notes disorder in RC2 GS205 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5327Z00	Error occurred by the notes disorder in RC2 All during Deposit End	1. Operate to initialize BRM.(Recovery)
532G100	RC2 Failure of returning notes (GS201,GS202 Sensors detect no notes) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
532G200	RC2 Failure to move PP to stack position during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (B)4. Open the recycle cassette door (B)5. Check cassette status to move stage up and down

Problem Code	Problem Description	Troubleshooting
532G400	RC2 Failure to upword moving of PP during RC2 stack roller retreat movement during Deposit End	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette (B) . 4. Open the recycle cassette door (B).5. Check cassette status to move stage up and down
532G500	RC2 Failure to stack roller retreat (GS213 Sensor no change) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
532G600	RC2 Stack Roller retreat position disorder during RC Separation during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
532G700	RC2 Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS207) no change) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
532G800	RC2 Failure to move PP to press position (GS208 Sensor Dark Fail) during Deposit End	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(B).4. Check the stage status after open the recycle cassette(B).5. Check the upper side of the recycle cassette
532GA00	RC2 Solenoid Echo error during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (B) after removing recycle cassette4. Replace the cassette when same error occurs
532GB00	RC2 Feed Roller homeposition Sensor(GS207) Light detect fail during RC Stack during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
532GC00	RC2 Feed Roller homeposition Sensor(GS207) Dark detect fail during RC Stack during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
532GD00	RC2 GS201,GS202 Detect notes during move RC Feed Roller to homeposition during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
532GE00	RC2 GS208 detect dark before move RC Feed Roller to homeposition during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note.
532GF00	RC2 Notes Setting error during initialize (GS214, Bottom Sensor(GS212) both dark) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note.
532GG00	RC2 Stack Roller Sensor(GS213) detect light during RC FM Stack during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
532GH00	RC2 Stack Roller Sensor(GS213) detect dark during RC FM Stack during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
532GJ00	RC2 Stack Roller retreat fail (Motor Overrun) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
532GK00	RC2 Stack Roller retreat fail (Motor speed error) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
532GL00	RC2 Feed Roller homeposition fail (Motor speed error) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
532J200	RC2 No Residue during Deposit End	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(B).4. Check the notes remain after open the recycle cassette door(B).5. Fill up the Notes if there are no notes
532J300	RC2 Full,Bottom no detect before move RC PP to stack position during Deposit End	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(B).4. Check the stage status after open the recycle cassette(B).5. Check contamination of GS211/GS212 sensor.
532R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
532R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
532R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
532R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
532RF00	RC2 Feed Motor response timeout during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
532RP00	RC2 PP response timeout during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
532S200	RC2 Receive undefined command during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
532S300	RC2 Task not for separation receive separation command during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
532SA00	RC2 Sub Task receive undefined command during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
532SR00	RC2 Sub Task for Wait Setting Error during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5330100	RC3 GS301 Light Jam during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5330200	RC3 GS302 Light Jam during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5330500	RC3 GS305 Light Jam during Deposit End	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(C)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5330Z00	RC3 All Light Jam during Deposit End	1. Operate to initialize BRM.(Recovery)
5331100	RC3 GS301 Dark Jam during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5331200	RC3 GS302 Dark Jam during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5331500	RC3 GS305 Dark Jam during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5331Z00	RC3 All Dark Jam during Deposit End	1. Operate to initialize BRM.(Recovery)
5332100	Error occurred by notes remained in RC3 GS301 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5332200	Error occurred by notes remained in RC3 GS302 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5332500	Error occurred by notes remained in RC3 GS305 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5332Z00	Error occurred by notes remained in RC3 All during Deposit End	1. Operate to initialize BRM.(Recovery)
5333100	Sensor auto calibration error in RC3 GS301 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5333200	Sensor auto calibration error in RC3 GS302 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5333500	Sensor auto calibration error in RC3 GS305 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5333Z00	Sensor auto calibration error in RC3 All during Deposit End	1. Operate to initialize BRM.(Recovery)
5334100	Extern lights check error in RC3 GS301 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5334200	Extern lights check error in RC3 GS302 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5334500	Extern lights check error in RC3 GS305 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5334Z00	Extern lights check error in RC3 All during Deposit End	1. Operate to initialize BRM.(Recovery)
5335100	Path error on transport path in RC3 GS301 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5335200	Path error on transport path in RC3 GS302 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5335500	Path error on transport path in RC3 GS305 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5335Z00	Path error on transport path in RC3 All during Deposit End	1. Operate to initialize BRM.(Recovery)
5336100	Path error on sensor except for transport path in RC3 GS301 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5336200	Path error on sensor except for transport path in RC3 GS302 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5336500	Path error on sensor except for transport path in RC3 GS305 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5336Z00	Path error on sensor except for transport path in RC3 All during Deposit End	1. Operate to initialize BRM.(Recovery)
5337100	Error occurred by the notes disorder in RC3 GS301 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5337200	Error occurred by the notes disorder in RC3 GS302 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5337500	Error occurred by the notes disorder in RC3 GS305 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5337Z00	Error occurred by the notes disorder in RC3 All during Deposit End	1. Operate to initialize BRM.(Recovery)
533G100	RC3 Failure of returning notes (GS301,GS302 Sensors detect no notes) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
533G200	RC3 Failure to move PP to stack position during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (C)4. Open the recycle cassette door (C)5. Check cassette status to move stage up and down

Problem Code	Problem Description	Troubleshooting
533G400	RC3 Failure to upword moving of PP during RC3 stack roller retreat movement during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (C)4. Open the recycle cassette door (C)5. Check cassette status to move stage up and down
533G500	RC3 Failure to stack roller retreat (GS313 Sensor no change) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
533G600	RC3 Stack Roller retreat position disorder during RC Separation during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
533G700	RC3 RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS307) no change) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
533G800	RC3 Failure to move PP to press position (GS308 Sensor Dark Fail) during Deposit End	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(C).4. Check the stage status after open the recycle cassette(C).5. Check the upper side of the recycle cassette
533GA00	RC3 RC Solenoid Echo error during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (C) after removing recycle cassette4. Replace the cassette when same error occurs
533GB00	RC3 Feed Roller homeposition Sensor(GS307) Light detect fail during RC Stack during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
533GC00	RC3 Feed Roller homeposition Sensor(GS307) Dark detect fail during RC Stack during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
533GD00	RC3 GS301,GS302 Detect notes during move RC Feed Roller to homeposition during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
533GE00	RC3 GS308 detect dark before move RC Feed Roller to homeposition during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note.
533GF00	RC3 Notes Setting error during initialize (GS314, Bottom Sensor(GS312) both dark) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note.
533GG00	RC3 Stack Roller Sensor(GS313) detect light during RC FM Stack during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
533GH00	RC3 Stack Roller Sensor(GS313) detect dark during RC FM Stack during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
533GJ00	RC3 RC Stack Roller retreat fail (Motor Overrun) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
533GK00	RC3 RC Stack Roller retreat fail (Motor speed error) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
533GL00	RC3 RC Feed Roller homeposition fail (Motor speed error) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
533J200	RC3 No Residue during Deposit End	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(C).4. Check the notes remain after open the recycle cassette door(C).5. Fill up the Notes if there are no notes
533J300	RC3 Full,Bottom no detect before move RC PP to stack position during Deposit End	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(C).4. Check the stage status after open the recycle cassette(C).5. Check contamination of GS311/GS312 sensor.
533L100	Remaining notes stack process error in RC3 GS301 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
533L200	Remaining notes stack process error in RC3 GS302 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
533L500	Remaining notes stack process error in RC3 GS305 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
533R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
533R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
533R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
533R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
533RF00	RC3 Feed Motor response timeout during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
533RP00	RC3 PP response timeout during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
533S200	RC3 Receive undefined command during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
533S300	RC3 RC Task not for separation receive separation command during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
533SA00	RC3 RC Sub Task receive undefined command during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
533SR00	RC3 Sub Task for Wait Setting Error during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5340100	RC4 GS401 Light Jam during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5340200	RC4 GS402 Light Jam during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5340500	RC4 GS405 Light Jam during Deposit End	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(D)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5340Z00	RC4 All Sensor Light Jam during Deposit End	1. Operate to initialize BRM.(Recovery)
5341100	RC4 GS401 Dark Jam during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5341200	RC4 GS402 Dark Jam during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5341500	RC4 GS405 Dark Jam during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5341Z00	RC4 All Sensor Dark Jam during Deposit End	1. Operate to initialize BRM.(Recovery)
5342100	Error occurred by notes remained in RC4 GS401 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5342200	Error occurred by notes remained in RC4 GS402 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5342500	Error occurred by notes remained in RC4 GS405 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5342Z00	Error occurred by notes remained in RC4 All during Deposit End	1. Operate to initialize BRM.(Recovery)
5343100	Sensor auto calibration error in RC4 GS401 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5343200	Sensor auto calibration error in RC4 GS402 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5343500	Sensor auto calibration error in RC4 GS405 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5343Z00	Sensor auto calibration error in RC4 All during Deposit End	1. Operate to initialize BRM.(Recovery)
5344100	Extern lights check error in RC4 GS401 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5344200	Extern lights check error in RC4 GS402 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5344500	Extern lights check error in RC4 GS405 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5344Z00	Extern lights check error in RC4 All during Deposit End	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5345100	Path error on transport path in RC4 GS401 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5345200	Path error on transport path in RC4 GS402 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5345500	Path error on transport path in RC4 GS405 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5345Z00	Path error on transport path in RC4 All during Deposit End	1. Operate to initialize BRM.(Recovery)
5346100	Path error on sensor except for transport path in RC4 GS401 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5346200	Path error on sensor except for transport path in RC4 GS402 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5346500	Path error on sensor except for transport path in RC4 GS405 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5346Z00	Path error on sensor except for transport path in RC4 All during Deposit End	1. Operate to initialize BRM.(Recovery)
5347100	Error occurred by the notes disorder in RC4 GS401 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5347200	Error occurred by the notes disorder in RC4 GS402 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5347500	Error occurred by the notes disorder in RC4 GS405 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5347Z00	Error occurred by the notes disorder in RC4 All during Deposit End	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
534G100	RC4 Failure of returning notes (GS401,GS402 Sensors detect no notes) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
534G200	RC4 Failure to move PP to stack position during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (D)4. Open the recycle cassette door (D)5. Check cassette status to move stage up and down
534G400	RC4 Failure to upward moving of PP during RC4 stack roller retreat movement during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (D)4. Open the recycle cassette door (D)5. Check cassette status to move stage up and down
534G500	RC4 Failure to stack roller retreat (GS413 Sensor no change) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
534G600	RC4 Stack Roller retreat position disorder during RC Separation during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
534G700	RC4 RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS407) no change) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
534G800	RC4 Failure to move PP to press position (GS408 Sensor Dark Fail) during Deposit End	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(D).4. Check the stage status after open the recycle cassette(D).5. Check the upper side of the recycle cassette
534GA00	RC4 RC Solenoid Echo error during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (D) after removing recycle cassette4. Replace the cassette when same error occurs
534GB00	RC4 Feed Roller homeposition Sensor(GS407) Light detect fail during RC Stack during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
534GC00	RC4 Feed Roller homeposition Sensor(GS407) Dark detect fail during RC Stack during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
534GD00	RC4 GS401,GS402 Detect notes during move RC Feed Roller to homeposition during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
534GE00	RC4 GS408 detect dark before move RC Feed Roller to homeposition during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note.

Problem Code	Problem Description	Troubleshooting
534GF00	RC4 Notes Setting error during initialize (GS414, Bottom Sensor(GS412) both dark) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note.
534GG00	RC4 Stack Roller Sensor(GS413) detect light during RC FM Stack during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
534GH00	RC4 Stack Roller Sensor(GS413) detect dark during RC FM Stack during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
534GJ00	RC4 RC Stack Roller retreat fail (Motor Overrun) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
534GK00	RC4 RC Stack Roller retreat fail (Motor speed error) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
534GL00	RC4 RC Feed Roller homeposition fail (Motor speed error) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
534J200	RC4 No Residue during Deposit End	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(D).4. Check the notes remain after open the recycle cassette door(D)5. Fill up the Notes if there are no notes
534J300	RC4 Full,Bottom no detect before move RC PP to stack position	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(D).4. Check the stage status after open the recycle cassette(D).5. Check contamination of GS411/GS412 sensor.
534L100	Remaining notes stack process error in RC4 GS401 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
534L200	Remaining notes stack process error in RC4 GS402 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
534L500	Remaining notes stack process error in RC4 GS405 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
534R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
534R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
534R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
534R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
534RF00	RC4 Feed Motor response timeout during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
534RP00	RC4 PP response timeout during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
534S200	RC4 Receive undefined command during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
534S300	RC4 RC Task not for separation receive separation command during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
534SA00	RC4 RC Sub Task receive undefined command during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
534SR00	RC4 Sub Task for Wait Setting Error during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5350100	RC5 GS501 Light Jam during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5350200	RC5 GS502 Light Jam during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5350500	RC5 GS505 Light Jam during Deposit End	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(E).4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5350Z00	RC5 All Light Jam during Deposit End	1. Operate to initialize BRM.(Recovery)
5351100	RC5 GS501 Dark Jam during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5351200	RC5 GS502 Dark Jam during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5351500	RC5 GS505 Dark Jam during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5351Z00	RC5 All Dark Jam during Deposit End	1. Operate to initialize BRM.(Recovery)
5352100	Error occurred by notes remained in RC5 GS501 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5352200	Error occurred by notes remained in RC5 GS502 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5352500	Error occurred by notes remained in RC5 GS505 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5352Z00	Error occurred by notes remained in RC5 All during Deposit End	1. Operate to initialize BRM.(Recovery)
5353100	Sensor auto calibration error in RC5 GS501 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5353200	Sensor auto calibration error in RC5 GS502 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5353500	Sensor auto calibration error in RC5 GS505 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5353Z00	Sensor auto calibration error in RC5 All during Deposit End	1. Operate to initialize BRM.(Recovery)
5354100	Extern lights check error in RC5 GS501 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5354200	Extern lights check error in RC5 GS502 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5354500	Extern lights check error in RC5 GS505 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5354Z00	Extern lights check error in RC5 All during Deposit End	1. Operate to initialize BRM.(Recovery)
5355100	Path error on transport path in RC5 GS501 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5355200	Path error on transport path in RC5 GS502 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5355500	Path error on transport path in RC5 GS505 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5355Z00	Path error on transport path in RC5 All during Deposit End	1. Operate to initialize BRM.(Recovery)
5356100	Path error on sensor except for transport path in RC5 GS501 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5356200	Path error on sensor except for transport path in RC5 GS502 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5356500	Path error on sensor except for transport path in RC5 GS505 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5356Z00	Path error on sensor except for transport path in RC5 All during Deposit End	1. Operate to initialize BRM.(Recovery)
5357100	Error occurred by the notes disorder in RC5 GS501 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5357200	Error occurred by the notes disorder in RC5 GS502 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5357500	Error occurred by the notes disorder in RC5 GS505 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5357Z00	Error occurred by the notes disorder in RC5 All during Deposit End	1. Operate to initialize BRM.(Recovery)
535G100	RC5 Failure of returning notes (GS501,GS502 Sensors detect no notes) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
535G200	RC5 Failure to move PP to stack position during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (E)4. Open the recycle cassette door (E)5. Check cassette status to move stage up and down
535G400	RC5 Failure to upward moving of PP during RC5 stack roller retreat movement during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (E)4. Open the recycle cassette door (E)5. Check cassette status to move stage up and down
535G500	RC5 Failure to stack roller retreat (GS513 Sensor no change) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
535G600	RC5 Stack Roller retreat position disorder during RC Separation during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
535G700	RC5 Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS507) no change) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
535G800	RC5 Failure to move PP to press position (GS508 Sensor Dark Fail) during Deposit End	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(E).4. Check the stage status after open the recycle cassette(E).5. Check the upper side of the recycle cassette
535GA00	RC5 Solenoid Echo error during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (E) after removing recycle cassette4. Replace the cassette when same error occurs
535GB00	RC5 Feed Roller homeposition Sensor(GS507) Light detect fail during RC Stack during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
535GC00	RC5 Feed Roller homeposition Sensor(GS507) Dark detect fail during RC Stack during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
535GD00	RC5 GS501,GS502 Detect notes during move RC Feed Roller to homeposition during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
535GE00	RC5 GS508 detect dark before move RC Feed Roller to homeposition during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note.
535GF00	RC5 Notes Setting error during initialize (GS514, Bottom Sensor(GS512) both dark) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note.
535GG00	RC5 Stack Roller Sensor(GS513) detect light during RC FM Stack during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
535GH00	RC5 Stack Roller Sensor(GS513) detect dark during RC FM Stack during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
535GJ00	RC5 Stack Roller retreat fail (Motor Overrun) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
535GK00	RC5 Stack Roller retreat fail (Motor speed error) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
535GL00	RC5 Feed Roller homeposition fail (Motor speed error) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
535J200	RC5 No Residue during Deposit End	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(E).4. Check the notes remain after open the recycle cassette door(E).5. Fill up the Notes if there are no notes
535J300	RC5 Full,Bottom no detect before move RC PP to stack position during Deposit End	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(E).4. Check the stage status after open the recycle cassette(E).5. Check contamination of GS511/GS512 sensor.

Problem Code	Problem Description	Troubleshooting
535L100	Remaining notes stack process error in RC5 GS501 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
535L200	Remaining notes stack process error in RC5 GS502 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
535L500	Remaining notes stack process error in RC5 GS505 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
535R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
535R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
535R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
535R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
535RF00	RC5 Feed Motor response timeout during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
535RP00	RC5 PP response timeout during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
535S200	RC5 Receive undefined command during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
535S300	RC5 Task not for separation receive separation command during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
535SA00	RC5 Sub Task receive undefined command during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
535SR00	RC5 Sub Task for Wait Setting Error during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5361H00	GS618/619 Dark Jam error during Deposit End.	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5362100	CSM Residue Error during Deposit End	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5362200	CSM No separation notes Error during Deposit End	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5362300	CSM insert notes excess Error during Deposit End	1. Operate to initialize BRM(Recovery)2. Check inserting notes into the CSM are over 300 counts at one time3. If BRM does not recovery open the outer/inner Shutter of CSM3.Remove notes and substance in the CSM(1)
5362500	CSM notes disappear Error during Deposit End	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5362600	CSM notes appear Error during Deposit End	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5362Z00	CSM Residue Error during during Deposit End	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
536G100	Fail to move CSM BP to Stack Position during Deposit End	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
536G200	Fail to move CSM BP to Deposit Position during Deposit End	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
536G300	Fail to move CSM BP to Separation Position during Deposit End	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
536G500	Fail to move CSM BP to Note-Out Position during Deposit End	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
536G600	Fail to move CSM P-Roller to Home position during Deposit End	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
536G800	Fail to CSM return notes during Deposit End	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
536G900	CSM GM601 Step out during Deposit End	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status

Problem Code	Problem Description	Troubleshooting
536GA00	Fail to move CSM BP to return note Position during Deposit End	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
536GB00	Fail to move CSM FP to Deposit Position during Deposit End	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Press and release FP check the FP rotate smoothly5. Check GS652 status(Dark & Light)
536GF00	Fail to move CSM G-Roller to Homeposition during Deposit End	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
536GG00	Fail to move both CSM P/G-Roller to Homeposition during Deposit End	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
536M200	CSM Inner Shutter Open Error during Deposit End	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
536M300	CSM Inner Shutter Close Error during Deposit End	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
536M400	CSM Outer Shutter Open Error during Deposit End	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
536M500	CSM Outer Shutter Close Error during Deposit End	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
536M600	CSM Outer Shutter is Opened during Deposit End	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
536M700	CSM Inner Shutter Open during Stack during Deposit End	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
536M800	CSM Stopper Home position Fail during Deposit End	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move PP Front5. Move Bill Stopper forward/backward and check GS668 sensor status6. Initialize
536M900	CSM Stopper Stack position Fail during Deposit End	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move PP Front5. Move Bill Stopper forward/backward and check GS668 sensor status6. Initialize

Problem Code	Problem Description	Troubleshooting
536MB00	CSM Bill Supporter Up position Fail during Deposit End	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Check the failure and breakage of Bill Lifter/Support5. Initialize
536MC00	CSM Bill Supporter Down position Fail during Deposit End	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Check the failure and breakage of Bill Lifter/Support5. Initialize
536P100	CSM PP Withdrawal(Stack) position Fail during Deposit End	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
536P200	CSM PP Deposit position Fail during Deposit End	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
536P300	CSM PP Separation position Fail during Deposit End	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
536P400	CSM PP collect lost notes position Fail during Deposit End	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
536P500	CSM PP Note-out position Fail during Deposit End	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
536P600	CSM PP Note-arrange position Fail during Deposit End	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
536P800	CSM PP Control Stack Fail during Deposit End	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize

Problem Code	Problem Description	Troubleshooting
536P900	CSM PP Return note position Fail during Deposit End	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
536PD00	CSM PP Check semi-note Fail during Deposit End	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
536PE00	CSM PP Bill SuCSM PPorter Up position Fail during Deposit End	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
536R100	CSM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
536R200	CSM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
536R300	CSM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
536R600	CSM response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
536RB00	CSM BP response timeout during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
536RF00	CSM Feed Motor response timeout during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
536RL00	CSM Lift response timeout during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
536RP00	CSM PP response timeout during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
536RR00	CSM Bill supporter response timeout during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
536RS00	CSM Inner Shutter response timeout during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
536RT00	CSM Stopper response timeout during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
536SA00	CSM Receive undefined command during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
536SR00	CSM Sub Task for Wait Setting Error during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5370100	TSK GS701 Light Jam during Deposit End	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5370200	TSK GS702 Light Jam during Deposit End	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5370300	TSK GS703,4 Light Jam during Deposit End	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5370900	GS020 Light Jam error during Deposit Cancel(TSK motor Step out)	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5370Z00	TSK All Light Jam during Deposit End	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5371100	TSK GS701 Dark Jam during Deposit End	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5371200	TSK GS702 Dark Jam during Deposit End	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5371300	TSK GS703,4 Dark Jam during Deposit End	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5371Z00	TSK All Dark Jam during Deposit End	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5372100	Error occurred by notes remained in TSK GS701 during Deposit End	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5372200	Error occurred by notes remained in TSK GS702 during Deposit End	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5372300	Error occurred by notes remained in TSK GS703,4 during Deposit End	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5372Z00	Error occurred by notes remained in TSK All Sensor during Deposit End	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)

Problem Code	Problem Description	Troubleshooting
5377100	Error occurred by the notes disorder in TSK GS701 during Deposit End	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5377200	Error occurred by the notes disorder in TSK GS702 during Deposit End	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5377300	Error occurred by the notes disorder in TSK GS703,4 during Deposit End	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5377Z00	Error occurred by the notes disorder in TSK All during Deposit End	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
537B200	Note detected in TSK Entry After Separate Ready during Deposit End	1. Open the upper unit2. Open the TSK(Temporary StackKer) (5)3. Remove notes and substance on the PATH(4)
537B300	TSK GM701 motor status change failed(Timeout exceeded) during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
537C100	TSK Miss-pickup during separation during Deposit End	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) 4. If the same symptoms occur frequently, change the P-roller rubber
537C200	TSK Last note unclear during separation during Deposit End	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) 4. Close the upper unit5. Initialize
537C300	TSK Last note No front detect during separataion during Deposit End	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
537C400	TSK Last note No rear detect during separataion during Deposit End	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
537C500	TSK Max Length NG occur 10 times Dark Jam during Deposit End	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) 4. If the same symptoms occur frequently, change the TSK(5)
537C600	TSK Max length note stucked in entry Light Jam during Deposit End	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
537C700	TSK Light Jam Retry Over Error during Deposit End	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
537C800	TSK Max length note go out from TSK during motor stop and stucked in BM during Deposit End	1. Open the upper unit2. Open the TSK(Temporary StackKer) (5)3. Remove notes and substance on the PATH(4)
537C900	TSK Low speed control 30 times over Error during Deposit End	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) 4. If the same symptoms occur frequently, change the TSK(5)

Problem Code	Problem Description	Troubleshooting
537CA00	TSK Incounted note is not Outcounted for 500ms during Deposit End	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
537F100	TSK GM701 stepout during separation during Deposit End	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5) 6. Rotate the knob of TSK(5) to find obstruction out
537F300	TSK GM701 F-Roller Homeposition fail during Deposit End	1. Open the upper unit2. Open the TM(Test Module)3. Rotate the knob of TSK to check sensor(GS752) change 4. Rotate the knob of TSK(5) to find obstruction out
537G100	GM701 Return notes fail during Deposit End	1. Open the upper unit2. Confirm to Rotate a knob of TSK(5) softly
537J100	TSK Full during Deposit End	1. Open the upper unit2. Open the TSK(5)3. Check the notes remain in the TSK(5)4. Remove notes remain in the TSK
537J200	TSK Empty during ready separation during Deposit End	1. Open the upper unit2. Check the notes remain in the TSK(5)3. Check the GS701/GS702/GS706/GS707 Sensor4. Remove notes remain in the TSK
537L100	Remaining notes stack process error in TSK GS701 during Deposit End	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
537L200	Remaining notes stack process error in TSK GS702 during Deposit End	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
537L300	Remaining notes stack process error in TSK GS703,4 during Deposit End	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
537LZ00	Remaining notes stack process error in TSK All during Deposit End	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
537M100	TSK Stopper Home position for intialize fail during Deposit End	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if stopper was obstructed
537M200	TSK Stopper Stack position for intialize fail during Deposit End	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if stopper was obstructed
537M300	TSK Stopper Return note position for intialize fail during Deposit End	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if stopper was obstructed
537M400	TSK Stopper Lock FP Fail during Deposit End	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if FP(Front Plate) was obstructed
537M500	TSK Stopper Unlock FP Fail during Deposit End	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if FP(Front Plate) was obstructed
537P100	FP Sensor detect Dark Fail during Deposit End	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if PP(Push Plate) was obstructed to rotate PP knob4. Check if FP(Front Plate) was obstructed to rotate
537P200	FP Sensor detect Light Fail during Deposit End	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if PP(Push Plate) was obstructed to rotate PP knob4. Check if FP(Front Plate) was obstructed to rotate

Problem Code	Problem Description	Troubleshooting
537P300	PP Press position fail during Deposit End	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if PP(Push Plate) was obstructed to rotate PP knob
537Q700	TSK Door Open during operation in Deposit End	1. Close the door of TSK(5)
537R100	TSK response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
537R200	TSK response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
537R300	TSK response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
537R600	TSK response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
537RF00	TSK Feed Motor response timeout in Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
537RP00	TSK PP response timeout in Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
537RT00	TSK Stopper response timeout in Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
537S200	TSK Receive undefined command in Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
537SR00	TSK Sub Task for Wait Setting Error in Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
538HA01	GS801A Sensor Error during Deposit End	1. Check GS801A2. Operate to initialize BRM(Recovery)
538HA02	GS801B Sensor Error during Deposit End	1. Check GS801B2. Operate to initialize BRM(Recovery)
538HA03	GS801A, GS801B Sensor Error during Deposit End	1. Check GS801A, GS801B2. Operate to initialize BRM(Recovery)
538HA04	GS802A Sensor Error during Deposit End	1. Check GS802A2. Operate to initialize BRM(Recovery)
538HA05	GS801A, GS802A Sensor Error during Deposit End	1. Check GS801A, GS802A2. Operate to initialize BRM(Recovery)
538HA06	GS801B, GS802A Sensor Error during Deposit End	1. Check GS801B, GS802A2. Operate to initialize BRM(Recovery)
538HA07	GS801A, GS801B, GS802A Sensor Error during Deposit End	1. Check GS801A, GS801B, GS802A2. Operate to initialize BRM(Recovery)
538HA08	GS802B Sensor Error during Deposit End	1. Check GS802B2. Operate to initialize BRM(Recovery)
538HA09	GS801A, GS802B Sensor Error during Deposit End	1. Check GS801A, GS802B2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
538HA10	GS801B, GS802B Sensor Error during Deposit End	1. Check GS801B, GS802B2. Operate to initialize BRM(Recovery)
538HA11	GS801A, GS801B, GS802B Sensor Error during Deposit End	1. Check GS801A, GS801B, GS802B2. Operate to initialize BRM(Recovery)
538HA12	GS802A, GS802B Sensor Error during Deposit End	1. Check GS802A, GS802B2. Operate to initialize BRM(Recovery)
538HA13	GS801A, GS802A, GS802B Sensor Error during Deposit End	1. Check GS801A, GS802A, GS802B2. Operate to initialize BRM(Recovery)
538HA14	GS801B, GS802A, GS802B Sensor Error during Deposit End	1. Check GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
538HA15	GS801A, GS801B, GS802A, GS802B Sensor Error during Deposit End	1. Check GS801A, GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
538HB01	MR Sensor Level Error during Deposit End	1. Check MR Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
538HC02	UV_01 Sensor Level Error during Deposit End	1. Check UV Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
538HF03	CIS Shading data loading Fail during Deposit End	1. Operate shading in the BC CIS2. Operate to initialize BRM(Recovery)
538HF04	Detection DB Table loading Fail during Deposit End	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
538HF05	BC FPGA Data checksum Fail during Deposit End	1. Check to BC FPGA File2. Operate to initialize BRM(Recovery)
538HF06	BC FPGA Configuration Fail during Deposit End	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
538HF07	BC FPGA Header Information Loading Fail during Deposit End	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
538HF08	BC FPGA Initialize Fail during Deposit End	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
538HF09	BC FPGA VERSION Fail during Deposit End	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
538HF11	Detection DB #01 loading Fail during Deposit End	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
538HF12	Detection DB #02 loading Fail during Deposit End	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
538HF13	Detection DB #03 loading Fail during Deposit End	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
538HF14	Detection DB #04 loading Fail during Deposit End	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
538HF15	Detection DB #05 loading Fail during Deposit End	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
538HF16	Detection DB #06 loading Fail during Deposit End	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
538HF17	Detection DB #07 loading Fail during Deposit End	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
538HF18	Detection DB #08 loading Fail during Deposit End	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
538HF19	Detection DB #09 loading Fail during Deposit End	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
538HF20	Detection DB #10 loading Fail during Deposit End	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
538HG01	Mode Set Error When Receive BC MODE Command (Mode Value is not 1 or 2 ) during Deposit End	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
538HG02	Detection Level Set Error When Receive BC MODE Command (Detection Level Value is 0 ) during Deposit End	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
538HG03	BC Transaction Ready Fail When Receive BC READY Command during Deposit End	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
538HG04	Mode Set Error When Receive BC READY Command (Mode Value is not 1 or 2 ) during Deposit End	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
538HG05	Detection Level Set Error When Receive BC READY Command (Detection Level Value is 0 ) during Deposit End	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
538HG06	BC Entry Direction Set Error When Receive BC READY Command (Not Deposit/Withdrawal/Stack Direction ) during Deposit End	1. Check BC putting direction.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
538HG07	Receive BC Unknown Command during Deposit End	1. Check BC reception full command.1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization.
538HG08	The Number of Nations Set Error When Receive BC DATA WRITE Command (Over 0, 10) during Deposit End	1. Check the number of supported country.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
538HG09	Nation Code Set Error When Receive BC DATA WRITE Command during Deposit End	1. Check the supported country code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
538HG10	Detection DB of the Nation is not exist When Receive BC DATA WRITE Command during Deposit End	1. Check the BC recognition DB of country.2. Download DB again after deleting all recognition DB3. Operate to initialize BRM(Recovery)4. Reboot the system when same error occurred after initialization.
538HG11	No Nation Code When Receive BC READY Command during Deposit End	1. Check the country setting value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
538HG12	BC Version Value Set Error When Receive BC DATA WRITE Command (Not BC FPGA) during Deposit End	1. Check the BC specifications devision and BC FPGA specifications.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initializatio

Problem Code	Problem Description	Troubleshooting
538HG20	Fail to Initialize CIS When Receive BC READY Command during Deposit End	1. Operate to initialize BRM(Recovery)2. Check CIS part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
538HG21	Fail to ENCODER POWER ON When Receive BC READY Command during Deposit End	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
538HG22	Fail to adjust DD Sensor DAC When Receive BC READY Command during Deposit End	1. Operate to initialize BRM(Recovery)2. Check whether the sensor is contaminated or not if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
538HG23	DD Sensor DAC Set Error When Receive BC READY Command during Deposit End	1. Operate to initialize BRM(Recovery)2. Check DD sensor part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
538HG24	ENCODER Mode Set Error When Receive BC READY Command during Deposit End	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance
538HG30	Counterfeit Note List CRC Error When Receive BC SERIAL NO Command during Deposit End	1. Check the forged notes list CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
538HG31	Not Receive The Number of Counterfeit Note Lists and CRC When Receive BC SERIAL NO Command during Deposit End	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
538HG32	Over The Number of Counterfeit Note Lists When Receive BC SERIAL NO Command (Over 200) during Deposit End	1. Check the whole number of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
538HG33	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Nation Code 0) during Deposit End	1. Check the country code of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
538HG34	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Length Over 2~29) during Deposit End	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
538HG36	Note Number Detection Mode Set Error When Receive BC MODE Command (Mode Value is Not 0, 1, 2) during Deposit End	1. Check to the recognized mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
538HG37	Transaction Classification Set Error When Receive BC MODE Command (Classification Value is Not 0, 1, 2) during Deposit End	1. Check to the transaction setting.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
538HG38	Counterfeit Note List Search Classification Set Error When Receive BC SERIAL NO Command 위조지폐 목록 검색 구분 설정 오류 (Classification Value is Not 1, 2, 3 ) during Deposit End	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
538HG39	Counterfeit Note List Note Number Set Error When Receive BC SERIAL NO Command (Use '*' When Search Note Number Part) during Deposit End	1. Check the forged notes list's note numbers.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.

Problem Code	Problem Description	Troubleshooting
538HG3A	BC MODE SET Bill Management Level Set Error (Over 1~5) during Deposit End	1. Check check management mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
538HG3B	Over The Number of BC MODE SET Back Codes (Over 15) during Deposit End	1. Check the number of check issued by our bank code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
538HG40	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use End Number at First When Search Note Number Part) during Deposit End	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
538HG41	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use Start Number at Last When Search Note Number Part) during Deposit End	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
538HG42	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Wrong Start/End Number Order When Search Note Number Part) during Deposit End	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
538HG43	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Use Wrong Length Value When Search Note Number Part) during Deposit End	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
538HG44	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Use Wrong Nation Code When Search Note Number Part) during Deposit End	1. Check the forged notes list's country-code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
538HG45	Not Receive The Number of Bill Number Tables and CRC When Receive Check No Write Command during Deposit End	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
538HG46	Bill Number Error When Receive Check No Write Command during Deposit End	1. Check the check number when registering check number.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
538HG47	Bill Number Table Length Set Error When Receive Check No Write Command (Length Over 0~50) during Deposit End	1. Check check number table's length.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
538HG48	Bill Number Table CRC Error When Receive Check No Write Command during Deposit End	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
538HG49	Over The Number of Bill Number Tables When Receive Check No Write Command (Over 5) during Deposit End	1. Check check total number of tables.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
538HH01	Fail to Delete NAND FLASH during Deposit End	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
538HH02	NAND FLASH Delete BLOCK Set Error When Download Detection DB during Deposit End	1. Download DB again after checking recognition DB's delete index.2. Operate to initialize BRM(Recovery)
538HH03	Fail to Download Detection DB during Deposit End	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
538HH04	NAND FLASH Download BLOCK Set Error When Download Detection DB during Deposit End	1. Download DB again after checking recognition DB's index.2. Operate to initialize BRM(Recovery)
538HH05	Detection DB Download File Check Error during Deposit End	1. Download DB again after checking recognition DB file.2. Operate to initialize BRM(Recovery)
538HH06	Detection DB Download File Size Error during Deposit End	1. Download DB again after checking recognition DB download file.2. Operate to initialize BRM(Recovery)
538HH07	DB Table Save Error After Download Detection DB during Deposit End	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
538HH08	Over Detection DB Download (Over 10) during Deposit End	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
538HH09	Detection DB Header Information Error during Deposit End	1. Download DB again after deleting recognition DB.2. Operate to initialize BRM(Recovery)
538HH10	EP Download Fail during Deposit End	1. Re-download BC EP.2. Change the BC B/D if continuous error.
538HH11	EP Download Check Error during Deposit End	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
538HH12	EP Download File Size Error during Deposit End	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
538HH13	EP Download File ID Error (Not EPAP/EPBT/EPFP) during Deposit End	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
538HH14	BC FPGA Download Fail during Deposit End	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
538HH15	Header Information Save Error After BC FPGA Download during Deposit End	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
538HH16	Not Provide BC FPGA Download during Deposit End	1. Check BC FPGA VERSION.2. Change the BC B/D if continuous error.
538HH17	EEPROM READ/WRITE Error during Deposit End	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
538HH18	Receive Unit Serial Number Undefined Option during Deposit End	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
538HH19	Receive USB Undefined Command during Deposit End	1. Check USB Command from BC and retry the operation.2. Check BC version and Update EP3. Change the BC B/D if continuous error.
538HH20	No BC Process Note When Receive Image Upload Command during Deposit End	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
538HH21	FC1 Set Error When Receive Image Upload Command during Deposit End	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
538HH22	BC is Processing Note When Receive Image Upload Command during Deposit End	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.

Problem Code	Problem Description	Troubleshooting
538HH23	FC2 Set Error When Receive Image Upload Command during Deposit End	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
538HH24	Not Provide Total Image Upload Function during Deposit End	1. Check if SP or TM is out of date.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
538HH25	Not Provide Note Number Detection Image Upload Function during Deposit End	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
538HH26	FC2 Set Error When Receive Image Information Upload Command during Deposit End	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
538HH27	BRM Transaction Mode is Not Same with Image Upload Command Mode during Deposit End	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
538HH28	BRM Transaction Mode is Not Same with Replenishment/Collect Cash Image Upload Command Mode during Deposit End	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
538HH29	No BC Process Note When Receive Replenishment/Collect Cash Image Upload Command during Deposit End	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
538HH2A	FC1 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Deposit End	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
538HH2B	BC is Processing Note When Receive Replenishment/Collect Cash Image Upload Command during Deposit End	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
538HH2C	FC2 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Deposit End	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
538HH2D	Not Provide Replenishment/Collect Cash Image Upload Function during Deposit End	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
538HH2E	Note Image Upload Index is Not Same When Receive Replenishment/Collect Cash Image Upload Command during Deposit End	1. Get BC log and image.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
538HI01	RecogTask Messeage Timeout Error during Deposit End	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
538HI02	ScanTask Messeage Timeout Error during Deposit End	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
538HI03	UartTask Messeage Timeout Error during Deposit End	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
538HI04	BcUsbTask Messeage Timeout Error during Deposit End	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
538HJ01	Algorithm Initialize Fail during Deposit End	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
538HJ02	Algorithm Ready Fail during Deposit End	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
538HJ03	Algorithm Information Set Error during Deposit End	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
538HK01	Table CRC Error When Set Poly-Note Withdrawal Information during Deposit End	1. Retry the operation
538HK02	CST Note Information Set Number Error When Set Poly-Note Withdrawal Information (n is 0 or over 256) during Deposit End	1. Check the number of CST Setting notes info
538HK03	Withdrawal Note Number Set Error When Set Poly-Note Withdrawal Information ( n is 0 or over 3000) during Deposit End	1. Check Withdrawal notes setting
538HK04	Note Information (Not CST Set Note) is Set in Withdrawal Note Information When Set Poly-Note Withdrawal Information during Deposit End	1. Check Withdrawal notes info
538HS01	FPGA Write Data Error When Initialize Scan Driver during Deposit End	1. Retry the operation.2. Operate to initialize BRM(Recovery)
538HS02	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver during Deposit End	1. Retry the operation.2. Operate to initialize BRM(Recovery)
538HS03	Fail to Set CIS Led On Value When Initialize Scan Driver during Deposit End	1. Retry the operation.2. Operate to initialize BRM(Recovery)
538HS04	Fail to Set Source of Scan Light When Initialize Scan Driver during Deposit End	1. Retry the operation.2. Operate to initialize BRM(Recovery)
538HS05	Not Process Shading When Initialize Scan Driver during Deposit End	1. Perform CiS Shading.2. Operate to initialize BRM(Recovery)
538HS08	Fail to Set DAC When Initialize Scan Driver during Deposit End	1. Retry the operation.2. Operate to initialize BRM(Recovery)
538HS11	FPGA Write Data Error When BC Ready during Deposit End	1. Retry the operation.2. Operate to initialize BRM(Recovery)
538HS12	Fail to Power On When BC Ready Sensor(MR/UV/DD/Encoder/Entry Sensor) during Deposit End	1. Retry the operation.2. Operate to initialize BRM(Recovery)
538HS13	Fail to Set CIS Led On Value When BC Ready during Deposit End	1. Retry the operation.2. Operate to initialize BRM(Recovery)
538HS14	Fail to Set Source of Scan Ligh When BC Ready during Deposit End	1. Retry the operation.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
538HS15	Not Process Shading When BC Ready during Deposit End	1. Retry the operation.2. Operate to initialize BRM(Recovery)
538HS17	Fail to Set AFE Chip When BC Ready during Deposit End	1. Retry the operation.2. Operate to initialize BRM(Recovery)
538HS18	Fail to Set DAC When BC Ready during Deposit End	1. Retry the operation.2. Operate to initialize BRM(Recovery)
538HS19	MR/UV/DD Sampling Start Error When BC Ready during Deposit End	1. Retry the operation.2. Operate to initialize BRM(Recovery)
538HS1A	Fail to Set 2-Notes DAC When BC Ready during Deposit End	1. Check whether double notes sensor is contaminate or not.2. Check whether double notes sensor is connected.3. Retry the operation.4. Change the BC if continuous error.
538HS1B	2-Notes to 1-Note Adjust Information Error When BC Ready during Deposit End	1. Perform calibration info about double notes or one note.2. Operate to initialize BRM(Recovery)
538HS22	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver When Stop BC during Deposit End	1. Retry the operation.2. Operate to initialize BRM(Recovery)
538HS28	Fail to Set DAC When Stop BC during Deposit End	1. Retry the operation.2. Operate to initialize BRM(Recovery)
538HS29	MR/UV/DD Sampling Stop Error When Stop BC during Deposit End	1. Retry the operation.2. Operate to initialize BRM(Recovery)
538HS31	BC Ready Fail When Process CIS Shading – Use in Plant during Deposit End	1. Perform calibration info about double notes or one note and double notes DAC2. Retry the operation
538HS32	Dark Adjust Fail When Process CIS Shading – Use in Plant during Deposit End	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Change CIS and Cable5. Change BC
538HS33	Over Target Gap When Process CIS Shading Shading – Use in Plant during Deposit End	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
538HS34	Fail to Write Result Value Flash When Process CIS Shading – Use in Plant during Deposit End	1. Retry the operation2. Change BC
538HS35	BC Stop Fail When Process CIS Shading – Use in Plant during Deposit End	1. Retry the operation2. Change BC
538HS36	Over 10Pixel-Excess-Image When Process CIS Shading during Deposit End	1. Retry the operation2. Check CIS note quility and setting status3. Check CIS Connection Status4. Change BC
538HS37	Dark Shading Result Value is Standard Over When Process CIS Shading during Deposit End	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Retry the operation5. Change BC
538HS38	Max Ovetime Ove When Process CIS Shading – Use in Plant during Deposit End	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
538HS39	Fail to Set Source of Shading Light When Process CIS Shading – Use in Plant during Deposit End	1. Retry the operation2. Change BC
538HS41	Fail to Adjust 2-Notes DAC (Less Than MIN) – Use in Plant during Deposit End	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the operation4. Change BC

Problem Code	Problem Description	Troubleshooting
538HS42	Fail to Adjust 2-Notes DAC (Over MAX) – Use in Plant during Deposit End	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the operation4. Change BC
538HS43	2-Notes Adjust Flash Write Fail – Use in Plant during Deposit End	1. Retry the operation2. Change BC
538R100	BC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
538R200	BC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
538R300	BC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
538R600	BC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
538S100	BCU response MI error during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
538S200	BCU response BCC error during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
538S300	BCU response Sub MI error during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
538S400	BCU response Parameter error during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
538S900	BCU response Timeout Error during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
53A2100	Error occurred by notes remained in GS801 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
53A2200	Error occurred by notes remained in GS002 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
53A2300	Error occurred by notes remained in GS003 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
53A2400	Error occurred by notes remained in GS004 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
53A2500	Error occurred by notes remained in GS005 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
53A2600	Error occurred by notes remained in GS006 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
53A2700	Error occurred by notes remained in GS014 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
53A2800	Error occurred by notes remained in GS018 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
53A2900	Error occurred by notes remained in GS020 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
53A2A00	Error occurred by notes remained in GS021 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
53A2C00	Error occurred by the notes remained in the BCU(CIS Sensor or DD Sensor) during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
53A2E00	Error occurred by notes remained in GS001 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
53A2H00	Error occurred by notes remained in GS618 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
53A2J00	Error occurred by notes remained in GS619 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
53A2K00	Error occurred by notes remained in GS701,702 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
53A2M00	Error occurred by notes remained in GSA01 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
53A2N00	Error occurred by notes remained in GSA02 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
53A2P00	Error occurred by notes remained in GSA03 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
53A2Q00	Error occurred by notes remained in GSD01 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
53A2W00	Error occurred by notes remained in GS802 during Deposit End	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
53AA100	UTC open Error before operation Deposit End	1. Open the upper unit. 2. Check the UTC removal and reinstallation
53AA200	TSK open Error before operation Deposit End	1. Open the upper unit. 2. Check the TSK open and close
53AA300	BMU Inter Lock Error before operation Deposit End	1. Check BMU open and close
53AA400	BMU open Error before operation Deposit End	1. Check BMU open and close
53AA500	Replenishment CST open Error before operation Deposit End	1. Check the Transit CST installation
53AA600	CSM open Error before operation Deposit End	1. Open the upper unit. 2. Check CSM Open/Close
53AA800	BMD Inter Lock Error before operation Deposit End	1. Open the lower unit. 2. Check the BMD open and close
53AA900	BMD open Error before operation Deposit End	1. Open the lower unit. 2. Check the BMD open and close
53AAA00	BC Open Error before operation Deposit End	1. Open the upper unit. 2. Check BC Open/Close

Problem Code	Problem Description	Troubleshooting
53AAB00	RC Full Error before operation Deposit End	1. Open the lower unit. 2. Check RC Full and remove notes
53AAC00	RJC Full Error before operation Deposit End	1. Open the upper unit. 2. Check RJC Full and remove notes
53AAD00	UTC Full Error before operation Deposit End	1. Open the upper unit. 2. Remove UTC and open the UTC Door3. Remove notes and reinstallation UTC
53AAE00	RTC Full Error before operation Deposit End	1. Open the lower unit. 2. Remove RT/RJC and open the Door3. Remove notes and reinstall RT/RJC
53AAF00	RC Empty Error before operation Deposit End	1. Open the lower unit. 2. Remove RC and open the RC Door, Check the Empty Status3. Reinstall the RC
53AAG00	Suspected note RC open Error before operation Deposit End	1. Open the lower unit. 2. Check the RC removal and reinstall
53AAH00	Status of BMU loading in the BMU Test Mode before the operation during Deposit End	1. Check Load/Removal of the upper unit2. Replace a cherry switch when error occurs
53AAJ00	Deposit End is not supported in the setting Test Mode	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
53AE100	Received operation command without Initial Info Set during Deposit End	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
53AE200	Status on not operation reception command during Deposit End	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
53AE300	Received operation command without System Info Read during Deposit End	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
53AE400	Transaction was executed without Initializing after power on during Deposit End	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
53AEE00	RBU RS485 communication sequence disorder during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
53AEF00	RBU RS485 connection line disorder during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
53AEL00	RBU communication was not ready after power on during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
53AH600	Failure to check clearing NVRAM during Deposit End	1. Operate to initialize BRM(Recovery)
53AHF00	Transaction count exists but GS801A sensor no change during Deposit End	1. Check GS801A2. Operate to initialize BRM(Recovery)
53AHG00	Transaction count exists but GS801B sensor no change during Deposit End	1. Check GS801B2. Operate to initialize BRM(Recovery)
53AHH00	Transaction count exists but GS802A sensor no change during Deposit End	1. Check GS802A2. Operate to initialize BRM(Recovery)
53AHJ00	Transaction count exists but GS802B sensor no change during Deposit End	1. Check GS802B2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
53AN100	RC1 stack counts is different with BC pass info of normal count in the Deposit End	1. Operate to initialize BRM(Recovery)
53AN200	RC2 stack counts is different with BC pass info of normal count in the Deposit End	1. Operate to initialize BRM(Recovery)
53AN300	RC3 stack counts is different with BC pass info of normal count in the Deposit End	1. Operate to initialize BRM(Recovery)
53AN400	RC4 stack counts is different with BC pass info of normal count in the Deposit End	1. Operate to initialize BRM(Recovery)
53AN500	RC5 stack counts is different with BC pass info of normal count in the Deposit End	1. Operate to initialize BRM(Recovery)
53AN800	In case of difference between notes count from Deposit Count and receipt count from Deposit End without reject notes during Deposit End	1. Operate to initialize BRM(Recovery)
53AN900	In case of denomination stack count during Deposit End more than denomination stack count during Deposit End	1. Operate to initialize BRM(Recovery)
53ANE00	RC6 stack count is different with BC passing normal count during deposit End	1. Operate to initialize BRM(Recovery)
53ANF00	RC7 stack count is different with BC passing normal count during deposit End	1. Operate to initialize BRM(Recovery)
53ANK00	TSK Separation note count during Deposit End without Reject notes is different with TSK Stack note count during deposit End	1. Operate to initialize BRM(Recovery)
53ANP00	Deposit end notes is less than Deposit count notes Reject notes after adjust Reject count during Deposit End	1. Operate to initialize BRM(Recovery)
53AR100	Message timeout error during operation ready during Deposit End	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
53AR200	Message timeout error during transaction operation during Deposit End	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
53AR300	Message timeout error during error postprocessing during Deposit End	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
53AR800	RBU/BC sensor auto dimming response message timeout error during Deposit End	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
53ARC00	BC response message timeout error during Deposit End	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
53ARJ00	Message timeout error during Stop Ready during Deposit End	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
53AS700	RC is not in use during Deposit End	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
53AS800	Reject CST Set Error during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
53BH100	RC1 EEPROM Read Error during Deposit End	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
53BH200	RC2 EEPROM Read Error during Deposit End	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
53BH300	RC3 EEPROM Read Error during Deposit End	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
53BH400	RC4 EEPROM Read Error during Deposit End	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
53BH500	RC5 EEPROM Read Error during Deposit End	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
53BH600	RC6 EEPROM Read Error during Deposit End	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
53BH700	RC1 EEPROM Write Error during Deposit End	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
53BH800	RC2 EEPROM Write Error during Deposit End	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
53BH900	RC3 EEPROM Write Error during Deposit End	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
53BHA00	RC4 EEPROM Write Error during Deposit End	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
53BHB00	RC5 EEPROM Write Error during Deposit End	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
53BHC00	RC6 EEPROM Write Error during Deposit End	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
53BHD00	RC1 EEPROM Verify Error during Deposit End	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
53BHE00	RC2 EEPROM Verify Error during Deposit End	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
53BHF00	RC3 EEPROM Verify Error during Deposit End	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
53BHG00	RC4 EEPROM Verify Error during Deposit End	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization

Problem Code	Problem Description	Troubleshooting
53BHH00	RC5 EEPROM Verify Error during Deposit End	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
53BHJ00	RC6 EEPROM Verify Error during Deposit End	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
53BHK00	BMD Open Error During EEPROM Read/Write during Deposit End	1. Check the lower Unit load/removal
53BHU00	BMD EEPROM Read Error during Deposit End	1. Replace RBU B/D
53BHV00	BMD EEPROM Write Error during Deposit End	1. Replace RBU B/D
53BHW00	BMD EEPROM Verify Error during Deposit End	1. Replace RBU B/D
53BHX00	RC7 EEPROM Read Error during Deposit End	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
53BHY00	RC7 EEPROM Write Error during Deposit End	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
53BHZ00	RC7 EEPROM Verify Error during Deposit End	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
53BR000	RBU Response Timeout during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
53BR700	RBU Response Message Timeout during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
53BS100	RBU RS-232 Seq Num Echo Error during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
53BS200	RBU RS-232 MI Echo Error during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
53BSS00	RBU Auto Calibration Command Parameter Error during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
53C0100	RC6 GSC01 Light Jam during Deposit End	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53C0200	RC6 GSC02 Light Jam during Deposit End	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53C0500	RC6 GSC05 Light Jam during Deposit End	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(8)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
53C0Z00	RC6 All Light Jam during Deposit End	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
53C1100	RC6 GSC01 Dark Jam during Deposit End	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53C1200	RC6 GSC02 Dark Jam during Deposit End	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53C1500	RC6 GSC05 Dark Jam during Deposit End	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53C1Z00	RC6 All Dark Jam during Deposit End	1. Operate to initialize BRM.(Recovery)
53C2100	Error occurred by notes remained in RC6 GSC01 during Deposit End	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53C2200	Error occurred by notes remained in RC6 GSC02 during Deposit End	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53C2500	Error occurred by notes remained in RC6 GSC05 during Deposit End	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53C2Z00	Error occurred by notes remained in RC6 All during Deposit End	1. Operate to initialize BRM.(Recovery)
53C3100	Sensor auto calibration error in RC6 GSC01 during Deposit End	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53C3200	Sensor auto calibration error in RC6 GSC02 during Deposit End	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53C3500	Sensor auto calibration error in RC6 GSC05 during Deposit End	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53C3Z00	Sensor auto calibration error in RC6 All during Deposit End	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
53C4100	Extern lights check error in RC6 GSC01 during Deposit End	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53C4200	Extern lights check error in RC6 GSC02 during Deposit End	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53C4500	Extern lights check error in RC6 GSC05 during Deposit End	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53C4Z00	Extern lights check error in RC6 All during Deposit End	1. Operate to initialize BRM.(Recovery)
53C5100	Path error on transport path in RC6 GSC01 during Deposit End	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53C5200	Path error on transport path in RC6 GSC02 during Deposit End	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53C5500	Path error on transport path in RC6 GSC05 during Deposit End	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53C5Z00	Path error on transport path in RC6 All during Deposit End	1. Operate to initialize BRM.(Recovery)
53C6100	Path error on sensor except for transport path in RC6 GSC01 during Deposit End	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53C6200	Path error on sensor except for transport path in RC6 GSC02 during Deposit End	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53C6500	Path error on sensor except for transport path in RC6 GSC05 during Deposit End	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53C6Z00	Path error on sensor except for transport path in RC6 All during Deposit End	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
53C7100	Error occurred by the notes disorder in RC6 GSC01 during Deposit End	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53C7200	Error occurred by the notes disorder in RC6 GSC02 during Deposit End	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53C7500	Error occurred by the notes disorder in RC6 GSC05 during Deposit End	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53C7Z00	Error occurred by the notes disorder in RC6 All during Deposit End	1. Operate to initialize BRM.(Recovery)
53CG100	RC6 Failure of returning notes (GSC01,GSC02 Sensors detect no notes) during Deposit End	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53CG200	RC6 Failure to move PP to stack position during Deposit End	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(8). 4. Open the recycle cassette door(8).5. Check cassette status to move stage up and down.
53CG400	RC6 Failure to upward moving of PP during RC6 stack roller retreat movement during Deposit End	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(8). 4. Open the recycle cassette door(8).5. Check cassette status to move stage up and down.
53CG500	RC6 Failure to stack roller retreat (GSC13 Sensor no change) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
53CG600	RC6 Stack Roller retreat position disorder during RC Separation during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
53CG700	RC6 RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GSC07) no change) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
53CG800	RC6 Failure to move PP to press position (GSC08 Sensor Dark Fail) during Deposit End	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(8).4. Check the stage status after open the recycle cassette(8).5. Check the upper side of the recycle cassette
53CGA00	RC6 RC Solenoid Echo error during Deposit End	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8) and reload.4. Replace the cassette when same error occurs.

Problem Code	Problem Description	Troubleshooting
53CGB00	RC6 Feed Roller homeposition Sensor(GSC07) Light detect fail during RC Stack during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
53CGC00	RC6 Feed Roller homeposition Sensor(GSC07) Dark detect fail during RC Stack during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
53CGD00	RC6 GSC01,GSC02 Detect notes during move RC Feed Roller to homeposition during Deposit End	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53CGE00	RC6 GSC08 detect dark before move RC Feed Roller to homeposition during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
53CFG00	RC6 Notes Setting error during initialize (GSC14, Bottom Sensor(GSC12) both dark) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
53CGG00	RC6 Stack Roller Sensor(GSC13) detect light during RC FM Stack during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
53CGH00	RC6 Stack Roller Sensor(GSC13) detect dark during RC FM Stack during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
53CGJ00	RC6 RC Stack Roller retreat fail (Motor Overrun) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
53CGK00	RC6 RC Stack Roller retreat fail (Motor speed error) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
53CGL00	RC6 RC Feed Roller homeposition fail (Motor speed error) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
53CGQ00	RJC Press and Stack position fail during Deposit End	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette

Problem Code	Problem Description	Troubleshooting
53CGR00	RJC Stack position fail during Deposit End	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
53CGS00	RC6 RJC Press position fail during Deposit End	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
53CGT00	RC6 GSC51 fail to detect dark when PP moves down during RJC PP Stack during Deposit End	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
53CGU00	RC6 GSC51 fail to detect light when PP moves down during RJC PP Stack during Deposit End	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
53CGV00	RC6 GSC52 fail to detect dark when PP moves down during RJC PP Stack during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
53CGW00	RC6 GSC51 fail to detect light when PP moves down during RJC initialize during Deposit End	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
53CGX00	RC6 GSC01 detects notes during RJC intialize during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53CJ100	RC6 RJC Full during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
53CJ200	RC6 RC No Residue during Deposit End	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(8).4. Check the notes remain after open the recycle cassette door(8).5. Fill up the Notes if there are no notes
53CJ300	RC6 Full,Bottom no detect before move RC PP to stack position during Deposit End	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(8).4. Check the stage status after open the recycle cassette(8).5. Check contamination of GS111/GS112 sensor.
53CR100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
53CR200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
53CR300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
53CR600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
53CRF00	RC6 Feed Motor response timeout during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
53CRP00	RC6 PP response timeout during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
53CS200	RC6 Receive undefined command during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
53CS300	RC6 Task not for separation receive separation command during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
53CSA00	RC6 Sub Task receive undefined command during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
53CSR00	RC6 Sub Task for Wait Setting Error during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
53E0100	CST GS901 Light Jam during Deposit End	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
53E0200	CST GS902 Light Jam during Deposit End	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
53E0500	CST GS905 Light Jam during Deposit End	1. Remove note in the transit path.2. Open the transit cassette door after remove the cassette.3. Remove note in the upper side.
53E0Z00	CST All Light Jam during Deposit End	1. Operate to initialize BRM.(Recovery)
53E1100	CST GS901 Dark Jam during Deposit End	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
53E1200	CST GS902 Dark Jam during Deposit End	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
53E1500	CST GS905 Dark Jam during Deposit End	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
53E1Z00	CST All Dark Jam during Deposit End	1. Operate to initialize BRM.(Recovery)
53E2100	Error occurred by notes remained in CST GS901 during Deposit End	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
53E2200	Error occurred by notes remained in CST GS902 during Deposit End	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
53E2500	Error occurred by notes remained in CST GS905 during Deposit End	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
53E2Z00	Error occurred by notes remained in CST All during Deposit End	1. Operate to initialize BRM.(Recovery)
53E3100	Sensor auto calibration error in CST GS901 during Deposit End	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
53E3200	Sensor auto calibration error in CST GS902 during Deposit End	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
53E3500	Sensor auto calibration error in CST GS905 during Deposit End	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
53E3Z00	Sensor auto calibration error in CST All during Deposit End	1. Operate to initialize BRM.(Recovery)
53E4100	Extern lights check error in CST GS901 during Deposit End	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
53E4200	Extern lights check error in CST GS902 during Deposit End	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
53E4500	Extern lights check error in CST GS905 during Deposit End	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
53E4Z00	Extern lights check error in CST All during Deposit End	1. Operate to initialize BRM.(Recovery)
53E5100	Path error on transport path in CST GS901 during Deposit End	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
53E5200	Path error on transport path in CST GS902 during Deposit End	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
53E5500	Path error on transport path in CST GS905 during Deposit End	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
53E5Z00	Path error on transport path in CST All during Deposit End	1. Operate to initialize BRM.(Recovery)
53E6100	Path error on sensor except for transport path in CST GS901 during Deposit End	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
53E6200	Path error on sensor except for transport path in CST GS902 during Deposit End	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
53E6500	Path error on sensor except for transport path in CST GS905 during Deposit End	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
53E6Z00	Path error on sensor except for transport path in CST All during Deposit End	1. Operate to initialize BRM.(Recovery)
53E7100	Error occurred by the notes disorder in CST GS901 during Deposit End	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
53E7200	Error occurred by the notes disorder in CST GS902 during Deposit End	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
53E7500	Error occurred by the notes disorder in CST GS905 during Deposit End	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
53E7Z00	Error occurred by the notes disorder in CST All during Deposit End	1. Operate to initialize BRM.(Recovery)
53EG100	CST Failure of returning notes (GS901,GS902 Sensors detect no notes) during Deposit End	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
53EG200	CST Failure to move PP to stack position during Deposit End	1. Remove the transit cassette.2. Open the cassette door.3. Check the stage status.
53EG400	CST Failure to upword moving of PP during RC stack roller retreat movement during Deposit End	1. Remove the transit cassette.2. Open the cassette door.3. Check the stage status.
53EG500	CST Failure to stack roller retreat (GS913 Sensor no change) during Deposit End	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
53EG600	CST Stack Roller retreat position disorder during RC Separation during Deposit End	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
53EG700	CST RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS907) no change) during Deposit End	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
53EG800	CST Failure to move PP to press position (GS908 Sensor Dark Fail) during Deposit End	1. Remove the transit cassette.2. Check the stage status after open the cassette.3. Check the upper side of the cassette
53EGA00	CST RC Solenoid Echo error during Deposit End	1. Reload the transit cassette after removing the cassette.2. Change the cassette when same error occur.
53EGB00	CST Feed Roller homeposition Sensor(GS907) Light detect fail during RC Stack during Deposit End	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
53EGC00	CST Feed Roller homeposition Sensor(GS907) Dark detect fail during RC Stack during Deposit End	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
53EGD00	CST GS901,GS902 Detect notes during move RC Feed Roller to homeposition during Deposit End	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
53EGE00	CST GS908 detect dark before move RC Feed Roller to homeposition during Deposit End	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note.
53EGF00	CST Notes Setting error during initialize (GS914, Bottom Sensor(GS912) both dark) during Deposit End	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note.
53EGG00	CST Stack Roller Sensor(GS913) detect light during RC FM Stack during Deposit End	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
53EGH00	CST Stack Roller Sensor(GS913) detect dark during RC FM Stack during Deposit End	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
53EGJ00	CST RC Stack Roller retreat fail (Motor Overrun) during Deposit End	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
53EGK00	CST RC Stack Roller retreat fail (Motor speed error) during Deposit End	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
53EGL00	CST RC Feed Roller homeposition fail (Motor speed error) during Deposit End	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
53EJ200	CST No Residue during Deposit End	1. Remove the transit cassette.2. Check the notes remain after open the cassette door.3. Fill up the Notes if there are no notes
53EJ300	CST Full,Bottom no detect before move RC PP to stack position during Deposit End	1. Remove the transit cassette.2. Check the stage status after open the cassette.3. Check the upper side of the cassette

Problem Code	Problem Description	Troubleshooting
53ER100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
53ER200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
53ER300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
53ER600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
53ERF00	CST Feed Motor response timeout during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
53ERP00	CST PP response timeout during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
53ES200	CST Receive undefined command during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
53ES300	CST RC Task not for separation receive separation command during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
53ESA00	CST RC Sub Task receive undefined command during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
53ESR00	CST Sub Task for Wait Setting Error during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
53F0100	RC7 GSF01 Light Jam during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53F0200	RC7 GSF02 Light Jam during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53F0500	RC7 GSF05 Light Jam during Deposit End	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(F).4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
53F0Z00	RC7 All Light Jam during Deposit End	1. Operate to initialize BRM.(Recovery)
53F1100	RC7 GSF01 Dark Jam during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
53F1200	RC7 GSF02 Dark Jam during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53F1500	RC7 GSF05 Dark Jam during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53F1Z00	All RC7 Sensor Dark Jam during Deposit End	1. Operate to initialize BRM.(Recovery)
53F2100	Error occurred by notes remained in RC7 GSF01 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53F2200	Error occurred by notes remained in RC7 GSF02 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53F2500	Error occurred by notes remained in RC7 GSF05 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53F2Z00	Error occurred by notes remained in All RC7 Sensor during Deposit End	1. Operate to initialize BRM.(Recovery)
53F3100	RC7 GSF01 Sensor auto calibration error during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53F3200	RC7 GSF02 Sensor auto calibration error during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53F3500	RC7 GSF05 Sensor auto calibration error during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53F3Z00	All RC7 Sensor auto calibration error during Deposit End	1. Operate to initialize BRM.(Recovery)
53F4100	RC7 GSF01 Extern lights check error during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
53F4200	RC7 GSF02 Extern lights check error during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53F4500	RC7 GSF05 Extern lights check error during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53F4Z00	All RC7 Sensor Extern lights check error during Deposit End	1. Operate to initialize BRM.(Recovery)
53F5100	RC7 GSF01 Path error on transport path during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53F5200	RC7 GSF02 Path error on transport path during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53F5500	RC7 GSF05 Path error on transport path during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53F5Z00	All RC7 Sensor Path error on transport path during Deposit End	1. Operate to initialize BRM.(Recovery)
53F6100	RC7 GSF01 Path error on sensor except for transport path during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53F6200	RC7 GSF02 Path error on sensor except for transport path during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53F6500	RC7 GSF05 Path error on sensor except for transport path during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53F6Z00	RC7 All Path error on sensor except for transport path during Deposit End	1. Operate to initialize BRM.(Recovery)
53F7100	Error occurred by the notes disorder in RC7 GSF01 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
53F7200	Error occurred by the notes disorder in RC7 GSF02 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53F7500	Error occurred by the notes disorder in RC7 GSF05 during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53F7Z00	Error occurred by the notes disorder in RC7 All during Deposit End	1. Operate to initialize BRM.(Recovery)
53FG100	RC7 Failure of returning notes (GSF01,GSF02 Sensors detect no notes) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53FG200	RC7 Failure to move PP to stack position during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (A)4. Open the recycle cassette door(A) 5. Check cassette status to move stage up and down
53FG400	RC7 Failure to upword moving of PP during RC7 stack roller retreat movement during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (A)4. Open the recycle cassette door(A) 5. Check cassette status to move stage up and down
53FG500	RC7 Failure to stack roller retreat (GS113 Sensor no change) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
53FG600	RC7 Stack Roller retreat position disorder during RC Separation during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
53FG700	RC7 Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GSF07) no change) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
53FG800	RC7 Failure to move PP to press position (GSF08 Sensor Dark Fail) during Deposit End	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(F).4. Check the stage status after open the recycle cassette(F).5. Check the upper side of the recycle cassette
53FGA00	RC7 Solenoid Echo error during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F) and reload4. Replace the cassette when same error occurs
53FGB00	RC7 Feed Roller homeposition Sensor(GSF07) Light detect fail during RC Stack during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
53FGC00	RC7 Feed Roller homeposition Sensor(GSF07) Dark detect fail during RC Stack during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
53FGD00	RC7 GSF01,GSF02 Detect notes during move RC Feed Roller to homeposition during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
53FGE00	RC7 GSF08 detect dark before move RC Feed Roller to homeposition during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note.
53FGF00	RC7 Notes Setting error during initialize (GSF14, Bottom Sensor(GSF12) both dark) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note.
53FGG00	RC7 Stack Roller Sensor(GS113) detect light during RC FM Stack during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
53FGH00	RC7 Stack Roller Sensor(GS113) detect dark during RC FM Stack during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
53FGJ00	RC7 Stack Roller retreat fail (Motor Overrun) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
53FGK00	RC7 Stack Roller retreat fail (Motor speed error) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
53FGL00	RC7 Feed Roller homeposition fail (Motor speed error) during Deposit End	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
53FJ200	RC7 No Residue during Deposit End	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(F).4. Check the notes remain after open the recycle cassette door(A).5. Fill up the Notes if there are no notes
53FJ300	Full,Bottom no detect before move RC7 PP to stack position during Deposit End	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(F).4. Check the stage status after open the recycle cassette(F).5. Check contamination of GSF11/GSF12 sensor.
53FRF00	RC7 Feed Motor response timeout during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
53FRP00	RC7 PP response timeout during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
53FS200	RC7 Receive undefined command during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
53FS300	RC7 Task not for separation receive separation command during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
53FSA00	RC7 Sub Task receive undefined command during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
53FSR00	RC7 Sub Task for Wait Setting Error during Deposit End	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
53US100	USB Bulk Sequence Error during Deposit End.	1. Restart over AP-SP
53US300	USB Bulk Received Length Error during Deposit End.	1. Reboot the system
53US400	Message transmission Error from USB to Main Task during Deposit End.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
53US500	Message reception Error from MainTask to USB during Deposit End.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
53USCMD	Bulk command data check error during Deposit End. (USB communication failure)	1. Restart over AP-SP
53USCRC	CRC data check error during Deposit End. (USB communication failure)	1. Restart over AP-SP
53USLEN	Bulk length error during Deposit End. (USB communication failure)	1. Restart over AP-SP
5400100	GS801 Light Jam error during Deposit Cancel	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5400200	GS002 Light Jam error during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5400300	GS003 Light Jam error during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5400400	GS004 Light Jam error during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5400500	GS005 Light Jam error during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5400600	GS006 Light Jam error during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5400700	GS014 Light Jam error during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5400800	GS018 Light Jam error during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5400900	GS020 Light Jam error during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5400A00	GS021 Light Jam error during Deposit Cancel	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5400C00	GS030 Light Jam error during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5400E00	GS001 Light Jam error during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5400H00	GS618 Light Jam error during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5400J00	GS619 Light Jam error during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5400M00	GSA01 Light Jam error during Deposit Cancel	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5400N00	GSA02 Light Jam error during Deposit Cancel	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5400P00	GSA03 Light Jam error during Deposit Cancel	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5400Q00	GSD01 Light Jam error during Deposit Cancel	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5400W00	GS802 Light Jam error during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5401100	GS801 Dark Jam error during Deposit Cancel	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5401200	GS002 Dark Jam error during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5401300	GS003 Dark Jam error during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5401400	GS004 Dark Jam error during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5401500	GS005 Dark Jam error during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5401600	GS006 Dark Jam error during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5401700	GS014 Dark Jam error during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5401800	GS018 Dark Jam error during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5401900	GS020 Dark Jam error during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5401A00	GS021 Dark Jam error during Deposit Cancel	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5401C00	GS030 Dark Jam error during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5401E00	GS001 Dark Jam error during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5401H00	GS618 Dark Jam error during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5401J00	GS619 Dark Jam error during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5401M00	GSA01 Dark Jam error during Deposit Cancel	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5401N00	GSA02 Dark Jam error during Deposit Cancel	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5401P00	GSA03 Dark Jam error during Deposit Cancel	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5401Q00	GSD01 Dark Jam error during Deposit Cancel	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5401W00	GS802 Dark Jam error during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5402100	Error occurred by notes remained in GS801 during Deposit Cancel	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5402200	Error occurred by notes remained in GS002 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5402300	Error occurred by notes remained in GS003 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5402400	Error occurred by notes remained in GS004 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5402500	Error occurred by notes remained in GS005 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5402600	Error occurred by notes remained in GS006 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5402700	Error occurred by notes remained in GS014 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5402800	Error occurred by notes remained in GS018 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5402900	Error occurred by notes remained in GS020 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5402A00	Error occurred by notes remained in GS021 during Deposit Cancel	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5402C00	Error occurred by notes remained in GS030 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5402E00	Error occurred by notes remained in GS001 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5402H00	Error occurred by notes remained in GS618 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5402J00	Error occurred by notes remained in GS619 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5402M00	Error occurred by notes remained in GSA01 during Deposit Cancel	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5402N00	Error occurred by notes remained in GSA02 during Deposit Cancel	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5402P00	Error occurred by notes remained in GSA03 during Deposit Cancel	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5402Q00	Error occurred by notes remained in GSD01 during Deposit Cancel	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5402W00	Error occurred by notes remained in GS802 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5405100	GS801 Path error on transport path during Deposit Cancel	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5405200	GS002 Path error on transport path during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5405300	GS003 Path error on transport path during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5405400	GS004 Path error on transport path during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5405500	GS005 Path error on transport path during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5405600	GS006 Path error on transport path during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5405700	GS014 Path error on transport path during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5405800	GS018 Path error on transport path during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5405900	GS020 Path error on transport path during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5405A00	GS021 Path error on transport path during Deposit Cancel	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5405C00	GS030 Path error on transport path during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5405E00	GS001 Path error on transport path during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5405H00	GS618 Path error on transport path during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5405J00	GS619 Path error on transport path during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5405M00	GSA01 Path error on transport path during Deposit Cancel	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5405N00	GSA02 Path error on transport path during Deposit Cancel	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5405P00	GSA03 Path error on transport path during Deposit Cancel	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5405Q00	GSD01 Path error on transport path during Deposit Cancel	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5405W00	GS802 Path error on transport path during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5406100	GS801 Path error on sensor except for transport path during Deposit Cancel	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5406200	GS002 Path error on sensor except for transport path during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5406300	GS003 Path error on sensor except for transport path during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5406400	GS004 Path error on sensor except for transport path during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5406500	GS005 Path error on sensor except for transport path during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5406600	GS006 Path error on sensor except for transport path during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5406700	GS014 Path error on sensor except for transport path during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5406800	GS018 Path error on sensor except for transport path during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5406900	GS020 Path error on sensor except for transport path during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5406A00	GS021 Path error on sensor except for transport path during Deposit Cancel	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5406C00	GS030 Path error on sensor except for transport path during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5406E00	GS001 Path error on sensor except for transport path during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5406H00	GS618 Path error on sensor except for transport path during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5406J00	GS619 Path error on sensor except for transport path during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5406M00	GSA01 Path error on sensor except for transport path during Deposit Cancel	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5406N00	GSA02 Path error on sensor except for transport path during Deposit Cancel	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5406P00	GSA03 Path error on sensor except for transport path during Deposit Cancel	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5406Q00	GSD01 Path error on sensor except for transport path during Deposit Cancel	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5406W00	GS802 Path error on sensor except for transport path during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5407100	Error occurred by the notes disorder in GS801 during Deposit Cancel	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5407200	Error occurred by the notes disorder in GS002 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5407300	Error occurred by the notes disorder in GS003 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5407400	Error occurred by the notes disorder in GS004 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5407500	Error occurred by the notes disorder in GS005 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5407600	Error occurred by the notes disorder in GS006 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5407700	Error occurred by the notes disorder in GS014 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5407800	Error occurred by the notes disorder in GS018 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5407900	Error occurred by the notes disorder in GS020 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5407A00	Error occurred by the notes disorder in GS021 during Deposit Cancel	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5407C00	Error occurred by the notes disorder in GS030 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5407E00	Error occurred by the notes disorder in GS001 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5407H00	Error occurred by the notes disorder in GS618 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5407J00	Error occurred by the notes disorder in GS619 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5407M00	Error occurred by the notes disorder in GSA01 during Deposit Cancel	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5407N00	Error occurred by the notes disorder in GSA02 during Deposit Cancel	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5407P00	Error occurred by the notes disorder in GSA03 during Deposit Cancel	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5407Q00	Error occurred by the notes disorder in GSD01 during Deposit Cancel	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5407W00	Error occurred by the notes disorder in GS802 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
540D100	Reject excess error (continue Reject error) during Deposit Cancel	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
540D200	Reject excess error (notes excess error) during Deposit Cancel	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
540D300	Reject excess error (Unappointed notes error) during Deposit Cancel	1. Check the Deposited Denomination
540D400	Reject excess error (Cassette note error) during Deposit Cancel	1. Check the Deposited Denomination
540D500	Reject excess error (2notes) during Deposit Cancel	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
540D600	Reject excess error (Gap error(1note)) during Deposit Cancel	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
540D700	Reject excess error (Gap error(2notes)) during Deposit Cancel	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
540D800	Reject excess error (skew error) during Deposit Cancel	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
540D900	Reject excess error (shift error) during Deposit Cancel	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
540DA00	Reject excess error (Max length error(1note)) during Deposit Cancel	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
540DB00	Reject excess error (Max length error(2notes)) during Deposit Cancel	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
540DC00	Reject excess error (Max length error(3notes)) during Deposit Cancel	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
540DD00	Reject excess error (Max length error(4notes)) during Deposit Cancel	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
540DE00	Reject excess error (Min length error(1note)) during Deposit Cancel	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
540DF00	Reject excess error (Min length error(2notes)) during Deposit Cancel	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
540DG00	Reject excess error (note error) during Deposit Cancel	1. Check the Deposited Denomination
540DH00	Reject excess error (MR error) during Deposit Cancel	1. Check the Notes(Failure to Notes recognition)
540DJ00	Reject excess error (IR error) during Deposit Cancel	1. Check the Notes(Failure to Notes recognition)
540DK00	Reject excess error (Edge error) during Deposit Cancel	1. Check the Notes(Failure to Notes recognition)
540DL00	Reject excess error (Image error) during Deposit Cancel	1. Check the Notes(Failure to Notes recognition)

Problem Code	Problem Description	Troubleshooting
540DM00	Reject excess error (UV error) during Deposit Cancel	1. Check the Notes(Failure to Notes recognition)
540DN00	Reject excess error (Sensor error) during Deposit Cancel	1. Operate to initialize BRM(Recovery)
540DO00	Deposit count disallowed notes reject excess error during Deposit Cancel	Return the Notes to customer(Semi OK Code)
540DP00	Reject excess error (Communication error) during Deposit Cancel	1. Operate to initialize BRM(Recovery)
540DQ00	Reject excess error (Full & etc) during Deposit Cancel	1. Operate to initialize BRM(Recovery)
540DR00	Recognition Fail Error (Recognition test fail) during Deposit Cancel	1. Operate to initialize BRM(Recovery)
540DS00	Recognition Fail Error (No Recognition info) during Deposit Cancel	1. Operate to initialize BRM(Recovery)
540DT00	Recognition Fail Error (Only STX in Recognition info) during Deposit Cancel	1. Operate to initialize BRM(Recovery)
540DU00	Recognition Fail Error (Recognition info BCC NG) during Deposit Cancel	1. Operate to initialize BRM(Recovery)
540DV00	Recognition Fail Error (Recognition info MI NG) during Deposit Cancel	1. Operate to initialize BRM(Recovery)
540DW00	Recognition Fail Error (Recognition info Index Fail) during Deposit Cancel	1. Operate to initialize BRM(Recovery)
540DX00	Recognition Fail Error (Info BC Pass Info) during Deposit Cancel	1. Operate to initialize BRM(Recovery)
540DY00	Recognition Fail Error (Serial Number Data Format error) during Deposit Cancel	1. Operate to initialize BRM(Recovery)
540F100	GM001 motor doesn't operate at a constant speed when the motor works during Deposit Cancel	1. Open the upper unit2. Check the Front Transport Path(2) gear rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Check GS804 Sensor Dark/Light Status and Initialize
540F200	GM002 motor doesn't operate at a constant speed when the motor works during Deposit Cancel	1. Open the upper unit2. Check the TOP Transport(4) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
540F400	GM004 motor doesn't operate at a constant speed when the motor works during Deposit Cancel	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
540F600	GM006 motor doesn't operate at a constant speed when the motor works during Deposit Cancel	1. Open the upper unit2. Check the customer service module (CSM 1-1, 1-2) gear and knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
540F700	GM007 motor doesn't operate at a constant speed when the motor works during Deposit Cancel	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize

Problem Code	Problem Description	Troubleshooting
540F900	GM009 motor doesn't operate at a constant speed when the motor works during Deposit Cancel	1. Open the Transit Transport, related system point 2. Check the Transit Transport gear, knob rotates softly 3. Check GS019 Sensor Dark/Light Status and Initialize4. Check remained Notes and substance in the Transit Transport5. Initialize
540FA00	GM001 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Deposit Cancel	1. Open the upper unit2. Check the Front Transport Path(2) gear rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Check GS804 Sensor Dark/Light Status and Initialize
540FB00	GM002 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Deposit Cancel	1. Open the upper unit2. Check the TOP Transport(4) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
540FC00	GM004 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Deposit Cancel	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
540FD00	GM006 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Deposit Cancel	1. Open the upper unit2. Check the customer service module (CSM 1-1, 1-2) gear and knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
540FE00	GM007 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Deposit Cancel	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check GS017 Sensor Dark/Light Status4. Check remained Notes and substance in the upper Transport Path5. Initialize
540FF00	GM009 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Deposit Cancel	1. Open the Transit Transport, related system point 2. Check the Transit Transport gear, knob rotates softly 3. Check GS019 Sensor Dark/Light Status4. Check remained Notes and substance in the Transit Transport5. Initialize
540FY00	Fail to Start BM Low Speed Control during Deposit Cancel (Motor Encoder Error)	1. Open the lower, upper unit2. Check remained Notes and substance in the upper, lower Transport Path3. Check motor encoder sensors4. Initialize
540G100	Failure to 3Way Gate 0 degree mode conversion during Deposit Cancel	1. Open the upper unit2. Open the customer service module(1) and TOP Transport(4)3. Remove notes and substance in the Transport Path and 3way gate4. Check remained Notes and substance in the upper Transport Path5. Initialize
540G200	Failure to 3Way Gate 120 degree mode conversion during Deposit Cancel	1. Open the upper unit2. Open the customer service module(1) and TOP Transport(4)3. Remove notes and substance in the Transport Path and 3way gate4. Check remained Notes and substance in the upper Transport Path5. Initialize
540GB00	Time Out to 3Way Gate Mode conversion during Deposit Cancel	1. Open the upper unit2. Open the customer service module(1) and TOP Transport(4)3. Remove notes and substance in the Transport Path and 3way gate4. Check remained Notes and substance in the upper Transport Path5. Initialize
540GC00	Failure to RTRJ Gate RJC Mode conversion during Deposit Cancel	1. Open the lower unit2. Open MID Transport(7)3. Check remained Notes and substance in the RT/RJC4. Check remained Notes in RT/RJC gate
540GD00	Failure to RTRJ Gate RTC Mode conversion during Deposit Cancel	1. Open the lower unit2. Open MID Transport(7)3. Check remained Notes and substance in the RT/RJC4. Check remained Notes in RT/RJC gate

Problem Code	Problem Description	Troubleshooting
540K100	Duplication S/N Error during Deposit Cancel	1. Check the duplicate note and remove the note.2. Operate to initialize BRM(Recovery)
540N400	Jam Message Receive Error during Deposit Cancel	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
540NA00	Checksum error when notes separate from TSK during Deposit Cancel	1. Operate to initialize BRM(Recovery)
540NC00	length different from separation part to stack part after transport during Deposit Cancel	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
540NK00	BC recognized notes have no cassette to be stacked during Deposit Cancel	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
540Q100	UTC detachment Error during Deposit Cancel	1. Open the upper unit2. Check GS010 Sensor Dark/Light Status3. Check UTC(6) installation condition
540Q200	TSK detachment Error during Deposit Cancel	1. Open the upper unit2. Check GS015 Sensor Dark/Light Status3. Check TSK(5) installation condition
540Q300	BMU Inter Lock Error during Deposit Cancel	1. Check Load/Removal of the upper unit2. Replace a cherry switch when error occurs
540Q400	BMU detackment Error during Deposit Cancel	1. Check Load/Removal of the upper unit
540Q500	Replenishment CST detachment Error during Deposit Cancel	1. Check the safe door open
540Q600	CSM detackment Error during Deposit Cancel	1. Open the upper unit2. Check to open/close CSM3. Check the sensors GS011
540Q800	BMD Inter Lock Error during Deposit Cancel	1. Check the lower Unit load/removal2. Replace a cherry switch when error occurs
540Q900	BMD detachment Error during Deposit Cancel	1. Check the lower Unit load/removal
540QA00	BC Open Error during Deposit Cancel	1. Open the upper unit2. Open the customer service module (CSM)3. Check the lock lever in the BC4. Check GS003 Sensor Dark/Light Status
540QS00	Receive Error Stop CMD during Deposit Cancel	1. Initialize
540R100	BM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
540R200	BM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
540R300	BM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
540SZ00	Receive undefined command during Deposit Cancel	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
541R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
541R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
541R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
541R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
542R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
542R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
542R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
542R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5430100	RC3 GS301 Light Jam during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5430200	RC3 GS302 Light Jam during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5430500	RC3 GS305 Light Jam during Deposit Cancel	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(C)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5431100	RC3 GS301 Dark Jam during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5431200	RC3 GS302 Dark Jam during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5431500	RC3 GS305 Dark Jam during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (C)4. Put down the Stage after open the recycle cassette door (C)5. Remove substance6. Check whether the sensor is contaminated or not if there are No notes or substance.
5432100	Error occurred by notes remained in RC3 GS301 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5432200	Error occurred by notes remained in RC3 GS302 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5432500	Error occurred by notes remained in RC3 GS305 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5433100	Sensor auto calibration error in RC3 GS301 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5433200	Sensor auto calibration error in RC3 GS302 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5433500	Sensor auto calibration error in RC3 GS305 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5434100	Extern lights check error in RC3 GS301 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5434200	Extern lights check error in RC3 GS302 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5434500	Extern lights check error in RC3 GS305 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5435100	Path error on transport path in RC3 GS301 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5435200	Path error on transport path in RC3 GS302 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5435500	Path error on transport path in RC3 GS305 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5436100	Path error on sensor except for transport path in RC3 GS301 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5436200	Path error on sensor except for transport path in RC3 GS302 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5436500	Path error on sensor except for transport path in RC3 GS305 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5437100	Error occurred by the notes disorder in RC3 GS301 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5437200	Error occurred by the notes disorder in RC3 GS302 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5437500	Error occurred by the notes disorder in RC3 GS305 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
543L100	Remaining notes stack process error in RC3 GS301 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
543L200	Remaining notes stack process error in RC3 GS302 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
543L500	Remaining notes stack process error in RC3 GS305 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
543R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
543R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
543R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
543R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5440100	RC4 GS401 Light Jam during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5440200	RC4 GS402 Light Jam during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5440500	RC4 GS405 Light Jam during Deposit Cancel	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(D)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5441100	RC4 GS401 Dark Jam during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5441200	RC4 GS402 Dark Jam during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5441500	RC4 GS405 Dark Jam during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5442100	Error occurred by notes remained in RC4 GS401 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5442200	Error occurred by notes remained in RC4 GS402 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5442500	Error occurred by notes remained in RC4 GS405 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5443100	Sensor auto calibration error in RC4 GS401 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5443200	Sensor auto calibration error in RC4 GS402 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5443500	Sensor auto calibration error in RC4 GS405 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5444100	Extern lights check error in RC4 GS401 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5444200	Extern lights check error in RC4 GS402 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5444500	Extern lights check error in RC4 GS405 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5445100	Path error on transport path in RC4 GS401 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5445200	Path error on transport path in RC4 GS402 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5445500	Path error on transport path in RC4 GS405 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5446100	Path error on sensor except for transport path in RC4 GS401 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5446200	Path error on sensor except for transport path in RC4 GS402 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5446500	Path error on sensor except for transport path in RC4 GS405 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5447100	Error occurred by the notes disorder in RC4 GS401 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5447200	Error occurred by the notes disorder in RC4 GS402 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5447500	Error occurred by the notes disorder in RC4 GS405 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
544L100	Remaining notes stack process error in RC4 GS401 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
544L200	Remaining notes stack process error in RC4 GS402 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
544L500	Remaining notes stack process error in RC4 GS405 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
544R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
544R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
544R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
544R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5450100	RC5 GS501 Light Jam during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5450200	RC5 GS502 Light Jam during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5450500	RC5 GS505 Light Jam during Deposit Cancel	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(E)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5451100	RC5 GS501 Dark Jam during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5451200	RC5 GS502 Dark Jam during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5451500	RC5 GS505 Dark Jam during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5452100	Error occurred by notes remained in RC5 GS501 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5452200	Error occurred by notes remained in RC5 GS502 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5452500	Error occurred by notes remained in RC5 GS505 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5453100	Sensor auto calibration error in RC5 GS501 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5453200	Sensor auto calibration error in RC5 GS502 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5453500	Sensor auto calibration error in RC5 GS505 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5454100	Extern lights check error in RC5 GS501 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5454200	Extern lights check error in RC5 GS502 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5454500	Extern lights check error in RC5 GS505 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5455100	Path error on transport path in RC5 GS501 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5455200	Path error on transport path in RC5 GS502 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5455500	Path error on transport path in RC5 GS505 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5456100	Path error on sensor except for transport path in RC5 GS501 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5456200	Path error on sensor except for transport path in RC5 GS502 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5456500	Path error on sensor except for transport path in RC5 GS505 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5457100	Error occurred by the notes disorder in RC5 GS501 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5457200	Error occurred by the notes disorder in RC5 GS502 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5457500	Error occurred by the notes disorder in RC5 GS505 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
545L100	Remaining notes stack process error in RC5 GS501 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
545L200	Remaining notes stack process error in RC5 GS502 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
545L500	Remaining notes stack process error in RC5 GS505 during Deposit Cancel	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
545R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
545R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
545R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
545R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5461H00	GS618/619 Dark Jam error during Deposit Cancel.	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5462100	CSM Residue Error during Deposit Cancel	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5462200	CSM No separation notes Error during Deposit Cancel	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5462300	CSM insert notes excess Error during Deposit Cancel	1. Operate to initialize BRM(Recovery)2. Check inserting notes into the CSM are over 300 counts at one time3. If BRM does not recovery open the outer/inner Shutter of CSM3.Remove notes and substance in the CSM(1)
5462500	CSM notes disappear Error during Deposit Cancel	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5462600	CSM notes appear Error during Deposit Cancel	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5462Z00	CSM Residue Error during during Deposit Cancle	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
546G100	Fail to move CSM BP to Stack Position during Deposit Cancel	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
546G200	Fail to move CSM BP to Deposit Position during Deposit Cancel	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
546G300	Fail to move CSM BP to Separation Position during Deposit Cancel	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly

Problem Code	Problem Description	Troubleshooting
546G500	Fail to move CSM BP to Note-Out Position during Deposit Cancel	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
546G600	Fail to move CSM P-Roller to Home position during Deposit Cancel	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
546G800	Fail to CSM return notes during Deposit Cancel	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
546G900	CSM GM601 Step out during Deposit Cancel	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
546GA00	Fail to move CSM BP to return note Position during Deposit Cancel	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
546GB00	Fail to move CSM FP to Deposit Position during Deposit Cancel	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Press and release FP check the FP rotate smoothly5. Check GS652 status(Dark & Light)
546GF00	Fail to move CSM G-Roller to Homeposition during Deposit Cancel	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
546GG00	Fail to move both CSM P/G-Roller to Homeposition during Deposit Cancel	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
546M200	CSM Inner Shutter Open Error during Deposit Cancel	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
546M300	CSM Inner Shutter Close Error during Deposit Cancel	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
546M400	CSM Outer Shutter Open Error during Deposit Cancel	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
546M500	CSM Outer Shutter Close Error during Deposit Cancel	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
546M600	CSM Outer Shutter is Opened during Deposit Cancel	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light

Problem Code	Problem Description	Troubleshooting
546M700	CSM Inner Shutter Open during Stack during Deposit Cancel	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
546M800	CSM Stopper Home position Fail during Deposit Cancel	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move PP Front5. Move Bill Stopper forward/backward and check GS668 sensor status6. Initialize
546M900	CSM Stopper Stack position Fail during Deposit Cancel	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move PP Front5. Move Bill Stopper forward/backward and check GS668 sensor status6. Initialize
546MB00	CSM Bill Supporter Up position Fail during Deposit Cancel	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Check the failure and breakage of Bill Lifter/Support5. Initialize
546MC00	CSM Bill Supporter Down position Fail during Deposit Cancel	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Check the failure and breakage of Bill Lifter/Support5. Initialize
546P100	CSM PP Withdrawal(Stack) position Fail during Deposit Cancel	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
546P200	CSM PP Deposit position Fail during Deposit Cancel	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
546P300	CSM PP Separation position Fail during Deposit Cancel	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
546P400	CSM PP collect lost notes position Fail during Deposit Cancel	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
546P500	CSM PP Note-out position Fail during Deposit Cancel	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize

Problem Code	Problem Description	Troubleshooting
546P600	CSM PP Note-arrange position Fail during Deposit Cancel	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
546P800	CSM PP Control Stack Fail during Deposit Cancel	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
546P900	CSM PP Return note position Fail during Deposit Cancel	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
546PD00	CSM PP Check semi-note Fail during Deposit Cancel	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
546PE00	CSM PP Bill SuCSM PPorter Up position Fail during Deposit Cancel	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
546R100	CSM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
546R200	CSM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
546R300	CSM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
546R600	CSM response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
546RB00	CSM BP response timeout during Deposit Cancel	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
546RF00	CSM Feed Motor response timeout during Deposit Cancel	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
546RL00	CSM Lift response timeout during Deposit Cancel	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
546RP00	CSM PP response timeout during Deposit Cancel	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
546RR00	CSM Bill supporter response timeout during Deposit Cancel	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
546RS00	CSM Inner Shutter response timeout during Deposit Cancel	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
546RT00	CSM Stopper response timeout during Deposit Cancel	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
546SA00	CSM Receive undefined command during Deposit Cancel	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
546SR00	CSM Sub Task for Wait Setting Error during Deposit Cancel	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5470100	TSK GS701 Light Jam during Deposit Cancel	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5470200	TSK GS702 Light Jam during Deposit Cancel	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5470300	TSK GS703,4 Light Jam during Deposit Cancel	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5470600	GS006 Light Jam error during Deposit Cancel(TSK motor Step out)	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5470Z00	TSK All Light Jam during Deposit Cancel	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5471100	TSK GS701 Dark Jam during Deposit Cancel	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5471200	TSK GS702 Dark Jam during Deposit Cancel	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5471300	TSK GS703,4 Dark Jam during Deposit Cancel	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5471Z00	TSK All Dark Jam during Deposit Cancel	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)

Problem Code	Problem Description	Troubleshooting
5472100	Error occurred by notes remained in TSK GS701 during Deposit Cancel	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5472200	Error occurred by notes remained in TSK GS702 during Deposit Cancel	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5472300	Error occurred by notes remained in TSK GS703,4 during Deposit Cancel	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5472Z00	Error occurred by notes remained in TSK All Sensor during Deposit Cancel	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5477100	Error occurred by the notes disorder in TSK GS701 during Deposit Cancel	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5477200	Error occurred by the notes disorder in TSK GS702 during Deposit Cancel	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5477300	Error occurred by the notes disorder in TSK GS703,4 during Deposit Cancel	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5477Z00	Error occurred by the notes disorder in TSK All during Deposit Cancel	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
547B200	Note detected in TSK Entry After Separate Ready during Deposit Cancel	1. Open the upper unit2. Open the TSK(Temporary StackKer) (5)3. Remove notes and substance on the PATH(4)
547B300	TSK GM701 motor status change failed(Timeout exceeded) during Deposit Cancel	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
547C100	TSK Miss-pickup during separation during Deposit Cancel	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Remove notes and substance TSK(5) 4. If the same symptoms occur frequently, change the P-roller rubber
547C200	TSK Last note unclear during separation during Deposit Cancel	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Remove notes and substance TSK(5) 4. Close the upper unit5. Initialize
547C300	TSK Last note No front detect during separataion during Deposit Cancel	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
547C400	TSK Last note No rear detect during separataion during Deposit Cancel	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
547C500	TSK Max Length NG occur 10 times Dark Jam during Deposit Cancel	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Remove notes and substance TSK(5) 4. If the same symptoms occur frequently, change the TSK(5)

Problem Code	Problem Description	Troubleshooting
547C600	TSK Max length note stucked in entry Light Jam during Deposit Cancel	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
547C700	TSK Light Jam Retry Over Error during Deposit Cancel	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
547C800	TSK Max length note go out from TSK during motor stop and stucked in BM during Deposit Cancel	1. Open the upper unit2. Open the TSK(Temporary StacKer) (5)3. Remove notes and substance on the PATH(4)
547C900	TSK Low speed control 30 times over Error during Deposit Cancel	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Remove notes and substance TSK(5) 4. If the same symptoms occur frequently, change the TSK(5)
547CA00	TSK Incounted note is not Outcounted for 500ms during Deposit Cancel	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
547F100	TSK GM701 stepout during separation during Deposit Cancel	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5) 6. Rotate the knob of TSK(5) to find obstruction out
547F300	TSK GM701 F-Roller Homeposition fail during Deposit Cancel	1. Open the upper unit2. Open the TM(Test Module)3. Rotate the knob of TSK to check sensor(GS752) change 4. Rotate the knob of TSK(5) to find obstruction out
547G100	GM701 Return notes fail during Deposit Cancel	1. Open the upper unit2. Confirm to Rotate a knob of TSK(5) softly
547J100	TSK Full during Deposit Cancel	1. Open the upper unit2. Open the TSK(5)3. Check the notes remain in the TSK(5)4. Remove notes remain in the TSK
547J200	TSK Empty during ready separation during Deposit Cancel	1. Open the upper unit2. Check the notes remain in the TSK(5)3. Check the GS701/GS702/GS706/GS707 Sensor4. Remove notes remain in the TSK
547L100	Remaining notes stack process error in TSK GS701 during Deposit Cancel	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
547L200	Remaining notes stack process error in TSK GS702 during Deposit Cancel	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
547L300	Remaining notes stack process error in TSK GS703,4 during Deposit Cancel	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
547LZ00	Remaining notes stack process error in TSK All during Deposit Cancel	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
547M100	TSK Stopper Home position for intialize fail during Deposit Cancel	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Check if stopper was obstructed
547M200	TSK Stopper Stack position for intialize fail during Deposit Cancel	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Check if stopper was obstructed

Problem Code	Problem Description	Troubleshooting
547M300	TSK Stopper Return note position for initialize fail during Deposit Cancel	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if stopper was obstructed
547M400	TSK Stopper Lock FP Fail during Deposit Cancel	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if FP(Front Plate) was obstructed
547M500	TSK Stopper Unlock FP Fail during Deposit Cancel	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if FP(Front Plate) was obstructed
547P100	FP Sensor detect Dark Fail during Deposit Cancel	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if PP(Push Plate) was obstructed to rotate PP knob4. Check if FP(Front Plate) was obstructed to rotate
547P200	FP Sensor detect Light Fail during Deposit Cancel	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if PP(Push Plate) was obstructed to rotate PP knob4. Check if FP(Front Plate) was obstructed to rotate
547P300	PP Press position fail during Deposit Cancel	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if PP(Push Plate) was obstructed to rotate PP knob
547Q700	TSK Door Open during operation in Deposit Cancel	1. Close the door of TSK(5)
547R100	TSK response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
547R200	TSK response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
547R300	TSK response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
547R600	TSK response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
547RF00	TSK Feed Motor response timeout in Deposit Cancel	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
547RP00	TSK PP response timeout in Deposit Cancel	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
547RT00	TSK Stopper response timeout in Deposit Cancel	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
547S200	TSK Receive undefined command in Deposit Cancel	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
547SR00	TSK Sub Task for Wait Setting Error in Deposit Cancel	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
548HA01	GS801A Sensor Error during Deposit Cancel	1. Check GS801A2. Operate to initialize BRM(Recovery)
548HA02	GS801B Sensor Error during Deposit Cancel	1. Check GS801B2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
548HA03	GS801A, GS801B Sensor Error during Deposit Cancel	1. Check GS801A, GS801B2. Operate to initialize BRM(Recovery)
548HA04	GS802A Sensor Error during Deposit Cancel	1. Check GS802A2. Operate to initialize BRM(Recovery)
548HA05	GS801A, GS802A Sensor Error during Deposit Cancel	1. Check GS801A, GS802A2. Operate to initialize BRM(Recovery)
548HA06	GS801B, GS802A Sensor Error during Deposit Cancel	1. Check GS801B, GS802A2. Operate to initialize BRM(Recovery)
548HA07	GS801A, GS801B, GS802A Sensor Error during Deposit Cancel	1. Check GS801A, GS801B, GS802A2. Operate to initialize BRM(Recovery)
548HA08	GS802B Sensor Error during Deposit Cancel	1. Check GS802B2. Operate to initialize BRM(Recovery)
548HA09	GS801A, GS802B Sensor Error during Deposit Cancel	1. Check GS801A, GS802B2. Operate to initialize BRM(Recovery)
548HA10	GS801B, GS802B Sensor Error during Deposit Cancel	1. Check GS801B, GS802B2. Operate to initialize BRM(Recovery)
548HA11	GS801A, GS801B, GS802B Sensor Error during Deposit Cancel	1. Check GS801A, GS801B, GS802B2. Operate to initialize BRM(Recovery)
548HA12	GS802A, GS802B Sensor Error during Deposit Cancel	1. Check GS802A, GS802B2. Operate to initialize BRM(Recovery)
548HA13	GS801A, GS802A, GS802B Sensor Error during Deposit Cancel	1. Check GS801A, GS802A, GS802B2. Operate to initialize BRM(Recovery)
548HA14	GS801B, GS802A, GS802B Sensor Error during Deposit Cancel	1. Check GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
548HA15	GS801A, GS801B, GS802A, GS802B Sensor Error during Deposit Cancel	1. Check GS801A, GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
548HB01	MR Sensor Level Error during Deposit Cancel	1. Check MR Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
548HC02	UV_01 Sensor Level Error during Deposit Cancel	1. Check UV Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
548HF03	CIS Shading data loading Fail during Deposit Cancel	1. Operate shading in the BC CIS2. Operate to initialize BRM(Recovery)
548HF04	Detection DB Table loading Fail during Deposit Cancel	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
548HF05	BC FPGA Data checksum Fail during Deposit Cancel	1. Check to BC FPGA File2. Operate to initialize BRM(Recovery)
548HF06	BC FPGA Configuration Fail during Deposit Cancel	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
548HF07	BC FPGA Header Information Loading Fail during Deposit Cancel	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
548HF08	BC FPGA Initialize Fail during Deposit Cancel	1. Re-download BC FPGA2. Change the BC B/D if continuous error.

Problem Code	Problem Description	Troubleshooting
548HF09	BC FPGA VERSION Fail during Deposit Cancel	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
548HF11	Detection DB #01 loading Fail during Deposit Cancel	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
548HF12	Detection DB #02 loading Fail during Deposit Cancel	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
548HF13	Detection DB #03 loading Fail during Deposit Cancel	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
548HF14	Detection DB #04 loading Fail during Deposit Cancel	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
548HF15	Detection DB #05 loading Fail during Deposit Cancel	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
548HF16	Detection DB #06 loading Fail during Deposit Cancel	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
548HF17	Detection DB #07 loading Fail during Deposit Cancel	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
548HF18	Detection DB #08 loading Fail during Deposit Cancel	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
548HF19	Detection DB #09 loading Fail during Deposit Cancel	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
548HF20	Detection DB #10 loading Fail during Deposit Cancel	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
548HG01	Mode Set Error When Receive BC MODE Command (Mode Value is not 1 or 2 ) during Deposit Cancel	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
548HG02	Detection Level Set Error When Receive BC MODE Command (Detection Level Value is 0 ) during Deposit Cancel	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
548HG03	BC Transaction Ready Fail When Receive BC READY Command during Deposit Cancel	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
548HG04	Mode Set Error When Receive BC READY Command (Mode Value is not 1 or 2 ) during Deposit Cancel	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
548HG05	Detection Level Set Error When Receive BC READY Command (Detection Level Value is 0 ) during Deposit Cancel	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
548HG06	BC Entry Direction Set Error When Receive BC READY Command (Not Deposit-Withdrawal/Stack Direction ) during Deposit Cancel	1. Check BC putting direction.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
548HG07	Receive BC Unknown Command during Deposit Cancel	1. Check BC reception full command.1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization.
548HG08	The Number of Nations Set Error When Receive BC DATA WRITE Command (Over 0, 10) during Deposit Cancel	1. Check the number of supported country.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
548HG09	Nation Code Set Error When Receive BC DATA WRITE Command during Deposit Cancel	1. Check the supported country code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
548HG10	Detection DB of the Nation is not exist When Receive BC DATA WRITE Command during Deposit Cancel	1. Check the BC recognition DB of country.2. Download DB again after deleting all recognition DB3. Operate to initialize BRM(Recovery)4. Reboot the system when same error occurred after initialization.
548HG11	No Nation Code When Receive BC READY Command during Deposit Cancel	1. Check the country setting value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
548HG12	BC Version Value Set Error When Receive BC DATA WRITE Command (Not BC FPGA) during Deposit Cancel	1. Check the BC specifications devision and BC FPGA specifications.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initializatio
548HG20	Fail to Initialize CIS When Receive BC READY Command during Deposit Cancel	1. Operate to initialize BRM(Recovery)2. Check CIS part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
548HG21	Fail to ENCODER POWER ON When Receive BC READY Command during Deposit Cancel	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
548HG22	Fail to adjust DD Sensor DAC When Receive BC READY Command during Deposit Cancel	1. Operate to initialize BRM(Recovery)2. Check whether the sensor is contaminated or not if same error occurs after Initialize3. Reboot the system when same error occurs even though there is no substance.
548HG23	DD Sensor DAC Set Error When Receive BC READY Command during Deposit Cancel	1. Operate to initialize BRM(Recovery)2. Check DD sensor part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
548HG24	ENCODER Mode Set Error When Receive BC READY Command during Deposit Cancel	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance
548HG30	Counterfeit Note List CRC Error When Receive BC SERIAL NO Command during Deposit Cancel	1. Check the forged notes list CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
548HG31	Not Receive The Number of Counterfeit Note Lists and CRC When Receive BC SERIAL NO Command during Deposit Cancel	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
548HG32	Over The Number of Counterfeit Note Lists When Receive BC SERIAL NO Command (Over 200) during Deposit Cancel	1. Check the whole number of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
548HG33	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Nation Code 0) during Deposit Cancel	1. Check the country code of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
548HG34	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Length Over 2~29) during Deposit Cancel	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
548HG36	Note Number Detection Mode Set Error When Receive BC MODE Command (Mode Value is Not 0, 1, 2) during Deposit Cancel	1. Check to the recognized mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
548HG37	Transaction Classification Set Error When Receive BC MODE Command (Classification Value is Not 0, 1, 2) during Deposit Cancel	1. Check to the transaction setting.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
548HG38	Counterfeit Note List Search Classification Set Error When Receive BC SERIAL NO Command <small>위조지폐 목록 검색 구분 설정 오류</small> (Classification Value is Not 1, 2, 3 ) during Deposit Cancel	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
548HG39	Counterfeit Note List Note Number Set Error When Receive BC SERIAL NO Command (Use '*' When Search Note Number Part) during Deposit Cancel	1. Check the forged notes list's note numbers.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
548HG3A	BC MODE SET Bill Management Level Set Error (Over 1~5) during Deposit Cancel	1. Check check management mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
548HG3B	Over The Number of BC MODE SET Back Codes (Over 15) during Deposit Cancel	1. Check the number of check issued by our bank code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
548HG40	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use End Number at First When Search Note Number Part) during Deposit Cancel	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
548HG41	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use Start Number at Last When Search Note Number Part) during Deposit Cancel	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
548HG42	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Wrong Start/End Number Order When Search Note Number Part) during Deposit Cancel	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
548HG43	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Use Wrong Length Value When Search Note Number Part) during Deposit Cancel	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
548HG44	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Use Wrong Nation Code When Search Note Number Part) during Deposit Cancel	1. Check the forged notes list's country-code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
548HG45	Not Receive The Number of Bill Number Tables and CRC When Receive Check No Write Command during Deposit Cancel	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
548HG46	Bill Number Error When Receive Check No Write Command during Deposit Cancel	1. Check the check number when registering check number.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
548HG47	Bill Number Table Length Set Error When Receive Check No Write Command (Length Over 0~50) during Deposit Cancel	1. Check check number table's length.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
548HG48	Bill Number Table CRC Error When Receive Check No Write Command during Deposit Cancel	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
548HG49	Over The Number of Bill Number Tables When Receive Check No Write Command (Over 5) during Deposit Cancel	1. Check check total number of tables.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
548HH01	Fail to Delete NAND FLASH during Deposit Cancel	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
548HH02	NAND FLASH Delete BLOCK Set Error When Download Detection DB during Deposit Cancel	1. Download DB again after checking recognition DB's delete index.2. Operate to initialize BRM(Recovery)
548HH03	Fail to Download Detection DB during Deposit Cancel	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
548HH04	NAND FLASH Download BLOCK Set Error When Download Detection DB during Deposit Cancel	1. Download DB again after checking recognition DB's index.2. Operate to initialize BRM(Recovery)
548HH05	Detection DB Download File Check Error during Deposit Cancel	1. Download DB again after checking recognition DB file.2. Operate to initialize BRM(Recovery)
548HH06	Detection DB Download File Size Error during Deposit Cancel	1. Download DB again after checking recognition DB download file.2. Operate to initialize BRM(Recovery)
548HH07	DB Table Save Error After Download Detection DB during Deposit Cancel	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
548HH08	Over Detection DB Download (Over 10) during Deposit Cancel	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
548HH09	Detection DB Header Information Error during Deposit Cancel	1. Download DB again after deleting recognition DB.2. Operate to initialize BRM(Recovery)
548HH10	EP Download Fail during Deposit Cancel	1. Re-download BC EP.2. Change the BC B/D if continuous error.
548HH11	EP Downlaod Check Error during Deposit Cancel	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
548HH12	EP Download File Size Error during Deposit Cancel	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
548HH13	EP Download File ID Error (Not EPAP/EPBT/EPFP) during Deposit Cancel	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
548HH14	BC FPGA Download Fail during Deposit Cancel	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
548HH15	Header Information Save Error After BC FPGA Download during Deposit Cancel	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
548HH16	Not Provide BC FPGA Download during Deposit Cancel	1. Check BC FPGA VERSION.2. Change the BC B/D if continuous error.
548HH17	EEPROM READ/WRITE Error during Deposit Cancel	1. Re-register and Re-Inquiry Unit Serial numbe.2. Change the BC B/D if continuous error.
548HH18	Receive Unit Serial Number Undefined Option during Deposit Cancel	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.

Problem Code	Problem Description	Troubleshooting
548HH19	Receive USB Undefined Command during Deposit Cancel	1. Check USB Command from BC and retry the operation2. Check BC version and Update EP3. Change the BC B/D if continuous error.
548HH20	No BC Process Note When Receive Image Upload Command during Deposit Cancel	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
548HH21	FC1 Set Error When Receive Image Upload Command during Deposit Cancel	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
548HH22	BC is Processing Note When Receive Image Upload Command during Deposit Cancel	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
548HH23	FC2 Set Error When Receive Image Upload Command during Deposit Cancel	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
548HH24	Not Provide Total Image Upload Function during Deposit Cancel	1. Check if SP or TM is out of date.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
548HH25	Not Provide Note Number Detection Image Upload Function during Deposit Cancel	1. Check BC image save mode.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
548HH26	FC2 Set Error When Receive Image Information Upload Command during Deposit Cancel	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
548HH27	BRM Transaction Mode is Not Same with Image Upload Command Mode during Deposit Cancel	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
548HH28	BRM Transaction Mode is Not Same with Replenishment/Collect Cash Image Upload Command Mode during Deposit Cancel	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
548HH29	No BC Process Note When Receive Replenishment/Collect Cash Image Upload Command during Deposit Cancel	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
548HH2A	FC1 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Deposit Cancel	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
548HH2B	BC is Processing Note When Receive Replenishment/Collect Cash Image Upload Command during Deposit Cancel	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
548HH2C	FC2 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Deposit Cancel	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
548HH2D	Not Provide Replenishment/Collect Cash Image Upload Function during Deposit Cancel	1. Check BC image save mode.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.

Problem Code	Problem Description	Troubleshooting
548HH2E	Note Image Upload Index is Not Same When Receive Replenishment/Collect Cash Image Upload Command during Deposit Cancel	1. Get BC log and image.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
548HI01	RecogTask Messeage Timeout Error during Deposit Cancel	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
548HI02	ScanTask Messeage Timeout Error during Deposit Cancel	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
548HI03	UartTask Messeage Timeout Error during Deposit Cancel	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
548HI04	BcUsbTask Messeage Timeout Error during Deposit Cancel	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
548HJ01	Algorithm Initialize Fail during Deposit Cancel	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
548HJ02	Algorithm Ready Fail during Deposit Cancel	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
548HJ03	Algorithm Information Set Error during Deposit Cancel	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
548HK01	Table CRC Error When Set Poly-Note Withdrawal Information during Deposit Cancel	1. Retry the operation
548HK02	CST Note Information Set Number Error When Set Poly-Note Withdrawal Information (n is 0 or over 256) during Deposit Cancel	1. Check the number of CST Setting notes info
548HK03	Withdrawal Note Number Set Error When Set Poly-Note Withdrawal Information ( n is 0 or over 3000) during Deposit Cancel	1. Check Withdrawal notes setting
548HK04	Note Information (Not CST Set Note) is Set in Withdrawal Note Information When Set Poly-Note Withdrawal Information during Deposit Cancel	1. Check Withdrawal notes info
548HS01	FPGA Write Data Error When Initialize Scan Driver during Deposit Cancel	1. Retry the operation.2. Operate to initialize BRM(Recovery)
548HS02	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver during Deposit Cancel	1. Retry the operation.2. Operate to initialize BRM(Recovery)
548HS03	Fail to Set CIS Led On Value When Initialize Scan Driver during Deposit Cancel	1. Retry the operation.2. Operate to initialize BRM(Recovery)
548HS04	Fail to Set Source of Scan Light When Initialize Scan Driver during Deposit Cancel	1. Retry the operation.2. Operate to initialize BRM(Recovery)
548HS05	Not Process Shading When Initialize Scan Driver during Deposit Cancel	1. Perform CiS Shading.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
548HS08	Fail to Set DAC When Initialize Scan Driver during Deposit Cancel	1. Retry the operation.2. Operate to initialize BRM(Recovery)
548HS11	FPGA Write Data Error When BC Ready during Deposit Cancel	1. Retry the operation.2. Operate to initialize BRM(Recovery)
548HS12	Fail to Power On When BC Ready Sensor(MR/UV/DD/Encoder/Entry Sensor) during Deposit Cancel	1. Retry the operation.2. Operate to initialize BRM(Recovery)
548HS13	Fail to Set CIS Led On Value When BC Ready during Deposit Cancel	1. Retry the operation.2. Operate to initialize BRM(Recovery)
548HS14	Fail to Set Source of Scan Ligh When BC Ready during Deposit Cancel	1. Retry the operation.2. Operate to initialize BRM(Recovery)
548HS15	Not Process Shading When BC Ready during Deposit Cancel	1. Retry the operation.2. Operate to initialize BRM(Recovery)
548HS17	Fail to Set AFE Chip When BC Ready during Deposit Cancel	1. Retry the operation.2. Operate to initialize BRM(Recovery)
548HS18	Fail to Set DAC When BC Ready during Deposit Cancel	1. Retry the operation.2. Operate to initialize BRM(Recovery)
548HS19	MR/UV/DD Sampling Start Error When BC Ready during Deposit Cancel	1. Retry the operation.2. Operate to initialize BRM(Recovery)
548HS1A	Fail to Set 2-Notes DAC When BC Ready during Deposit Cancel	1. Check whether double notes sensor is contaminate or not.2. Check whether double notes sensor is connected.3. Retry the operation.4. Change the BC if continuous error.
548HS1B	2-Notes to 1-Note Adjust Information Error When BC Ready during Deposit Cancel	1. Perform calibration info about double notes or one note.2. Operate to initialize BRM(Recovery)
548HS22	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver When Stop BC during Deposit Cancel	1. Retry the operation.2. Operate to initialize BRM(Recovery)
548HS28	Fail to Set DAC When Stop BC during Deposit Cancel	1. Retry the operation.2. Operate to initialize BRM(Recovery)
548HS29	MR/UV/DD Sampling Stop Error When Stop BC during Deposit Cancel	1. Retry the operation.2. Operate to initialize BRM(Recovery)
548HS31	BC Ready Fail When Process CIS Shading – Use in Plant during Deposit Cancel	1. Perform calibration info about double notes or one note and double notes DAC2. Retry the operation
548HS32	Dark Adjust Fail When Process CIS Shading – Use in Plant during Deposit Cancel	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Change CIS and Cable5. Change BC
548HS33	Over Target Gap When Process CIS Shading Shading – Use in Plant during Deposit Cancel	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
548HS34	Fail to Write Result Value Flash When Process CIS Shading – Use in Plant during Deposit Cancel	1. Retry the operation2. Change BC
548HS35	BC Stop Fail When Process CIS Shading – Use in Plant during Deposit Cancel	1. Retry the operation2. Change BC
548HS36	Over 10Pixel-Excess-Image When Process CIS Shading during Deposit Cancel	1. Retry the operation2. Check CIS note quility and setting status3. Check CIS Connection Status4. Change BC

Problem Code	Problem Description	Troubleshooting
548HS37	Dark Shading Result Value is Standard Over When Process CIS Shading during Deposit Cancel	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Retry the operation5. Change BC
548HS38	Max Ontime Ove When Process CIS Shadingr – Use in Plant during Deposit Cancel	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
548HS39	Fail to Set Source of Shading Light When Process CIS Shading – Use in Plant during Deposit Cancel	1. Retry the operation2. Change BC
548HS41	Fail to Adjust 2-Notes DAC (Less Than MIN) – Use in Plant during Deposit Cancel	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the opertion4. Change BC
548HS42	Fail to Adjust 2-Notes DAC (Over MAX) – Use in Plant during Deposit Cancel	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the opertion4. Change BC
548HS43	2-Notes Adjust Flash Write Fail – Use in Plant during Deposit Cancel	1. Retry the operation2. Change BC
548R100	BC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
548R200	BC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
548R300	BC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
548R600	BC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
548S100	BCU response MI error during Deposit Cancel	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
548S200	BCU response BCC error during Deposit Cancel	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
548S300	BCU response Sub MI error during Deposit Cancel	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
548S400	BCU response Parameter error during Deposit Cancel	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
548S900	BCU response Timeout Error during Deposit Cancel	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
54A2100	Error occurred by notes remained in GS801 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
54A2200	Error occurred by notes remained in GS002 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
54A2300	Error occurred by notes remained in GS003 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
54A2400	Error occurred by notes remained in GS004 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
54A2500	Error occurred by notes remained in GS005 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
54A2600	Error occurred by notes remained in GS006 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
54A2700	Error occurred by notes remained in GS014 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
54A2800	Error occurred by notes remained in GS018 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
54A2900	Error occurred by notes remained in GS020 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
54A2A00	Error occurred by notes remained in GS021 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
54A2C00	Error occurred by the notes remained in the BCU(CIS Sensor or DD Sensor) during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
54A2E00	Error occurred by notes remained in GS001 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
54A2H00	Error occurred by notes remained in GS618 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
54A2J00	Error occurred by notes remained in GS619 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
54A2K00	Error occurred by notes remained in GS701,702 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
54A2M00	Error occurred by notes remained in GSA01 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
54A2N00	Error occurred by notes remained in GSA02 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
54A2P00	Error occurred by notes remained in GSA03 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
54A2Q00	Error occurred by notes remained in GSD01 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
54A2W00	Error occurred by notes remained in GS802 during Deposit Cancel	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
54AA100	UTC open Error before operation Deposit Cancel	1. Open the upper unit. 2. Check the UTC removal and reinstallation
54AA200	TSK open Error before operation Deposit Cancel	1. Open the upper unit. 2. Check the TSK open and close
54AA300	BMU Inter Lock Error before operation Deposit Cancel	1. Check BMU open and close
54AA400	BMU open Error before operation Deposit Cancel	1. Check BMU open and close

Problem Code	Problem Description	Troubleshooting
54AA500	Replenishment CST open Error before operation Deposit Cancel	1. Check the Transit CST installation
54AA600	CSM open Error before operation Deposit Cancel	1. Open the upper unit. 2. Check CSM Open/Close
54AA800	BMD Inter Lock Error before operation Deposit Cancel	1. Open the lower unit. 2. Check the BMD open and close
54AA900	BMD open Error before operation Deposit Cancel	1. Open the lower unit. 2. Check the BMD open and close
54AAA00	BC Open Error before operation Deposit Cancel	1. Open the upper unit. 2. Check BC Open/Close
54AAB00	RC Full Error before operation Deposit Cancel	1. Open the lower unit. 2. Check RC Full and remove notes
54AAC00	RJC Full Error before operation Deposit Cancel	1. Open the upper unit. 2. Check RJC Full and remove notes
54AAD00	UTC Full Error before operation Deposit Cancel	1. Open the upper unit. 2. Remove UTC and open the UTC Door3. Remove notes and reinstallation UTC
54AAE00	RTC Full Error before operation Deposit Cancel	1. Open the lower unit. 2. Remove RT/RJC and open the Door3. Remove notes and reinstall RT/RJC
54AAF00	RC Empty Error before operation Deposit Cancel	1. Open the lower unit. 2. Remove RC and open the RC Door, Check the Empty Status3. Reinstall the RC
54AAG00	Suspected note RC open Error before operation Deposit Cancel	1. Open the lower unit. 2. Check the RC removal and reinstall
54AAJ00	Deposit Cancel is not supported in the setting Test Mode	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
54AE100	Received operation command without Initial Info Set during Deposit Cancel	1. Restart over AP-SP2. Do transaction operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
54AE200	Status on not operation reception command during Deposit Cancel	1. Restart over AP-SP2. Do transaction operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
54AE300	Received operation command without System Info Read during Deposit Cancel	1. Restart over AP-SP2. Do transaction operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
54AE400	Transaction was executed without Initializing after power on during Deposit Cancel	1. Restart over AP-SP2. Do transaction operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
54AEE00	RBU RS485 communication sequence disorder during Deposit Cancel	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
54AEF00	RBU RS485 connection line disorder during Deposit Cancel	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
54AEL00	RBU communication was not ready after power on during Deposit Cancel	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
54AH600	Failure to check clearing NVRAM during Deposit Cancel	1. Operate to initialize BRM(Recovery)
54ANC00	CSM stack count is more than that of TSK during deposit cancle	1. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
54AND00	In case of difference between separate TSK notes from TSK after Deposit Cancel and stack notes to TSK after Deposit Cancel	1. Operate to initialize BRM(Recovery)
54AR100	Message timeout error during operation ready during Deposit Cancel	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
54AR200	Message timeout error during transaction operation during Deposit Cancel	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
54AR300	Message timeout error during error postprocessing during Deposit Cancel	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
54AR800	RBU/BC sensor auto dimming response message timeout error during Deposit Cancel	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
54ARC00	BC response message timeout error during Deposit Cancel	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
54ARJ00	Message timeout error during Stop Ready during Deposit Cancel	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
54BR000	RBU Response Timeout during Deposit Cancel	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
54BR700	RBU Response Message Timeout during Deposit Cancel	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
54BS100	RBU RS-232 Seq Num Echo Error during Deposit Cancel	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
54BS200	RBU RS-232 MI Echo Error during Deposit Cancel	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
54BSS00	RBU Auto Calibration Command Parameter Error during Deposit Cancel	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
54CR100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
54CR200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
54CR300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
54CR600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
54ER100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
54ER200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
54ER300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
54ER600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
54US100	USB Bulk Sequence Error during Deposit Cancel.	1. Restart over AP-SP
54US300	USB Bulk Received Length Error during Deposit Cancel.	1. Reboot the system
54US400	Message transmission Error from USB to Main Task during Deposit Cancel.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
54US500	Message reception Error from MainTask to USB during Deposit Cancel.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
54USCMD	Bulk command data check error during Deposit Cancel. (USB communication failure)	1. Restart over AP-SP
54USCRC	CRC data check error during Deposit Cancel. (USB communication failure)	1. Restart over AP-SP
54USLEN	Bulk length error during Deposit Cancel. (USB communication failure)	1. Restart over AP-SP
5500100	GS801 Light Jam error during Withdrawal for adjustment	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5500200	GS002 Light Jam error during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5500300	GS003 Light Jam error during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5500400	GS004 Light Jam error during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5500500	GS005 Light Jam error during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5500600	GS006 Light Jam error during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5500700	GS014 Light Jam error during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5500800	GS018 Light Jam error during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5500900	GS020 Light Jam error during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5500A00	GS021 Light Jam error during Withdrawal for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5500E00	GS001 Light Jam error during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5500H00	GS618 Light Jam error during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5500J00	GS619 Light Jam error during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5500M00	GSA01 Light Jam error during Withdrawal for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5500N00	GSA02 Light Jam error during Withdrawal for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5500P00	GSA03 Light Jam error during Withdrawal for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5500Q00	GSD01 Light Jam error during Withdrawal for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5500W00	GS802 Light Jam error during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5501100	GS801 Dark Jam error during Withdrawal for adjustment	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5501200	GS002 Dark Jam error during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5501300	GS003 Dark Jam error during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5501400	GS004 Dark Jam error during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5501500	GS005 Dark Jam error during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5501600	GS006 Dark Jam error during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5501700	GS014 Dark Jam error during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5501800	GS018 Dark Jam error during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5501900	GS020 Dark Jam error during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5501A00	GS021 Dark Jam error during Withdrawal for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5501C00	GS030 Dark Jam error during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5501E00	GS001 Dark Jam error during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5501H00	GS618 Dark Jam error during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5501J00	GS619 Dark Jam error during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5501M00	GSA01 Dark Jam error during Withdrawal for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5501N00	GSA02 Dark Jam error during Withdrawal for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5501P00	GSA03 Dark Jam error during Withdrawal for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5501Q00	GSD01 Dark Jam error during Withdrawal for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5501W00	GS802 Dark Jam error during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5502100	Error occurred by notes remained in GS801 during Withdrawal for adjustment	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5502200	Error occurred by notes remained in GS002 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5502300	Error occurred by notes remained in GS003 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5502400	Error occurred by notes remained in GS004 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5502500	Error occurred by notes remained in GS005 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5502600	Error occurred by notes remained in GS006 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5502700	Error occurred by notes remained in GS014 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5502800	Error occurred by notes remained in GS018 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5502900	Error occurred by notes remained in GS020 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5502A00	Error occurred by notes remained in GS021 during Withdrawal for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5502C00	Error occurred by notes remained in GS030 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5502E00	Error occurred by notes remained in GS001 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5502H00	Error occurred by notes remained in GS618 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5502J00	Error occurred by notes remained in GS619 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5502M00	Error occurred by notes remained in GSA01 during Withdrawal for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5502N00	Error occurred by notes remained in GSA02 during Withdrawal for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5502P00	Error occurred by notes remained in GSA03 during Withdrawal for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5502Q00	Error occurred by notes remained in GSD01 during Withdrawal for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5502W00	Error occurred by notes remained in GS802 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5505100	GS801 Path error on transport path during Withdrawal for adjustment	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5505200	GS002 Path error on transport path during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5505300	GS003 Path error on transport path during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5505400	GS004 Path error on transport path during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5505500	GS005 Path error on transport path during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5505600	GS006 Path error on transport path during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5505700	GS014 Path error on transport path during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5505800	GS018 Path error on transport path during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5505900	GS020 Path error on transport path during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5505A00	GS021 Path error on transport path during Withdrawal for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5505C00	GS030 Path error on transport path during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5505E00	GS001 Path error on transport path during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5505H00	GS618 Path error on transport path during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5505J00	GS619 Path error on transport path during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5505M00	GSA01 Path error on transport path during Withdrawal for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5505N00	GSA02 Path error on transport path during Withdrawal for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5505P00	GSA03 Path error on transport path during Withdrawal for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5505Q00	GSD01 Path error on transport path during Withdrawal for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5505W00	GS802 Path error on transport path during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5506100	GS801 Path error on sensor except for transport path during Withdrawal for adjustment	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5506200	GS002 Path error on sensor except for transport path during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5506300	GS003 Path error on sensor except for transport path during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5506400	GS004 Path error on sensor except for transport path during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5506500	GS005 Path error on sensor except for transport path during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5506600	GS006 Path error on sensor except for transport path during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5506700	GS014 Path error on sensor except for transport path during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5506800	GS018 Path error on sensor except for transport path during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5506900	GS020 Path error on sensor except for transport path during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5506A00	GS021 Path error on sensor except for transport path during Withdrawal for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5506C00	GS030 Path error on sensor except for transport path during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5506E00	GS001 Path error on sensor except for transport path during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5506H00	GS618 Path error on sensor except for transport path during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5506J00	GS619 Path error on sensor except for transport path during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5506M00	GSA01 Path error on sensor except for transport path during Withdrawal for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5506N00	GSA02 Path error on sensor except for transport path during Withdrawal for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5506P00	GSA03 Path error on sensor except for transport path during Withdrawal for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5506Q00	GSD01 Path error on sensor except for transport path during Withdrawal for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5506W00	GS802 Path error on sensor except for transport path during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5507100	Error occurred by the notes disorder in GS801 during Withdrawal for adjustment	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5507200	Error occurred by the notes disorder in GS002 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5507300	Error occurred by the notes disorder in GS003 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5507400	Error occurred by the notes disorder in GS004 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5507500	Error occurred by the notes disorder in GS005 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5507600	Error occurred by the notes disorder in GS006 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5507700	Error occurred by the notes disorder in GS014 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5507800	Error occurred by the notes disorder in GS018 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5507900	Error occurred by the notes disorder in GS020 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5507A00	Error occurred by the notes disorder in GS021 during Withdrawal for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5507C00	Error occurred by the notes disorder in GS030 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5507E00	Error occurred by the notes disorder in GS001 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5507H00	Error occurred by the notes disorder in GS618 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5507J00	Error occurred by the notes disorder in GS619 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5507M00	Error occurred by the notes disorder in GSA01 during Withdrawal for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5507N00	Error occurred by the notes disorder in GSA02 during Withdrawal for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5507P00	Error occurred by the notes disorder in GSA03 during Withdrawal for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5507Q00	Error occurred by the notes disorder in GSD01 during Withdrawal for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5507W00	Error occurred by the notes disorder in GS802 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
550D100	Reject excess error (continue Reject error) during Withdrawal for adjustment	1. Check the Rejected denomination during Withdrawal for adjustment(Including denomination which did not set up in the cassette)
550D200	Reject excess error (notes excess error) during Withdrawal for adjustment	1. Check the Rejected denomination during Withdrawal for adjustment(Including denomination which did not set up in the cassette)

Problem Code	Problem Description	Troubleshooting
550D300	Reject excess error (Unappointed notes error) during Withdrawal for adjustment	1. Check the Rejected denomination during Withdrawal for adjustment(Including denomination which did not set up in the cassette)
550D400	Reject excess error (Cassette note error) during Withdrawal for adjustment	1. Check the Rejected denomination during Withdrawal for adjustment(Including denomination which did not set up in the cassette)
550D500	Reject excess error (2notes) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
550D600	Reject excess error (Gap error(1note)) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
550D700	Reject excess error (Gap error(2notes)) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
550D800	Reject excess error (skew error) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
550D900	Reject excess error (shift error) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
550DA00	Reject excess error (Max length error(1note)) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
550DB00	Reject excess error (Max length error(2notes)) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
550DC00	Reject excess error (Max length error(3notes)) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
550DD00	Reject excess error (Max length error(4notes)) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
550DE00	Reject excess error (Min length error(1note)) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
550DF00	Reject excess error (Min length error(2notes)) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution

Problem Code	Problem Description	Troubleshooting
550DG00	Reject excess error (note error) during Withdrawal for adjustment	1. Check the Rejected denomination during Withdrawal for adjustment(Including denomination which did not set up in the cassette)
550DH00	Reject excess error (MR error) during Withdrawal for adjustment	1. Check the Rejected Notes during Withdrawal for adjustment(Failure to Notes recognition)
550DJ00	Reject excess error (IR error) during Withdrawal for adjustment	1. Check the Rejected Notes during Withdrawal for adjustment(Failure to Notes recognition)
550DK00	Reject excess error (Edge error) during Withdrawal for adjustment	1. Check the Rejected Notes during Withdrawal for adjustment(Failure to Notes recognition)
550DL00	Reject excess error (Image error) during Withdrawal for adjustment	1. Check the Rejected Notes during Withdrawal for adjustment(Failure to Notes recognition)
550DM00	Reject excess error (UV error) during Withdrawal for adjustment	1. Check the Rejected Notes during Withdrawal for adjustment(Failure to Notes recognition)
550DN00	Reject excess error (Sensor error) during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)
550DO00	Deposit count disallowed notes reject excess error during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)
550DP00	Reject excess error (Communication error) during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)
550DQ00	Reject excess error (Full & etc) during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)
550DR00	Recognition Fail Error (Recognition test fail) during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)
550DS00	Recognition Fail Error (No Recognition info) during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)
550DT00	Recognition Fail Error (Only STX in Recognition info) during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)
550DU00	Recognition Fail Error (Recognition info BCC NG) during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)
550DV00	Recognition Fail Error (Recognition info MI NG) during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)
550DW00	Recognition Fail Error (Recognition info Index Fail) during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)
550DX00	Recognition Fail Error (Info BC Pass Info) during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)
550DY00	Recognition Fail Error (Serial Number Data Format error) during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)
550F100	GM001 motor doesn't operate at a constant speed when the motor works during Withdrawal for adjustment	1. Open the upper unit2. Check the Front Transport Path(2) gear rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Check GS804 Sensor Dark/Light Status and Initialize
550F200	GM002 motor doesn't operate at a constant speed when the motor works during Withdrawal for adjustment	1. Open the upper unit2. Check the TOP Transport(4) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize

Problem Code	Problem Description	Troubleshooting
550F400	GM004 motor doesn't operate at a constant speed when the motor works during Withdrawal for adjustment	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
550F600	GM006 motor doesn't operate at a constant speed when the motor works during Withdrawal for adjustment	1. Open the upper unit2. Check the customer service module (CSM 1-1, 1-2) gear and knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
550F700	GM007 motor doesn't operate at a constant speed when the motor works during Withdrawal for adjustment	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
550F900	GM009 motor doesn't operate at a constant speed when the motor works during Withdrawal for adjustment	1. Open the Transit Transport, related system point 2. Check the Transit Transport gear, knob rotates softly 3. Check GS019 Sensor Dark/Light Status and Initialize4. Check remained Notes and substance in the Transit Transport5. Initialize
550FA00	GM001 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Withdrawal for adjustment	1. Open the upper unit2. Check the Front Transport Path(2) gear rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Check GS804 Sensor Dark/Light Status and Initialize
550FB00	GM002 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Withdrawal for adjustment	1. Open the upper unit2. Check the TOP Transport(4) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
550FC00	GM004 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Withdrawal for adjustment	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
550FD00	GM006 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Withdrawal for adjustment	1. Open the upper unit2. Check the customer service module (CSM 1-1, 1-2) gear and knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
550FE00	GM007 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Withdrawal for adjustment	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check GS017 Sensor Dark/Light Status4. Check remained Notes and substance in the upper Transport Path5. Initialize
550FF00	GM009 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Withdrawal for adjustment	1. Open the Transit Transport, related system point 2. Check the Transit Transport gear, knob rotates softly 3. Check GS019 Sensor Dark/Light Status4. Check remained Notes and substance in the Transit Transport5. Initialize
550FY00	Fail to Start BM Low Speed Control during Withdrawal for adjustment (Motor Encoder Error)	1. Open the lower, upper unit2. Check remained Notes and substance in the upper, lower Transport Path3. Check motor encoder sensors4. Initialize
550G100	Failure to 3Way Gate 0 degree mode conversion during Withdrawal for adjustment	1. Open the upper unit2. Open the customer service module(1) and TOP Transport(4)3. Remove notes and substance in the Transport Path and 3way gate4. Check remained Notes and substance in the upper Transport Path5. Initialize
550G200	Failure to 3Way Gate 120 degree mode conversion during Withdrawal for adjustment	1. Open the upper unit2. Open the customer service module(1) and TOP Transport(4)3. Remove notes and substance in the Transport Path and 3way gate4. Check remained Notes and substance in the upper Transport Path5. Initialize

Problem Code	Problem Description	Troubleshooting
550GB00	Time Out to 3Way Gate Mode conversion during Withdrawal for adjustment	1. Open the upper unit2. Open the customer service module(1) and TOP Transport(4)3. Remove notes and substance in the Transport Path and 3way gate4. Check remained Notes and substance in the upper Transport Path5. Initialize
550GC00	Failure to RTRJ Gate RJC Mode conversion during Withdrawal for adjustment	1. Open the lower unit2. Open MID Transport(7)3. Check remained Notes and substance in the RT/RJC4. Check remained Notes in RT/RJC gate
550GD00	Failure to RTRJ Gate RTC Mode conversion during Withdrawal for adjustment	1. Open the lower unit2. Open MID Transport(7)3. Check remained Notes and substance in the RT/RJC4. Check remained Notes in RT/RJC gate
550J200	Box full detection error during Withdrawal for adjustment	1. Open the lower unit2. Open MID Transport(7)3. Check CST inside whether Full or not
550J300	RC assigned by OC(Operation Cassette) Separation End during Withdrawal for adjustment	1. Normal Status
550K100	Duplication S/N Error during Withdrawal for adjustment	1. Check the duplicate note and remove the note.2. Operate to initialize BRM(Recovery)
550N400	Jam Message Receive Error during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
550NA00	Checksum error when notes separate from TSK during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)
550NC00	length different from separation part to stack part after transport during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
550NK00	BC recognized notes have no cassette to be stacked during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
550Q100	UTC detachment Error during Withdrawal for adjustment	1. Open the upper unit2. Check GS010 Sensor Dark/Light Status3. Check UTC(6) installation condition
550Q200	TSK detachment Error during Withdrawal for adjustment	1. Open the upper unit2. Check GS015 Sensor Dark/Light Status3. Check TSK(5) installation condition
550Q300	BMU Inter Lock Error during Withdrawal for adjustment	1. Check Load/Removal of the upper unit2. Replace a cherry switch when error occurs
550Q400	BMU detackment Error during Withdrawal for adjustment	1. Check Load/Removal of the upper unit
550Q500	Replenishment CST detachment Error during Withdrawal for adjustment	1. Check the safe door open
550Q600	CSM detackment Error during Withdrawal for adjustment	1. Open the upper unit2. Check to open/close CSM3. Check the sensors GS011
550Q800	BMD Inter Lock Error during Withdrawal for adjustment	1. Check the lower Unit load/removal2. Replace a cherry switch when error occurs
550Q900	BMD detachment Error during Withdrawal for adjustment	1. Check the lower Unit load/removal

Problem Code	Problem Description	Troubleshooting
550QA00	BC Open Error during Withdrawal for adjustment	1. Open the upper unit2. Open the customer service module (CSM)3. Check the lock lever in the BC4. Check GS003 Sensor Dark/Light Status
550QS00	Receive Error Stop CMD during Withdrawal for adjustment	1. Initialize
550R100	BM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
550R200	BM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
550R300	BM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
550SZ00	Receive undefined command during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5510100	RC1 GS101 Light Jam during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5510200	RC1 GS102 Light Jam during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5510500	RC1 GS105 Light Jam during Withdrawal for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(A)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5510Z00	RC1 All Light Jam during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
5511100	RC1 GS101 Dark Jam during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5511200	RC1 GS102 Dark Jam during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5511500	RC1 GS105 Dark Jam during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5511Z00	All RC1 Sensor Dark Jam during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5512100	Error occurred by notes remained in RC1 GS101 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5512200	Error occurred by notes remained in RC1 GS102 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5512500	Error occurred by notes remained in RC1 GS105 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5512Z00	Error occurred by notes remained in All RC1 Sensor during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
5513100	RC1 GS101 Sensor auto calibration error during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5513200	RC1 GS102 Sensor auto calibration error during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5513500	RC1 GS105 Sensor auto calibration error during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5513Z00	All RC1 Sensor auto calibration error during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
5514100	RC1 GS101 Extern lights check error during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5514200	RC1 GS102 Extern lights check error during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5514500	RC1 GS105 Extern lights check error during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5514Z00	All RC1 Sensor Extern lights check error during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5515100	RC1 GS101 Path error on transport path during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5515200	RC1 GS102 Path error on transport path during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5515500	RC1 GS105 Path error on transport path during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5515Z00	All RC1 Sensor Path error on transport path during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
5516100	RC1 GS101 Path error on sensor except for transport path during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5516200	RC1 GS102 Path error on sensor except for transport path during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5516500	RC1 GS105 Path error on sensor except for transport path during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5516Z00	RC1 All Path error on sensor except for transport path during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
5517100	Error occurred by the notes disorder in RC1 GS101 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5517200	Error occurred by the notes disorder in RC1 GS102 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5517500	Error occurred by the notes disorder in RC1 GS105 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5517Z00	Error occurred by the notes disorder in RC1 All during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
551C100	RC Miss-Pickup during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check the upper and the notes.
551C200	Exceeded number of retries for RC1 separation error during Withdrawal for adjustment.	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check the upper and the notes.
551C400	RC1 Last Note No Front detect during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check the upper and the notes.
551G100	RC1 Failure of returning notes (GS101,GS102 Sensors detect no notes) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
551G200	RC1 Failure to move PP to stack position during Withdrawal for adjustment	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(A) . 4. Open the recycle cassette door(A).5. Check cassette status to move stage up and down.
551G400	RC1 Failure to upword moving of PP during RC1 stack roller retreat movement during Withdrawal for adjustment	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(A) . 4. Open the recycle cassette door(A).5. Check cassette status to move stage up and down.
551G500	RC1 Failure to stack roller retreat (GS113 Sensor no change) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
551G600	RC1 Stack Roller retreat position disorder during RC Separation during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
551G700	RC1 Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS107) no change) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
551G800	RC1 Failure to move PP to press position (GS108 Sensor Dark Fail) during Withdrawal for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(A).4. Check the stage status after open the recycle cassette(A).5. Check the upper side of the recycle cassette
551GA00	RC1 Solenoid Echo error during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A) and reload4. Replace the cassette when same error occurs
551GB00	RC1 Feed Roller homeposition Sensor(GS107) Light detect fail during RC Stack during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
551GC00	RC1 Feed Roller homeposition Sensor(GS107) Dark detect fail during RC Stack during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
551GD00	RC1 GS101,GS102 Detect notes during move RC Feed Roller to homeposition during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
551GE00	RC1 GS108 detect dark before move RC Feed Roller to homeposition during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note.
551GF00	RC1 Notes Setting error during initialize (GS114, Bottom Sensor(GS112) both dark) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note.
551GG00	RC1 Stack Roller Sensor(GS113) detect light during RC FM Stack during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
551GH00	RC1 Stack Roller Sensor(GS113) detect dark during RC FM Stack during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
551GJ00	RC1 Stack Roller retreat fail (Motor Overrun) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
551GK00	RC1 Stack Roller retreat fail (Motor speed error) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
551GL00	RC1 Feed Roller homeposition fail (Motor speed error) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
551GQ00	RJC Press and Stack position fail during Withdrawal for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
551GR00	RJC Stack position fail during Withdrawal for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
551GS00	RC1 RJC Press position fail during Withdrawal for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette

Problem Code	Problem Description	Troubleshooting
551GT00	RC1 GS151 fail to detect dark when PP moves down during RJC PP Stack during Withdrawal for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
551GU00	RC1 GS151 fail to detect light when PP moves down during RJC PP Stack during Withdrawal for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
551GV00	RC1 GS152 fail to detect dark when PP moves down during RJC PP Stack during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
551GW00	RC1 GS151 fail to detect light when PP moves down during RJC initialize during Withdrawal for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
551GX00	RC1 GS101 detects notes during RJC intialize during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
551J100	RJC Full during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
551J200	RC1 No Residue during Withdrawal for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(A).4. Check the notes remain after open the recycle cassette door(A)5. Fill up the Notes if there are no notes
551J300	Full,Bottom no detect before move RC1 PP to stack position during Withdrawal for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(A).4. Check the stage status after open the recycle cassette(A).5. Check contamination of GS111/GS112 sensor.
551K100	RC1 separation request notes is 0 during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
551NL00	RC1 Requested notes is more than Residue notes,separation stop during Withdrawal for adjustment	1. Check RC1 actual count and SPL screen count.2. Setting RC1 count match actual count.3. Operate to initialize BRM(Recovery)
551R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
551R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
551R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
551R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
551RF00	RC1 Feed Motor response timeout during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
551RP00	RC1 PP response timeout during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
551S200	RC1 Receive undefined command during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
551S300	RC1 Task not for separation receive separation command during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
551SA00	RC1 Sub Task receive undefined command during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
551SR00	RC1 Sub Task for Wait Setting Error during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
551SZ00	No enable RC to separate during Withdrawal, Collect Cash, Withdrawal for adjustment (The number of requested notes is 1 or RC out of work)	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5520100	RC2 GS201 Light Jam during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5520200	RC2 GS202 Light Jam during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5520500	RC2 GS205 Light Jam during Withdrawal for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(B)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5520Z00	RC2 All Light Jam during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
5521100	RC2 GS201 Dark Jam during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5521200	RC2 GS202 Dark Jam during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5521500	RC2 GS205 Dark Jam during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5521Z00	RC2 All Dark Jam during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
5522100	Error occurred by notes remained in RC2 GS201 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5522200	Error occurred by notes remained in RC2 GS202 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5522500	Error occurred by notes remained in RC2 GS205 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5522Z00	Error occurred by notes remained in RC2 All Sensor during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
5523100	Sensor auto calibration error in RC2 GS201 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5523200	Sensor auto calibration error in RC2 GS202 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5523500	Sensor auto calibration error in RC2 GS205 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5523Z00	Sensor auto calibration error in RC2 All Sensor during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
5524100	Extern lights check error in RC2 GS201 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5524200	Extern lights check error in RC2 GS202 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5524500	Extern lights check error in RC2 GS205 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5524Z00	Extern lights check error in RC2 All Sensor during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5525100	Path error on transport path in RC2 GS201 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5525200	Path error on transport path in RC2 GS202 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5525500	Path error on transport path in RC2 GS205 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5525Z00	Path error on transport path in RC2 All Sensor during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
5526100	Path error on sensor except for transport path in RC2 GS201 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5526200	Path error on sensor except for transport path in RC2 GS202 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5526500	Path error on sensor except for transport path in RC2 GS205 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5526Z00	Path error on sensor except for transport path in RC2 All during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
5527100	Error occurred by the notes disorder in RC2 GS201 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5527200	Error occurred by the notes disorder in RC2 GS202 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5527500	Error occurred by the notes disorder in RC2 GS205 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5527Z00	Error occurred by the notes disorder in RC2 All during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
552C100	RC2 Miss-Pickup during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check the upper and the notes.
552C200	Exceeded number of retries for RC2 separation error during Withdrawal for adjustment.	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check the upper and the notes.
552C400	RC2 Last Note No Front detect during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check the upper and the notes.
552G100	RC2 Failure of returning notes (GS201,GS202 Sensors detect no notes) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
552G200	RC2 Failure to move PP to stack position during Withdrawal for adjustment	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(B) . 4. Open the recycle cassette door(B).5. Check cassette status to move stage up and down.
552G400	RC2 Failure to upword moving of PP during RC2 stack roller retreat movement during Withdrawal for adjustment	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(B) . 4. Open the recycle cassette door(B).5. Check cassette status to move stage up and down.
552G500	RC2 Failure to stack roller retreat (GS213 Sensor no change) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
552G600	RC2 Stack Roller retreat position disorder during RC Separation during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
552G700	RC2 Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS207) no change) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
552G800	RC2 Failure to move PP to press position (GS208 Sensor Dark Fail) during Withdrawal for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(B).4. Check the stage status after open the recycle cassette(B).5. Check the upper side of the recycle cassette
552GA00	RC2 Solenoid Echo error during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (B) after removing recycle cassette4. Replace the cassette when same error occurs
552GB00	RC2 Feed Roller homeposition Sensor(GS207) Light detect fail during RC Stack during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
552GC00	RC2 Feed Roller homeposition Sensor(GS207) Dark detect fail during RC Stack during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
552GD00	RC2 GS201,GS202 Detect notes during move RC Feed Roller to homeposition during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
552GE00	RC2 GS208 detect dark before move RC Feed Roller to homeposition during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note.
552GF00	RC2 Notes Setting error during initialize (GS214, Bottom Sensor(GS212) both dark) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note.
552GG00	RC2 Stack Roller Sensor(GS213) detect light during RC FM Stack during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
552GH00	RC2 Stack Roller Sensor(GS213) detect dark during RC FM Stack during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
552GJ00	RC2 Stack Roller retreat fail (Motor Overrun) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
552GK00	RC2 Stack Roller retreat fail (Motor speed error) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
552GL00	RC2 Feed Roller homeposition fail (Motor speed error) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
552J200	RC2 No Residue during Withdrawal for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(B).4. Check the notes remain after open the recycle cassette door(B).5. Fill up the Notes if there are no notes
552J300	RC2 Full,Bottom no detect before move RC PP to stack position during Withdrawal for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(B).4. Check the stage status after open the recycle cassette(B).5. Check contamination of GS211/GS212 sensor.
552K100	RC2 separation request notes is 0 during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
552NL00	RC2 Requested notes is more than Residue notes, separation stop during Withdrawal for adjustment	1. Check RC2 actual count and SPL screen count.2. Setting RC2 count match actual count.3. Operate to initialize BRM(Recovery)
552R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
552R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
552R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
552R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
552RF00	RC2 Feed Motor response timeout during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
552RP00	RC2 PP response timeout during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
552S200	RC2 Receive undefined command during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
552S300	RC2 Task not for separation receive separation command during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
552SA00	RC2 Sub Task receive undefined command during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
552SR00	RC2 Sub Task for Wait Setting Error during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
552SZ00	No enable RC to separate during Withdrawal, Collect Cash, Withdrawal for adjustment (The number of requested notes is 1 or RC out of work)	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5530100	RC3 GS301 Light Jam during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5530200	RC3 GS302 Light Jam during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5530500	RC3 GS305 Light Jam during Withdrawal for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(C).4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).

Problem Code	Problem Description	Troubleshooting
5530Z00	RC3 All Light Jam during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
5531100	RC3 GS301 Dark Jam during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5531200	RC3 GS302 Dark Jam during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5531500	RC3 GS305 Dark Jam during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5531Z00	RC3 All Dark Jam during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
5532100	Error occurred by notes remained in RC3 GS301 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5532200	Error occurred by notes remained in RC3 GS302 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5532500	Error occurred by notes remained in RC3 GS305 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5532Z00	Error occurred by notes remained in RC3 All during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
5533100	Sensor auto calibration error in RC3 GS301 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5533200	Sensor auto calibration error in RC3 GS302 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5533500	Sensor auto calibration error in RC3 GS305 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5533Z00	Sensor auto calibration error in RC3 All during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5534100	Extern lights check error in RC3 GS301 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5534200	Extern lights check error in RC3 GS302 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5534500	Extern lights check error in RC3 GS305 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5534Z00	Extern lights check error in RC3 All during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
5535100	Path error on transport path in RC3 GS301 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5535200	Path error on transport path in RC3 GS302 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5535500	Path error on transport path in RC3 GS305 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5535Z00	Path error on transport path in RC3 All during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
5536100	Path error on sensor except for transport path in RC3 GS301 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5536200	Path error on sensor except for transport path in RC3 GS302 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5536500	Path error on sensor except for transport path in RC3 GS305 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5536Z00	Path error on sensor except for transport path in RC3 All during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5537100	Error occurred by the notes disorder in RC3 GS301 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5537200	Error occurred by the notes disorder in RC3 GS302 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5537500	Error occurred by the notes disorder in RC3 GS305 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5537Z00	Error occurred by the notes disorder in RC3 All during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
553C100	RC3 Miss-Pickup during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check the upper and the notes.
553C200	Exceeded number of retries for RC3 separation error during Withdrawal for adjustment.	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check the upper and the notes.
553C400	RC3 Last Note No Front detect during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check the upper and the notes.
553G100	RC3 Failure of returning notes (GS301,GS302 Sensors detect no notes) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
553G200	RC3 Failure to move PP to stack position during Withdrawal for adjustment	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(C) . 4. Open the recycle cassette door(C).5. Check cassette status to move stage up and down.
553G400	RC3 Failure to upword moving of PP during RC3 stack roller retreat movement during Withdrawal for adjustment	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(C) . 4. Open the recycle cassette door(C).5. Check cassette status to move stage up and down.
553G500	RC3 Failure to stack roller retreat (GS313 Sensor no change) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
553G600	RC3 Stack Roller retreat position disorder during RC Separation during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
553G700	RC3 RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS307) no change) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
553G800	RC3 Failure to move PP to press position (GS308 Sensor Dark Fail) during Withdrawal for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(C).4. Check the stage status after open the recycle cassette(C).5. Check the upper side of the recycle cassette
553GA00	RC3 RC Solenoid Echo error during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (C) after removing recycle cassette4. Replace the cassette when same error occurs
553GB00	RC3 Feed Roller homeposition Sensor(GS307) Light detect fail during RC Stack during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
553GC00	RC3 Feed Roller homeposition Sensor(GS307) Dark detect fail during RC Stack during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
553GD00	RC3 GS301,GS302 Detect notes during move RC Feed Roller to homeposition during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
553GE00	RC3 GS308 detect dark before move RC Feed Roller to homeposition during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note.
553GF00	RC3 Notes Setting error during initialize (GS314, Bottom Sensor(GS312) both dark) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note.
553GG00	RC3 Stack Roller Sensor(GS313) detect light during RC FM Stack during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
553GH00	RC3 Stack Roller Sensor(GS313) detect dark during RC FM Stack during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
553GJ00	RC3 RC Stack Roller retreat fail (Motor Overrun) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
553GK00	RC3 RC Stack Roller retreat fail (Motor speed error) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
553GL00	RC3 RC Feed Roller homeposition fail (Motor speed error) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
553J200	RC3 No Residue during Withdrawal for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(C).4. Check the notes remain after open the recycle cassette door(C)5. Fill up the Notes if there are no notes
553J300	RC3 Full,Bottom no detect before move RC PP to stack position during Withdrawal for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(C).4. Check the stage status after open the recycle cassette(C).5. Check contamination of GS311/GS312 sensor.
553K100	RC3 separation request notes is 0 during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
553L100	Remaining notes stack process error in RC3 GS301 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
553L200	Remaining notes stack process error in RC3 GS302 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
553L500	Remaining notes stack process error in RC3 GS305 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
553NL00	RC3 Requested notes is more than Residue notes,separation stop during Withdrawal for adjustment	1. Check RC3 actual count and SPL screen count.2. Setting RC3 count match actual count.3. Operate to initialize BRM(Recovery)
553R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
553R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
553R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
553R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
553RF00	RC3 Feed Motor response timeout during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
553RP00	RC3 PP response timeout during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
553S200	RC3 Receive undefined command during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
553S300	RC3 RC Task not for separation receive separation command during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
553SA00	RC3 RC Sub Task receive undefined command during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
553SR00	RC3 Sub Task for Wait Setting Error during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
553SZ00	No enable RC to separate during Withdrawal, Collect Cash, Withdrawal for adjustment (The number of requested notes is 1 or RC out of work)	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5540100	RC4 GS401 Light Jam during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5540200	RC4 GS402 Light Jam during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5540500	RC4 GS405 Light Jam during Withdrawal for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(D)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5540Z00	RC4 All Sensor Light Jam during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
5541100	RC4 GS401 Dark Jam during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5541200	RC4 GS402 Dark Jam during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5541500	RC4 GS405 Dark Jam during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5541Z00	RC4 All Sensor Dark Jam during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5542100	Error occurred by notes remained in RC4 GS401 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5542200	Error occurred by notes remained in RC4 GS402 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5542500	Error occurred by notes remained in RC4 GS405 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5542Z00	Error occurred by notes remained in RC4 All during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
5543100	Sensor auto calibration error in RC4 GS401 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5543200	Sensor auto calibration error in RC4 GS402 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5543500	Sensor auto calibration error in RC4 GS405 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5543Z00	Sensor auto calibration error in RC4 All during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
5544100	Extern lights check error in RC4 GS401 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5544200	Extern lights check error in RC4 GS402 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5544500	Extern lights check error in RC4 GS405 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5544Z00	Extern lights check error in RC4 All during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5545100	Path error on transport path in RC4 GS401 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5545200	Path error on transport path in RC4 GS402 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5545500	Path error on transport path in RC4 GS405 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5545Z00	Path error on transport path in RC4 All during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
5546100	Path error on sensor except for transport path in RC4 GS401 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5546200	Path error on sensor except for transport path in RC4 GS402 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5546500	Path error on sensor except for transport path in RC4 GS405 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5546Z00	Path error on sensor except for transport path in RC4 All during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
5547100	Error occurred by the notes disorder in RC4 GS401 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5547200	Error occurred by the notes disorder in RC4 GS402 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5547500	Error occurred by the notes disorder in RC4 GS405 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5547Z00	Error occurred by the notes disorder in RC4 All during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
554C100	RC4 Miss-Pickup during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check the upper and the notes.
554C200	Exceeded number of retries for RC4 separation error during Withdrawal for adjustment.	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check the upper and the notes.
554C400	RC4 Last Note No Front detect during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check the upper and the notes.
554G100	RC4 Failure of returning notes (GS401,GS402 Sensors detect no notes) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
554G200	RC4 Failure to move PP to stack position during Withdrawal for adjustment	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(D). 4. Open the recycle cassette door(D).5. Check cassette status to move stage up and down.
554G400	RC4 Failure to upword moving of PP during RC4 stack roller retreat movement during Withdrawal for adjustment	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(D). 4. Open the recycle cassette door(D).5. Check cassette status to move stage up and down.
554G500	RC4 Failure to stack roller retreat (GS413 Sensor no change) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
554G600	RC4 Stack Roller retreat position disorder during RC Separation during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
554G700	RC4 RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS407) no change) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
554G800	RC4 Failure to move PP to press position (GS408 Sensor Dark Fail) during Withdrawal for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(D).4. Check the stage status after open the recycle cassette(D).5. Check the upper side of the recycle cassette
554GA00	RC4 RC Solenoid Echo error during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (D) after removing recycle cassette4. Replace the cassette when same error occurs
554GB00	RC4 Feed Roller homeposition Sensor(GS407) Light detect fail during RC Stack during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
554GC00	RC4 Feed Roller homeposition Sensor(GS407) Dark detect fail during RC Stack during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
554GD00	RC4 GS401,GS402 Detect notes during move RC Feed Roller to homeposition during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
554GE00	RC4 GS408 detect dark before move RC Feed Roller to homeposition during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note.
554GF00	RC4 Notes Setting error during initialize (GS414, Bottom Sensor(GS412) both dark) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note.
554GG00	RC4 Stack Roller Sensor(GS413) detect light during RC FM Stack during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
554GH00	RC4 Stack Roller Sensor(GS413) detect dark during RC FM Stack during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
554GJ00	RC4 RC Stack Roller retreat fail (Motor Overrun) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
554GK00	RC4 RC Stack Roller retreat fail (Motor speed error) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
554GL00	RC4 RC Feed Roller homeposition fail (Motor speed error) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
554J200	RC4 No Residue during Withdrawal for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(D).4. Check the notes remain after open the recycle cassette door(D).5. Fill up the Notes if there are no notes
554J300	RC4 Full,Bottom no detect before move RC PP to stack position	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(D).4. Check the stage status after open the recycle cassette(D).5. Check contamination of GS411/GS412 sensor.
554K100	RC4 separation request notes is 0 during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
554L100	Remaining notes stack process error in RC4 GS401 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
554L200	Remaining notes stack process error in RC4 GS402 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
554L500	Remaining notes stack process error in RC4 GS405 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
554NL00	RC4 Requested notes is more than Residue notes, separation stop during Withdrawal for adjustment	1. Check RC4 actual count and SPL screen count.2. Setting RC4 count match actual count.3. Operate to initialize BRM(Recovery)
554R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
554R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
554R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
554R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
554RF00	RC4 Feed Motor response timeout during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
554RP00	RC4 PP response timeout during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
554S200	RC4 Receive undefined command during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
554S300	RC4 RC Task not for separation receive separation command during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
554SA00	RC4 RC Sub Task receive undefined command during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
554SR00	RC4 Sub Task for Wait Setting Error during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
554SZ00	No enable RC to separate during Withdrawal, Collect Cash, Withdrawal for adjustment (The number of requested notes is 1 or RC out of work)	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5550100	RC5 GS501 Light Jam during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5550200	RC5 GS502 Light Jam during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5550500	RC5 GS505 Light Jam during Withdrawal for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(E)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5550Z00	RC5 All Light Jam during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
5551100	RC5 GS501 Dark Jam during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5551200	RC5 GS502 Dark Jam during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5551500	RC5 GS505 Dark Jam during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5551Z00	RC5 All Dark Jam during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
5552100	Error occurred by notes remained in RC5 GS501 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5552200	Error occurred by notes remained in RC5 GS502 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5552500	Error occurred by notes remained in RC5 GS505 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5552Z00	Error occurred by notes remained in RC5 All during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5553100	Sensor auto calibration error in RC5 GS501 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5553200	Sensor auto calibration error in RC5 GS502 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5553500	Sensor auto calibration error in RC5 GS505 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5553Z00	Sensor auto calibration error in RC5 All during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
5554100	Extern lights check error in RC5 GS501 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5554200	Extern lights check error in RC5 GS502 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5554500	Extern lights check error in RC5 GS505 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5554Z00	Extern lights check error in RC5 All during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
5555100	Path error on transport path in RC5 GS501 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5555200	Path error on transport path in RC5 GS502 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5555500	Path error on transport path in RC5 GS505 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5555Z00	Path error on transport path in RC5 All during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5556100	Path error on sensor except for transport path in RC5 GS501 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5556200	Path error on sensor except for transport path in RC5 GS502 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5556500	Path error on sensor except for transport path in RC5 GS505 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5556Z00	Path error on sensor except for transport path in RC5 All during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
5557100	Error occurred by the notes disorder in RC5 GS501 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5557200	Error occurred by the notes disorder in RC5 GS502 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5557500	Error occurred by the notes disorder in RC5 GS505 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5557Z00	Error occurred by the notes disorder in RC5 All during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
555C100	RC5 Miss-Pickup during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check the upper and the notes.
555C200	Exceeded number of retries for RC5 separation error during Withdrawal for adjustment.	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check the upper and the notes.
555C400	RC5 Last Note No Front detect during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check the upper and the notes.
555G100	RC5 Failure of returning notes (GS501,GS502 Sensors detect no notes) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
555G200	RC5 Failure to move PP to stack position during Withdrawal for adjustment	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(E). 4. Open the recycle cassette door(E).5. Check cassette status to move stage up and down.
555G400	RC5 Failure to upward moving of PP during RC5 stack roller retreat movement during Withdrawal for adjustment	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(E). 4. Open the recycle cassette door(E).5. Check cassette status to move stage up and down.
555G500	RC5 Failure to stack roller retreat (GS513 Sensor no change) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
555G600	RC5 Stack Roller retreat position disorder during RC Separation during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
555G700	RC5 Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS507) no change) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
555G800	RC5 Failure to move PP to press position (GS508 Sensor Dark Fail) during Withdrawal for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(E).4. Check the stage status after open the recycle cassette(E).5. Check the upper side of the recycle cassette
555GA00	RC5 Solenoid Echo error during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (E) after removing recycle cassette4. Replace the cassette when same error occurs
555GB00	RC5 Feed Roller homeposition Sensor(GS507) Light detect fail during RC Stack during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
555GC00	RC5 Feed Roller homeposition Sensor(GS507) Dark detect fail during RC Stack during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
555GD00	RC5 GS501,GS502 Detect notes during move RC Feed Roller to homeposition during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
555GE00	RC5 GS508 detect dark before move RC Feed Roller to homeposition during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note.
555GF00	RC5 Notes Setting error during initialize (GS514, Bottom Sensor(GS512) both dark) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note.

Problem Code	Problem Description	Troubleshooting
555GG00	RC5 Stack Roller Sensor(GS513) detect light during RC FM Stack during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
555GH00	RC5 Stack Roller Sensor(GS513) detect dark during RC FM Stack during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
555GJ00	RC5 Stack Roller retreat fail (Motor Overrun) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
555GK00	RC5 Stack Roller retreat fail (Motor speed error) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
555GL00	RC5 Feed Roller homeposition fail (Motor speed error) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
555J200	RC5 No Residue during Withdrawal for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(E).4. Check the notes remain after open the recycle cassette door(E)5. Fill up the Notes if there are no notes
555J300	RC5 Full,Bottom no detect before move RC PP to stack position during Withdrawal for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(E).4. Check the stage status after open the recycle cassette(E).5. Check contamination of GS511/GS512 sensor.
555K100	RC5 separation request notes is 0 during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
555L100	Remaining notes stack process error in RC5 GS501 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
555L200	Remaining notes stack process error in RC5 GS502 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
555L500	Remaining notes stack process error in RC5 GS505 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
555NL00	RC5 Requested notes is more than Residue notes,separation stop during Withdrawal for adjustment	1. Check RC5 actual count and SPL screen count.2. Setting RC5 count match actual count.3. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
555R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
555R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
555R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
555R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
555RF00	RC5 Feed Motor response timeout during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
555RP00	RC5 PP response timeout during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
555S200	RC5 Receive undefined command during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
555S300	RC5 Task not for separation receive separation command during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
555SA00	RC5 Sub Task receive undefined command during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
555SR00	RC5 Sub Task for Wait Setting Error during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
555SZ00	No enable RC to separate during Withdrawal, Collect Cash, Withdrawal for adjustment (The number of requested notes is 1 or RC out of work)	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5561H00	GS618/619 Dark Jam error during Withdrawal for adjustment.	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5562100	CSM Residue Error during Withdrawal for adjustment	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5562300	CSM insert notes excess Error during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Check inserting notes into the CSM are over 300 counts at one time3. If BRM does not recover open the outer/inner Shutter of CSM3.Remove notes and substance in the CSM(1)
5562500	CSM notes disappear Error during Withdrawal for adjustment	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5562600	CSM notes appear Error during Withdrawal for adjustment	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5562Z00	CSM Residue Error during during Withdrawal for adjustment	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
556G100	Fail to move CSM BP to Stack Position during Withdrawal for adjustment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
556G200	Fail to move CSM BP to Deposit Position during Withdrawal for adjustment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
556G300	Fail to move CSM BP to Separation Position during Withdrawal for adjustment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
556G500	Fail to move CSM BP to Note-Out Position during Withdrawal for adjustment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
556G600	Fail to move CSM P-Roller to Home position during Withdrawal for adjustment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
556G800	Fail to CSM return notes during Withdrawal for adjustment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
556G900	CSM GM601 Step out during Withdrawal for adjustment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
556GA00	Fail to move CSM BP to return note Position during Withdrawal for adjustment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
556GB00	Fail to move CSM FP to Deposit Position during Withdrawal for adjustment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Press and release FP check the FP rotate smoothly5. Check GS652 status(Dark & Light)
556GF00	Fail to move CSM G-Roller to Homeposition during Withdrawal for adjustment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
556GG00	Fail to move both CSM P/G-Roller to Homeposition during Withdrawal for adjustment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status

Problem Code	Problem Description	Troubleshooting
556M200	CSM Inner Shutter Open Error during Withdrawal for adjustment	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
556M300	CSM Inner Shutter Close Error during Withdrawal for adjustment	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
556M400	CSM Outer Shutter Open Error during Withdrawal for adjustment	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
556M500	CSM Outer Shutter Close Error during Withdrawal for adjustment	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
556M600	CSM Outer Shutter is Opened during Withdrawal for adjustment	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
556M700	CSM Inner Shutter Open during Stack during Withdrawal for adjustment	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
556M800	CSM Stopper Home position Fail during Withdrawal for adjustment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move PP Front5. Move Bill Stopper forward/backward and check GS668 sensor status6. Initialize
556M900	CSM Stopper Stack position Fail during Withdrawal for adjustment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move PP Front5. Move Bill Stopper forward/backward and check GS668 sensor status6. Initialize
556MB00	CSM Bill Supporter Up position Fail during Withdrawal for adjustment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Check the failure and breakage of Bill Lifter/Support5. Initialize
556MC00	CSM Bill Supporter Down position Fail during Withdrawal for adjustment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Check the failure and breakage of Bill Lifter/Support5. Initialize
556P100	CSM PP Withdrawal(Stack) position Fail during Withdrawal for adjustment	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize

Problem Code	Problem Description	Troubleshooting
556P200	CSM PP Deposit position Fail during Withdrawal for adjustment	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
556P300	CSM PP Separation position Fail during Withdrawal for adjustment	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
556P400	CSM PP collect lost notes position Fail during Withdrawal for adjustment	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
556P500	CSM PP Note-out position Fail during Withdrawal for adjustment	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
556P600	CSM PP Note-arrange position Fail during Withdrawal for adjustment	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
556P800	CSM PP Control Stack Fail during Withdrawal for adjustment	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
556P900	CSM PP Return note position Fail during Withdrawal for adjustment	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
556PD00	CSM PP Check semi-note Fail during Withdrawal for adjustment	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
556PE00	CSM PP Bill SuCSM PPorter Up position Fail during Withdrawal for adjustment	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize

Problem Code	Problem Description	Troubleshooting
556R100	CSM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
556R200	CSM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
556R300	CSM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
556R600	CSM response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
556RB00	CSM BP response timeout during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
556RF00	CSM Feed Motor response timeout during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
556RL00	CSM Lift response timeout during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
556RP00	CSM PP response timeout during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
556RR00	CSM Bill supporter response timeout during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
556RS00	CSM Inner Shutter response timeout during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
556RT00	CSM Stopper response timeout during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
556SA00	CSM Receive undefined command during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
556SR00	CSM Sub Task for Wait Setting Error during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5570100	TSK GS701 Light Jam during Withdrawal for adjustment	1. Open the upper unit2. Open the TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) Transport PATH(4)
5570200	TSK GS702 Light Jam during Withdrawal for adjustment	1. Open the upper unit2. Open the TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) Transport PATH(4)
5570300	TSK GS703,4 Light Jam during Withdrawal for adjustment	1. Open the upper unit2. Open the TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) Transport PATH(4)

Problem Code	Problem Description	Troubleshooting
5570Z00	TSK All Light Jam during Withdrawal for adjustment	1. Open the upper unit2. Open the TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) Transport PATH(4)
5571100	TSK GS701 Dark Jam during Withdrawal for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5571200	TSK GS702 Dark Jam during Withdrawal for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5571300	TSK GS703,4 Dark Jam during Withdrawal for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5571Z00	TSK All Dark Jam during Withdrawal for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5572100	Error occurred by notes remained in TSK GS701 during Withdrawal for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5572200	Error occurred by notes remained in TSK GS702 during Withdrawal for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5572300	Error occurred by notes remained in TSK GS703,4 during Withdrawal for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5572Z00	Error occurred by notes remained in TSK All Sensor during Withdrawal for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5575100	GS701 Path error on transport path during Withdrawal for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5575200	GS702 Path error on transport path during Withdrawal for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5577100	Error occurred by the notes disorder in GS701 during Withdrawal for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5577200	Error occurred by the notes disorder in GS702 during Withdrawal for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)

Problem Code	Problem Description	Troubleshooting
5577300	Error occurred by the notes disorder in TSK GS703,4 during Withdrawal for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5577Z00	Error occurred by the notes disorder in TSK All during Withdrawal for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
557C200	TSK Last note unclear during separation during Withdrawal for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) 4. Close the upper unit5. Initialize
557CA00	TSK Incounted note is not Outcounted for 500ms during Withdrawal for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
557F200	TSK GM701 stepout during stack during Withdrawal for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5) 6. Rotate the knob of TSK(5) to find obstruction out
557F300	TSK GM701 F-Roller Homeposition fail during Withdrawal for adjustment	1. Open the upper unit2. Open the TM(Test Module)3. Rotate the knob of TSK to check sensor(GS752) change 4. Rotate the knob of TSK(5) to find obstruction out
557G100	GM701 Return notes fail during Withdrawal for adjustment	1. Open the upper unit2. Confirm to Rotate a knob of TSK(5) softly
557J100	TSK Full during Withdrawal for adjustment	1. Open the upper unit2. Open the TSK(5)3. Check the notes remain in the TSK(5)4. Remove notes remain in the TSK
557L100	Remaining notes stack process error in TSK GS701 during Withdrawal for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
557L200	Remaining notes stack process error in TSK GS702 during Withdrawal for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
557L300	Remaining notes stack process error in TSK GS703,4 during Withdrawal for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
557LZ00	Remaining notes stack process error in TSK All during Withdrawal for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
557M100	TSK Stopper Home position for intialze fail during Withdrawal for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if stopper was obstructed
557M200	TSK Stopper Stack position for intialze fail during Withdrawal for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if stopper was obstructed
557M300	TSK Stopper Return note position for intialze fail during Withdrawal for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if stopper was obstructed

Problem Code	Problem Description	Troubleshooting
557M400	TSK Stopper Lock FP Fail during Withdrawal for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if FP(Front Plate) was obstructed
557M500	TSK Stopper Unlock FP Fail during Withdrawal for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if FP(Front Plate) was obstructed
557P100	FP Sensor detect Dark Fail during Withdrawal for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if PP(Push Plate) was obstructed to rotate PP knob4. Check if FP(Front Plate) was obstructed to rotate
557P200	FP Sensor detect Light Fail during Withdrawal for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if PP(Push Plate) was obstructed to rotate PP knob4. Check if FP(Front Plate) was obstructed to rotate
557P300	PP Press position fail during Withdrawal for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if PP(Push Plate) was obstructed to rotate PP knob
557Q700	TSK Door Open during operation in Withdrawal for adjustment	1. Close the door of TSK(5)
557Q800	TSK Door Lock fail during operation in Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Retry the operation.
557R100	TSK response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
557R200	TSK response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
557R300	TSK response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
557R600	TSK response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
557RF00	TSK Feed Motor response timeout in Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
557RP00	TSK PP response timeout in Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
557RT00	TSK Stopper response timeout in Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
557S200	TSK Receive undefined command in Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
557SR00	TSK Sub Task for Wait Setting Error in Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
558HA01	GS801A Sensor Error during Withdrawal for adjustment	1. Check GS801A2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
558HA02	GS801B Sensor Error during Withdrawal for adjustment	1. Check GS801B2. Operate to initialize BRM(Recovery)
558HA03	GS801A, GS801B Sensor Error during Withdrawal for adjustment	1. Check GS801A, GS801B2. Operate to initialize BRM(Recovery)
558HA04	GS802A Sensor Error during Withdrawal for adjustment	1. Check GS802A2. Operate to initialize BRM(Recovery)
558HA05	GS801A, GS802A Sensor Error during Withdrawal for adjustment	1. Check GS801A, GS802A2. Operate to initialize BRM(Recovery)
558HA06	GS801B, GS802A Sensor Error during Withdrawal for adjustment	1. Check GS801B, GS802A2. Operate to initialize BRM(Recovery)
558HA07	GS801A, GS801B, GS802A Sensor Error during Withdrawal for adjustment	1. Check GS801A, GS801B, GS802A2. Operate to initialize BRM(Recovery)
558HA08	GS802B Sensor Error during Withdrawal for adjustment	1. Check GS802B2. Operate to initialize BRM(Recovery)
558HA09	GS801A, GS802B Sensor Error during Withdrawal for adjustment	1. Check GS801A, GS802B2. Operate to initialize BRM(Recovery)
558HA10	GS801B, GS802B Sensor Error during Withdrawal for adjustment	1. Check GS801B, GS802B2. Operate to initialize BRM(Recovery)
558HA11	GS801A, GS801B, GS802B Sensor Error during Withdrawal for adjustment	1. Check GS801A, GS801B, GS802B2. Operate to initialize BRM(Recovery)
558HA12	GS802A, GS802B Sensor Error during Withdrawal for adjustment	1. Check GS802A, GS802B2. Operate to initialize BRM(Recovery)
558HA13	GS801A, GS802A, GS802B Sensor Error during Withdrawal for adjustment	1. Check GS801A, GS802A, GS802B2. Operate to initialize BRM(Recovery)
558HA14	GS801B, GS802A, GS802B Sensor Error during Withdrawal for adjustment	1. Check GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
558HA15	GS801A, GS801B, GS802A, GS802B Sensor Error during Withdrawal for adjustment	1. Check GS801A, GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
558HB01	MR Sensor Level Error during Withdrawal for adjustment	1. Check MR Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
558HC02	UV_01 Sensor Level Error during Withdrawal for adjustment	1. Check UV Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
558HF03	CIS Shading data loading Fail during Withdrawal for adjustment	1. Operate shading in the BC CIS2. Operate to initialize BRM(Recovery)
558HF04	Detection DB Table loading Fail during Withdrawal for adjustment	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
558HF05	BC FPGA Data checksum Fail during Withdrawal for adjustment	1. Check to BC FPGA File2. Operate to initialize BRM(Recovery)
558HF06	BC FPGA Configuration Fail during Withdrawal for adjustment	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
558HF07	BC FPGA Header Information Loading Fail during Withdrawal for adjustment	1. Re-download BC FPGA2. Change the BC B/D if continuous error.

Problem Code	Problem Description	Troubleshooting
558HF08	BC FPGA Initialize Fail during Withdrawal for adjustment	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
558HF09	BC FPGA VERSION Fail during Withdrawal for adjustment	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
558HF11	Detection DB #01 loading Fail during Withdrawal for adjustment	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
558HF12	Detection DB #02 loading Fail during Withdrawal for adjustment	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
558HF13	Detection DB #03 loading Fail during Withdrawal for adjustment	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
558HF14	Detection DB #04 loading Fail during Withdrawal for adjustment	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
558HF15	Detection DB #05 loading Fail during Withdrawal for adjustment	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
558HF16	Detection DB #06 loading Fail during Withdrawal for adjustment	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
558HF17	Detection DB #07 loading Fail during Withdrawal for adjustment	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
558HF18	Detection DB #08 loading Fail during Withdrawal for adjustment	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
558HF19	Detection DB #09 loading Fail during Withdrawal for adjustment	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
558HF20	Detection DB #10 loading Fail during Withdrawal for adjustment	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
558HG01	Mode Set Error When Receive BC MODE Command (Mode Value is not 1 or 2 ) during Withdrawal for adjustment	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
558HG02	Detection Level Set Error When Receive BC MODE Command (Detection Level Value is 0 ) during Withdrawal for adjustment	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
558HG03	BC Transaction Ready Fail When Receive BC READY Command during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
558HG04	Mode Set Error When Receive BC READY Command (Mode Value is not 1 or 2 ) during Withdrawal for adjustment	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
558HG05	Detection Level Set Error When Receive BC READY Command (Detection Level Value is 0 ) during Withdrawal for adjustment	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
558HG06	BC Entry Direction Set Error When Receive BC READY Command (Not Deposit/Withdrawal/Stack Direction ) during Withdrawal for adjustment	1. Check BC putting direction.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
558HG07	Receive BC Unknown Command during Withdrawal for adjustment	1. Check BC reception full command.1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
558HG08	The Number of Nations Set Error When Receive BC DATA WRITE Command (Over 0, 10) during Withdrawal for adjustment	1. Check the number of supported country.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
558HG09	Nation Code Set Error When Receive BC DATA WRITE Command during Withdrawal for adjustment	1. Check the supported country code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
558HG10	Detection DB of the Nation is not exist When Receive BC DATA WRITE Command during Withdrawal for adjustment	1. Check the BC recognition DB of country.2. Download DB again after deleting all recognition DB3. Operate to initialize BRM(Recovery)4. Reboot the system when same error occurred after initialization.
558HG11	No Nation Code When Receive BC READY Command during Withdrawal for adjustment	1. Check the country setting value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
558HG12	BC Version Value Set Error When Receive BC DATA WRITE Command (Not BC FPGA) during Withdrawal for adjustment	1. Check the BC specifications devision and BC FPGA specifications.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initializatio
558HG20	Fail to Initialize CIS When Receive BC READY Command during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Check CIS part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
558HG21	Fail to ENCODER POWER ON When Receive BC READY Command during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
558HG22	Fail to adjust DD Sensor DAC When Receive BC READY Command during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Check whether the sensor is contaminated or not if same error occurs after Initialize3. Reboot the system when same error occurs even though there is no substance.
558HG23	DD Sensor DAC Set Error When Receive BC READY Command during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Check DD sensor part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
558HG24	ENCODER Mode Set Error When Receive BC READY Command during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance
558HG30	Counterfeit Note List CRC Error When Receive BC SERIAL NO Command during Withdrawal for adjustment	1. Check the forged notes list CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
558HG31	Not Receive The Number of Counterfeit Note Lists and CRC When Receive BC SERIAL NO Command during Withdrawal for adjustment	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
558HG32	Over The Number of Counterfeit Note Lists When Receive BC SERIAL NO Command (Over 200) during Withdrawal for adjustment	1. Check the whole number of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
558HG33	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Nation Code 0) during Withdrawal for adjustment	1. Check the country code of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
558HG34	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Length Over 2~29) during Withdrawal for adjustment	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
558HG36	Note Number Detection Mode Set Error When Receive BC MODE Command (Mode Value is Not 0, 1, 2) during Withdrawal for adjustment	1. Check to the recognized mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
558HG37	Transaction Classification Set Error When Receive BC MODE Command (Classification Value is Not 0, 1, 2) during Withdrawal for adjustment	1. Check to the transaction setting.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
558HG38	Counterfeit Note List Search Classification Set Error When Receive BC SERIAL NO Command 위조지폐 목록 검색 구분 설정 오류 (Classification Value is Not 1, 2, 3 ) during Withdrawal for adjustment	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
558HG39	Counterfeit Note List Note Number Set Error When Receive BC SERIAL NO Command (Use '*' When Search Note Number Part) during Withdrawal for adjustment	1. Check the forged notes list's note numbers.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
558HG3A	BC MODE SET Bill Management Level Set Error (Over 1~5) during Withdrawal for adjustment	1. Check check management mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
558HG3B	Over The Number of BC MODE SET Back Codes (Over 15) during Withdrawal for adjustment	1. Check the number of check issued by our bank code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
558HG40	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use End Number at First When Search Note Number Part) during Withdrawal for adjustment	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
558HG41	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use Start Number at Last When Search Note Number Part) during Withdrawal for adjustment	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
558HG42	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Wrong Start/End Number Order When Search Note Number Part) during Withdrawal for adjustment	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
558HG43	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Use Wrong Length Value When Search Note Number Part) during Withdrawal for adjustment	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
558HG44	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Use Wrong Nation Code When Search Note Number Part) during Withdrawal for adjustment	1. Check the forged notes list's country-code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
558HG45	Not Receive The Number of Bill Number Tables and CRC When Receive Check No Write Command during Withdrawal for adjustment	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
558HG46	Bill Number Error When Receive Check No Write Command during Withdrawal for adjustment	1. Check the check number when registering check number.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
558HG47	Bill Number Table Length Set Error When Receive Check No Write Command (Length Over 0~50) during Withdrawal for adjustment	1. Check check number table's length.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
558HG48	Bill Number Table CRC Error When Receive Check No Write Command during Withdrawal for adjustment	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
558HG49	Over The Number of Bill Number Tables When Receive Check No Write Command (Over 5) during Withdrawal for adjustment	1. Check check total number of tables.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
558HH01	Fail to Delete NAND FLASH during Withdrawal for adjustment	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
558HH02	NAND FLASH Delete BLOCK Set Error When Download Detection DB during Withdrawal for adjustment	1. Download DB again after checking recognition DB's delete index.2. Operate to initialize BRM(Recovery)
558HH03	Fail to Download Detection DB during Withdrawal for adjustment	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
558HH04	NAND FLASH Download BLOCK Set Error When Download Detection DB during Withdrawal for adjustment	1. Download DB again after checking recognition DB's index.2. Operate to initialize BRM(Recovery)
558HH05	Detection DB Download File Check Error during Withdrawal for adjustment	1. Download DB again after checking recognition DB file.2. Operate to initialize BRM(Recovery)
558HH06	Detection DB Download File Size Error during Withdrawal for adjustment	1. Download DB again after checking recognition DB download file.2. Operate to initialize BRM(Recovery)
558HH07	DB Table Save Error After Download Detection DB during Withdrawal for adjustment	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
558HH08	Over Detection DB Download (Over 10) during Withdrawal for adjustment	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
558HH09	Detection DB Header Information Error during Withdrawal for adjustment	1. Download DB again after deleting recognition DB.2. Operate to initialize BRM(Recovery)
558HH10	EP Download Fail during Withdrawal for adjustment	1. Re-download BC EP.2. Change the BC B/D if continuous error.
558HH11	EP Download Check Error during Withdrawal for adjustment	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
558HH12	EP Download File Size Error during Withdrawal for adjustment	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
558HH13	EP Download File ID Error (Not EPAP/EPBT/EPFP) during Withdrawal for adjustment	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
558HH14	BC FPGA Download Fail during Withdrawal for adjustment	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
558HH15	Header Information Save Error After BC FPGA Download during Withdrawal for adjustment	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
558HH16	Not Provide BC FPGA Download during Withdrawal for adjustment	1. Check BC FPGA VERSION.2. Change the BC B/D if continuous error.
558HH17	EEPROM READ/WRITE Error during Withdrawal for adjustment	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.

Problem Code	Problem Description	Troubleshooting
558HH18	Receive Unit Serial Number Undefined Option during Withdrawal for adjustment	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
558HH19	Receive USB Undefined Command during Withdrawal for adjustment	1. Check USB Command from BC and retry the operation2. Check BC version and Update EP3. Change the BC B/D if continuous error.
558HH20	No BC Process Note When Receive Image Upload Command during Withdrawal for adjustment	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
558HH21	FC1 Set Error When Receive Image Upload Command during Withdrawal for adjustment	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
558HH22	BC is Processing Note When Receive Image Upload Command during Withdrawal for adjustment	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
558HH23	FC2 Set Error When Receive Image Upload Command during Withdrawal for adjustment	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
558HH24	Not Provide Total Image Upload Function during Withdrawal for adjustment	1. Check if SP or TM is out of date.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
558HH25	Not Provide Note Number Detection Image Upload Function during Withdrawal for adjustment	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
558HH26	FC2 Set Error When Receive Image Information Upload Command during Withdrawal for adjustment	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
558HH27	BRM Transaction Mode is Not Same with Image Upload Command Mode during Withdrawal for adjustment	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
558HH28	BRM Transaction Mode is Not Same with Replenishment/Collect Cash Image Upload Command Mode during Withdrawal for adjustment	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
558HH29	No BC Process Note When Receive Replenishment/Collect Cash Image Upload Command during Withdrawal for adjustment	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
558HH2A	FC1 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Withdrawal for adjustment	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
558HH2B	BC is Processing Note When Receive Replenishment/Collect Cash Image Upload Command during Withdrawal for adjustment	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
558HH2C	FC2 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Withdrawal for adjustment	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.

Problem Code	Problem Description	Troubleshooting
558HH2D	Not Provide Replenishment/Collect Cash Image Upload Function during Withdrawal for adjustment	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
558HH2E	Note Image Upload Index is Not Same When Receive Replenishment/Collect Cash Image Upload Command during Withdrawal for adjustment	1. Get BC log and image.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
558HI01	RecogTask Messeage Timeout Error during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
558HI02	ScanTask Messeage Timeout Error during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
558HI03	UartTask Messeage Timeout Error during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
558HI04	BcUsbTask Messeage Timeout Error during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
558HJ01	Algorithm Initialize Fail during Withdrawal for adjustment	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
558HJ02	Algorithm Ready Fail during Withdrawal for adjustment	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
558HJ03	Algorithm Information Set Error during Withdrawal for adjustment	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
558HK01	Table CRC Error When Set Poly-Note Withdrawal Information during Withdrawal for adjustment	1. Retry the operation
558HK02	CST Note Information Set Number Error When Set Poly-Note Withdrawal Information (n is 0 or over 256) during Withdrawal for adjustment	1. Check the number of CST Setting notes info
558HK03	Withdrawal Note Number Set Error When Set Poly-Note Withdrawal Information ( n is 0 or over 3000) during Withdrawal for adjustment	1. Check Withdrawal notes setting
558HK04	Note Information (Not CST Set Note) is Set in Withdrawal Note Information When Set Poly-Note Withdrawal Information during Withdrawal for adjustment	1. Check Withdrawal notes info
558HS01	FPGA Write Data Error When Initialize Scan Driver during Withdrawal for adjustment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
558HS02	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver during Withdrawal for adjustment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
558HS03	Fail to Set CIS Led On Value When Initialize Scan Driver during Withdrawal for adjustment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
558HS04	Fail to Set Source of Scan Light When Initialize Scan Driver during Withdrawal for adjustment	1. Retry the operation.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
558HS05	Not Process Shading When Initialize Scan Driver during Withdrawal for adjustment	1. Perform CiS Shading.2. Operate to initialize BRM(Recovery)
558HS08	Fail to Set DAC When Initialize Scan Driver during Withdrawal for adjustment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
558HS11	FPGA Write Data Error When BC Ready during Withdrawal for adjustment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
558HS12	Fail to Power On When BC Ready Sensor(MR/UV/DD/Encoder/Entry Sensor) during Withdrawal for adjustment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
558HS13	Fail to Set CIS Led On Value When BC Ready during Withdrawal for adjustment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
558HS14	Fail to Set Source of Scan Ligh When BC Ready during Withdrawal for adjustment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
558HS15	Not Process Shading When BC Ready during Withdrawal for adjustment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
558HS17	Fail to Set AFE Chip When BC Ready during Withdrawal for adjustment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
558HS18	Fail to Set DAC When BC Ready during Withdrawal for adjustment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
558HS19	MR/UV/DD Sampling Start Error When BC Ready during Withdrawal for adjustment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
558HS1A	Fail to Set 2-Notes DAC When BC Ready during Withdrawal for adjustment	1. Check whether double notes sensor is contaminant or not.2. Check whether double notes sensor is connected.3. Retry the operation.4. Change the BC if continuous error.
558HS1B	2-Notes to 1-Note Adjust Information Error When BC Ready during Withdrawal for adjustment	1. Perform calibration info about double notes or one note.2. Operate to initialize BRM(Recovery)
558HS22	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver When Stop BC during Withdrawal for adjustment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
558HS28	Fail to Set DAC When Stop BC during Withdrawal for adjustment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
558HS29	MR/UV/DD Sampling Stop Error When Stop BC during Withdrawal for adjustment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
558HS31	BC Ready Fail When Process CIS Shading – Use in Plant during Withdrawal for adjustment	1. Perform calibration info about double notes or one note and double notes DAC2. Retry the operation
558HS32	Dark Adjust Fail When Process CIS Shading – Use in Plant during Withdrawal for adjustment	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Change CIS and Cable5. Change BC
558HS33	Over Target Gap When Process CIS Shading Shading – Use in Plant during Withdrawal for adjustment	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
558HS34	Fail to Write Result Value Flash When Process CIS Shading – Use in Plant during Withdrawal for adjustment	1. Retry the operation2. Change BC

Problem Code	Problem Description	Troubleshooting
558HS35	BC Stop Fail When Process CIS Shading – Use in Plant during Withdrawal for adjustment	1. Retry the operation2. Change BC
558HS36	Over 10Pixel-Excess-Image When Process CIS Shading during Withdrawal for adjustment	1. Retry the operation2. Check CIS note quility and setting status3. Check CIS Connection Status4. Change BC
558HS37	Dark Shading Result Value is Standard Over When Process CIS Shading during Withdrawal for adjustment	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Retry the operation5. Change BC
558HS38	Max Ontime Ove When Process CIS Shadingr – Use in Plant during Withdrawal for adjustment	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
558HS39	Fail to Set Source of Shading Light When Process CIS Shading – Use in Plant during Withdrawal for adjustment	1. Retry the operation2. Change BC
558HS41	Fail to Adjust 2-Notes DAC (Less Than MIN) – Use in Plant during Withdrawal for adjustment	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the opeartion4. Change BC
558HS42	Fail to Adjust 2-Notes DAC (Over MAX) – Use in Plant during Withdrawal for adjustment	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the opeartion4. Change BC
558HS43	2-Notes Adjust Flash Write Fail – Use in Plant during Withdrawal for adjustment	1. Retry the operation2. Change BC
558R100	BC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
558R200	BC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
558R300	BC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
558R600	BC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
558S100	BCU response MI error during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
558S200	BCU response BCC error during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
558S300	BCU response Sub MI error during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
558S400	BCU response Parameter error during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
558S900	BCU response Timeout Error during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
55A2100	Error occurred by notes remained in GS801 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
55A2200	Error occurred by notes remained in GS002 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
55A2300	Error occurred by notes remained in GS003 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
55A2400	Error occurred by notes remained in GS004 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
55A2500	Error occurred by notes remained in GS005 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
55A2600	Error occurred by notes remained in GS006 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
55A2700	Error occurred by notes remained in GS014 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
55A2800	Error occurred by notes remained in GS018 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
55A2900	Error occurred by notes remained in GS020 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
55A2A00	Error occurred by notes remained in GS021 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
55A2C00	Error occurred by the notes remained in the BCU(CIS Sensor or DD Sensor) during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
55A2E00	Error occurred by notes remained in GS001 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
55A2H00	Error occurred by notes remained in GS618 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
55A2J00	Error occurred by notes remained in GS619 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
55A2K00	Error occurred by notes remained in GS701,702 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
55A2M00	Error occurred by notes remained in GSA01 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
55A2N00	Error occurred by notes remained in GSA02 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
55A2P00	Error occurred by notes remained in GSA03 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
55A2Q00	Error occurred by notes remained in GSD01 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
55A2W00	Error occurred by notes remained in GS802 during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
55AA100	UTC open Error before operation Withdrawal for adjustment	1. Open the upper unit. 2. Check the UTC removal and reinstallation

Problem Code	Problem Description	Troubleshooting
55AA200	TSK open Error before operation Withdrawal for adjustment	1. Open the upper unit. 2. Check the TSK open and close
55AA300	BMU Inter Lock Error before operation Withdrawal for adjustment	1. Check BMU open and close
55AA400	BMU open Error before operation Withdrawal for adjustment	1. Check BMU open and close
55AA500	Replenishment CST open Error before operation Withdrawal for adjustment	1. Check the Transit CST installation
55AA600	CSM open Error before operation Withdrawal for adjustment	1. Open the upper unit. 2. Check CSM Open/Close
55AA800	BMD Inter Lock Error before operation Withdrawal for adjustment	1. Open the lower unit. 2. Check the BMD open and close
55AA900	BMD open Error before operation Withdrawal for adjustment	1. Open the lower unit. 2. Check the BMD open and close
55AAA00	BC Open Error before operation Withdrawal for adjustment	1. Open the upper unit. 2. Check BC Open/Close
55AAB00	RC Full Error before operation Withdrawal for adjustment	1. Open the lower unit. 2. Check RC Full and remove notes
55AAC00	RJC Full Error before operation Withdrawal for adjustment	1. Open the upper unit. 2. Check RJC Full and remove notes
55AAD00	UTC Full Error before operation Withdrawal for adjustment	1. Open the upper unit. 2. Remove UTC and open the UTC Door3. Remove notes and reinstallation UTC
55AAE00	RTC Full Error before operation Withdrawal for adjustment	1. Open the lower unit. 2. Remove RT/RJC and open the Door3. Remove notes and reinstall RT/RJC
55AAF00	RC Empty Error before operation Withdrawal for adjustment	1. Open the lower unit. 2. Remove RC and open the RC Door, Check the Empty Status3. Reinstall the RC
55AAG00	Suspected note RC open Error before operation Withdrawal for adjustment	1. Open the lower unit. 2. Check the RC removal and reinstall
55AAJ00	Withdrawal for adjustment is not supported in the setting Test Mode	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
55AAQ00	Reject position is set to UTC in the UTC disabled mode during Withdrawal for adjustment.	1. Check the Status of Cassette setting2. Initialize
55AE100	Received operation command without Initial Info Set during Withdrawal for adjustment	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
55AE200	Status on not operation reception command during Withdrawal for adjustment	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
55AE300	Received operation command without System Info Read during Withdrawal for adjustment	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
55AE400	Transaction was executed without Initializing after power on during Withdrawal for adjustment	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization

Problem Code	Problem Description	Troubleshooting
55AEE00	RBU RS485 communication sequence disorder during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
55AEF00	RBU RS485 connection line disorder during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
55AEL00	RBU communication was not ready after power on during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
55AH600	Failure to check clearing NVRAM during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)
55AHF00	Transaction count exists but GS801A sensor no change during Withdrawal for adjustment	1. Check GS801A2. Operate to initialize BRM(Recovery)
55AHG00	Transaction count exists but GS801B sensor no change during Withdrawal for adjustment	1. Check GS801B2. Operate to initialize BRM(Recovery)
55AHH00	Transaction count exists but GS802A sensor no change during Withdrawal for adjustment	1. Check GS802A2. Operate to initialize BRM(Recovery)
55AHJ00	Transaction count exists but GS802B sensor no change during Withdrawal for adjustment	1. Check GS802B2. Operate to initialize BRM(Recovery)
55AJD00	Error of no available CST during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)
55ANA00	CSM stack count is different with BC Normal Pass count during Adjustment withdrawal	1. Operate to initialize BRM(Recovery)
55AR100	Message timeout error during operation ready during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55AR200	Message timeout error during transaction operation during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55AR300	Message timeout error during error postprocessing during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55AR800	RBU/BC sensor auto dimming response message timeout error during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55ARC00	BC response message timeout error during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55ARJ00	Message timeout error during Stop Ready during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55AS700	Comparative error when denomination/note count set during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55ASA00	Set note number to Transit CST in adjustment mode during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
55ASC00	Both RC and CST have Requested count during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55ASD00	Set Count in DPC or RJC during Adjustment withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55ASE00	USB Timeout occurs due to excessive RC Separation error Retry during Withdrawal for adjustment	1. Operate to initialize(recover) BRM.2. Reboot the system when the same error occurs after initialization.
55ASF00	OC(Operation Cassette) is set to Transit CST on a device that does not support the front Transit CST during Adjustment withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55ASG00	OC(Operation Cassette) Set Error during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55ASH00	Note number Set Error during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55ASM00	RC6 is not possible for Withdrawal for adjustment during Withdrawal for adjustmet	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55ASN00	Note Full in CSM during adjustment withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55ASP00	RC7 is not possible for Withdrawal for adjustment during Withdrawal for adjustmet	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55ASQ00	Set Count in several RC during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55ASR00	Max withdrawal count excess request error during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55ASS00	RC1 is not possible for Withdrawal for adjustment during Withdrawal for adjustmet	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55AST00	RC2 is not possible for Withdrawal for adjustment during Withdrawal for adjustmet	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55ASU00	RC3 is not possible for Withdrawal for adjustment during Withdrawal for adjustmet	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55ASV00	RC4 is not possible for Withdrawal for adjustment during Withdrawal for adjustmet	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55ASW00	RC5 is not possible for Withdrawal for adjustment during Withdrawal for adjustmet	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
55ASX00	Requested withdrawal count is more than the Residue in the Cassette during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55ASY00	Requested count is 0 during Withdrawal for adjustment.	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55ASZ00	No Separation RC during Adjustment withdrawal+Requested count 0 or RC breakdown) during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55BH100	RC1 EEPROM Read Error during Withdrawal for adjustment	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
55BH200	RC2 EEPROM Read Error during Withdrawal for adjustment	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
55BH300	RC3 EEPROM Read Error during Withdrawal for adjustment	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
55BH400	RC4 EEPROM Read Error during Withdrawal for adjustment	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
55BH500	RC5 EEPROM Read Error during Withdrawal for adjustment	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
55BH600	RC6 EEPROM Read Error during Withdrawal for adjustment	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
55BH700	RC1 EEPROM Write Error during Withdrawal for adjustment	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
55BH800	RC2 EEPROM Write Error during Withdrawal for adjustment	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
55BH900	RC3 EEPROM Write Error during Withdrawal for adjustment	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
55BHA00	RC4 EEPROM Write Error during Withdrawal for adjustment	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
55BHB00	RC5 EEPROM Write Error during Withdrawal for adjustment	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
55BHC00	RC6 EEPROM Write Error during Withdrawal for adjustment	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
55BHD00	RC1 EEPROM Verify Error during Withdrawal for adjustment	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization

Problem Code	Problem Description	Troubleshooting
55BHE00	RC2 EEPROM Verify Error during Withdrawal for adjustment	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
55BHF00	RC3 EEPROM Verify Error during Withdrawal for adjustment	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
55BHG00	RC4 EEPROM Verify Error during Withdrawal for adjustment	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
55BHH00	RC5 EEPROM Verify Error during Withdrawal for adjustment	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
55BHJ00	RC6 EEPROM Verify Error during Withdrawal for adjustment	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
55BHK00	BMD Open Error During EEPROM Read/Write during Withdrawal for adjustment	1. Check the lower Unit load/removal
55BHU00	BMD EEPROM Read Error during Withdrawal for adjustment	1. Replace RBU B/D
55BHV00	BMD EEPROM Write Error during Withdrawal for adjustment	1. Replace RBU B/D
55BHW00	BMD EEPROM Verify Error during Withdrawal for adjustment	1. Replace RBU B/D
55BHX00	RC7 EEPROM Read Error during Withdrawal for adjustment	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
55BHY00	RC7 EEPROM Write Error during Withdrawal for adjustment	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
55BHZ00	RC7 EEPROM Verify Error during Withdrawal for adjustment	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
55BR000	RBU Response Timeout during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55BR700	RBU Response Message Timeout during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55BS100	RBU RS-232 Seq Num Echo Error during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55BS200	RBU RS-232 MI Echo Error during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55BSS00	RBU Auto Calibration Command Parameter Error during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55C0100	RC6 GSC01 Light Jam during Withdrawal for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
55C0200	RC6 GSC02 Light Jam during Withdrawal for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55C0500	RC6 GSC05 Light Jam during Withdrawal for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the jam on the recycle cassette(8).4. Rotate the knob of the mid transport path.5. Remove the jam on the mid transport path(7).
55C0Z00	RC6 All Light Jam during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
55C1100	RC6 GSC01 Dark Jam during Withdrawal for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55C1200	RC6 GSC02 Dark Jam during Withdrawal for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55C1500	RC6 GSC05 Dark Jam during Withdrawal for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55C1Z00	RC6 All Dark Jam during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
55C2100	Error occurred by notes remained in RC6 GSC01 during Withdrawal for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55C2200	Error occurred by notes remained in RC6 GSC02 during Withdrawal for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55C2500	Error occurred by notes remained in RC6 GSC05 during Withdrawal for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55C2Z00	Error occurred by notes remained in RC6 All during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
55C3100	Sensor auto calibration error in RC6 GSC01 during Withdrawal for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
55C3200	Sensor auto calibration error in RC6 GSC02 during Withdrawal for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55C3500	Sensor auto calibration error in RC6 GSC05 during Withdrawal for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55C3Z00	Sensor auto calibration error in RC6 All during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
55C4100	Extern lights check error in RC6 GSC01 during Withdrawal for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55C4200	Extern lights check error in RC6 GSC02 during Withdrawal for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55C4500	Extern lights check error in RC6 GSC05 during Withdrawal for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55C4Z00	Extern lights check error in RC6 All during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
55C5100	Path error on transport path in RC6 GSC01 during Withdrawal for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55C5200	Path error on transport path in RC6 GSC02 during Withdrawal for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55C5500	Path error on transport path in RC6 GSC05 during Withdrawal for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55C5Z00	Path error on transport path in RC6 All during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
55C6100	Path error on sensor except for transport path in RC6 GSC01 during Withdrawal for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
55C6200	Path error on sensor except for transport path in RC6 GSC02 during Withdrawal for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55C6500	Path error on sensor except for transport path in RC6 GSC05 during Withdrawal for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55C6Z00	Path error on sensor except for transport path in RC6 All during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
55C7100	Error occurred by the notes disorder in RC6 GSC01 during Withdrawal for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55C7200	Error occurred by the notes disorder in RC6 GSC02 during Withdrawal for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55C7500	Error occurred by the notes disorder in RC6 GSC05 during Withdrawal for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55C7Z00	Error occurred by the notes disorder in RC6 All during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
55CC100	RC6 Miss-Pickup during Withdrawal for adjustment	1. Open the lower unit.2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check the upper and the notes.
55CC200	Exceeded number of retries for RC6 separation error during Withdrawal for adjustment.	1. Open the lower unit.2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check the upper and the notes.
55CC400	RJC Last Note No Front detect during Withdrawal for adjustment	1. Open the lower unit.2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check the upper and the notes.
55CG100	RC6 Failure of returning notes (GSC01,GSC02 Sensors detect no notes) during Withdrawal for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55CG200	RC6 Failure to move PP to stack position during Withdrawal for adjustment	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(8). 4. Open the recycle cassette door(8).5. Check cassette status to move stage up and down.

Problem Code	Problem Description	Troubleshooting
55CG400	RC6 Failure to upword moving of PP during RC6 stack roller retreat movement during Withdrawal for adjustment	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(8). 4. Open the recycle cassette door(8).5. Check cassette status to move stage up and down.
55CG500	RC6 Failure to stack roller retreat (GSC13 Sensor no change) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
55CG600	RC6 Stack Roller retreat position disorder during RC Separation during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
55CG700	RC6 RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GSC07) no change) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
55CG800	RC6 Failure to move PP to press position (GSC08 Sensor Dark Fail) during Withdrawal for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(8).4. Check the stage status after open the recycle cassette(8).5. Check the upper side of the recycle cassette
55CGA00	RC6 RC Solenoid Echo error during Withdrawal for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8) and reload.4. Replace the cassette when same error occurs.
55CGB00	RC6 Feed Roller homeposition Sensor(GSC07) Light detect fail during RC Stack during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
55CGC00	RC6 Feed Roller homeposition Sensor(GSC07) Dark detect fail during RC Stack during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
55CGD00	RC6 GSC01,GSC02 Detect notes during move RC Feed Roller to homeposition during Withdrawal for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55CGE00	RC6 GSC08 detect dark before move RC Feed Roller to homeposition during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
55CGF00	RC6 Notes Setting error during initialize (GSC14, Bottom Sensor(GSC12) both dark) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
55CGG00	RC6 Stack Roller Sensor(GSC13) detect light during RC FM Stack during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
55CGH00	RC6 Stack Roller Sensor(GSC13) detect dark during RC FM Stack during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
55CGJ00	RC6 RC Stack Roller retreat fail (Motor Overrun) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
55CGK00	RC6 RC Stack Roller retreat fail (Motor speed error) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
55CGL00	RC6 RC Feed Roller homeposition fail (Motor speed error) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
55CGQ00	RJC Press and Stack position fail during Withdrawal for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
55CGR00	RJC Stack position fail during Withdrawal for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
55CGS00	RC6 RJC Press position fail during Withdrawal for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
55CGT00	RC6 GSC51 fail to detect dark when PP moves down during RJC PP Stack during Withdrawal for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
55CGU00	RC6 GSC51 fail to detect light when PP moves down during RJC PP Stack during Withdrawal for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
55CGV00	RC6 GSC52 fail to detect dark when PP moves down during RJC PP Stack during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
55CGW00	RC6 GSC51 fail to detect light when PP moves down during RJC initialize during Withdrawal for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
55CGX00	RC6 GSC01 detects notes during RJC intialize during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
55CJ100	RC6 RJC Full during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
55CJ200	RC6 RC No Residue during Withdrawal for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(8).4. Check the notes remain after open the recycle cassette door(8)5. Fill up the Notes if there are no notes
55CJ300	RC6 Full,Bottom no detect before move RC PP to stack position during Withdrawal for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(8).4. Check the stage status after open the recycle cassette(8).5. Check contamination of GS111/GS112 sensor.
55CK100	RC6 separation request notes is 0 during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
55CNL00	RC6 Requested notes is more than Residue notes,separation stop during Withdrawal for adjustment	1. Check RC6 actual count and SPL screen count.2. Setting RC6 count match actual count.3. Operate to initialize BRM(Recovery)
55CR100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55CR200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55CR300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55CR600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55CRF00	RC6 Feed Motor response timeout during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55CRP00	RC6 PP response timeout during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55CS200	RC6 Receive undefined command during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55CS300	RC6 Task not for separation receive separation command during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55CSA00	RC6 Sub Task receive undefined command during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55CSR00	RC6 Sub Task for Wait Setting Error during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55CSZ00	No enable RC to separate during Withdrawal, Collect Cash, Withdrawal for adjustment (The number of requested notes is 1 or RC out of work)	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
55E0100	CST GS901 Light Jam during Withdrawal for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
55E0200	CST GS902 Light Jam during Withdrawal for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
55E0500	CST GS905 Light Jam during Withdrawal for adjustment	1. Remove note in the transit path.2. Open the transit cassette door after remove the cassette.3. Remove note in the upper side.
55E0Z00	CST All Light Jam during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
55E1100	CST GS901 Dark Jam during Withdrawal for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
55E1200	CST GS902 Dark Jam during Withdrawal for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
55E1500	CST GS905 Dark Jam during Withdrawal for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
55E1Z00	CST All Dark Jam during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
55E2100	Error occurred by notes remained in CST GS901 during Withdrawal for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
55E2200	Error occurred by notes remained in CST GS902 during Withdrawal for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
55E2500	Error occurred by notes remained in CST GS905 during Withdrawal for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
55E2Z00	Error occurred by notes remained in CST All during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
55E3100	Sensor auto calibration error in CST GS901 during Withdrawal for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
55E3200	Sensor auto calibration error in CST GS902 during Withdrawal for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
55E3500	Sensor auto calibration error in CST GS905 during Withdrawal for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
55E3Z00	Sensor auto calibration error in CST All during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
55E4100	Extern lights check error in CST GS901 during Withdrawal for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
55E4200	Extern lights check error in CST GS902 during Withdrawal for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
55E4500	Extern lights check error in CST GS905 during Withdrawal for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
55E4Z00	Extern lights check error in CST All during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
55E5100	Path error on transport path in CST GS901 during Withdrawal for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
55E5200	Path error on transport path in CST GS902 during Withdrawal for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
55E5500	Path error on transport path in CST GS905 during Withdrawal for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
55E5Z00	Path error on transport path in CST All during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
55E6100	Path error on sensor except for transport path in CST GS901 during Withdrawal for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
55E6200	Path error on sensor except for transport path in CST GS902 during Withdrawal for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
55E6500	Path error on sensor except for transport path in CST GS905 during Withdrawal for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
55E6Z00	Path error on sensor except for transport path in CST All during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
55E7100	Error occurred by the notes disorder in CST GS901 during Withdrawal for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
55E7200	Error occurred by the notes disorder in CST GS902 during Withdrawal for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
55E7500	Error occurred by the notes disorder in CST GS905 during Withdrawal for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
55E7Z00	Error occurred by the notes disorder in CST All during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
55EC100	CST Miss-Pickup during Withdrawal for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check the upper and the notes.
55EC200	Exceeded number of retries for CST separation error during Withdrawal for adjustment.	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check the upper and the notes.
55EC400	CST Last Note No Front detect during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check the upper and the notes.
55EG100	CST Failure of returning notes (GS901,GS902 Sensors detect no notes) during Withdrawal for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
55EG200	CST Failure to move PP to stack position during Withdrawal for adjustment	1. Remove the transit cassette.2. Open the cassette door.3. Check the stage status.
55EG400	CST Failure to upword moving of PP during RC stack roller retreat movement during Withdrawal for adjustment	1. Remove the transit cassette.2. Open the cassette door.3. Check the stage status.
55EG500	CST Failure to stack roller retreat (GS913 Sensor no change) during Withdrawal for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
55EG600	CST Stack Roller retreat position disorder during RC Separation during Withdrawal for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
55EG700	CST RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS907) no change) during Withdrawal for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
55EG800	CST Failure to move PP to press position (GS908 Sensor Dark Fail) during Withdrawal for adjustment	1. Remove the transit cassette.2. Check the stage status after open the cassette.3. Check the upper side of the cassette
55EGA00	CST RC Solenoid Echo error during Withdrawal for adjustment	1. Reload the transit cassette after removing the cassette.2. Change the cassette when same error occur.

Problem Code	Problem Description	Troubleshooting
55EGB00	CST Feed Roller homeposition Sensor(GS907) Light detect fail during RC Stack during Withdrawal for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
55EGC00	CST Feed Roller homeposition Sensor(GS907) Dark detect fail during RC Stack during Withdrawal for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
55EGD00	CST GS901,GS902 Detect notes during move RC Feed Roller to homeposition during Withdrawal for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
55EGE00	CST GS908 detect dark before move RC Feed Roller to homeposition during Withdrawal for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note.
55EGF00	CST Notes Setting error during initialize (GS914, Bottom Sensor(GS912) both dark) during Withdrawal for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note.
55EGG00	CST Stack Roller Sensor(GS913) detect light during RC FM Stack during Withdrawal for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
55EGH00	CST Stack Roller Sensor(GS913) detect dark during RC FM Stack during Withdrawal for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
55EGJ00	CST RC Stack Roller retreat fail (Motor Overrun) during Withdrawal for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
55EGK00	CST RC Stack Roller retreat fail (Motor speed error) during Withdrawal for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
55EGL00	CST RC Feed Roller homeposition fail (Motor speed error) during Withdrawal for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
55EJ200	CST No Residue during Withdrawal for adjustment	1. Remove the transit cassette.2. Check the notes remain after open the cassette door.3. Fill up the Notes if there are no notes
55EJ300	CST Full,Bottom no detect before move RC PP to stack position during Withdrawal for adjustment	1. Remove the transit cassette.2. Check the stage status after open the cassette.3. Check the upper side of the cassette
55EK100	CST separation request notes is 0 during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
55ENL00	CST Requested notes is more than Residue notes,separation stop during Withdrawal for adjustment	1. Check CST actual count and SPL screen count.2. Setting CST count match actual count.3. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
55ER100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55ER200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55ER300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55ER600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55ERF00	CST Feed Motor response timeout during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55ERP00	CST PP response timeout during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55ES200	CST Receive undefined command during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55ES300	CST RC Task not for separation receive separation command during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55ESA00	CST RC Sub Task receive undefined command during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55ESR00	CST Sub Task for Wait Setting Error during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55ESZ00	No enable RC to separate during Withdrawal, Collect Cash, Withdrawal for adjustment (The number of requested notes is 1 or RC out of work)	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55F0100	RC7 GSF01 Light Jam during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55F0200	RC7 GSF02 Light Jam during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55F0500	RC7 GSF05 Light Jam during Withdrawal for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(F).4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
55F0Z00	RC7 All Light Jam during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
55F1100	RC7 GSF01 Dark Jam during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55F1200	RC7 GSF02 Dark Jam during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55F1500	RC7 GSF05 Dark Jam during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55F1Z00	All RC7 Sensor Dark Jam during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
55F2100	Error occurred by notes remained in RC7 GSF01 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55F2200	Error occurred by notes remained in RC7 GSF02 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55F2500	Error occurred by notes remained in RC7 GSF05 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55F2Z00	Error occurred by notes remained in All RC7 Sensor during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
55F3100	RC7 GSF01 Sensor auto calibration error during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55F3200	RC7 GSF02 Sensor auto calibration error during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55F3500	RC7 GSF05 Sensor auto calibration error during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55F3Z00	All RC7 Sensor auto calibration error during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
55F4100	RC7 GSF01 Extern lights check error during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55F4200	RC7 GSF02 Extern lights check error during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55F4500	RC7 GSF05 Extern lights check error during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55F4Z00	All RC7 Sensor Extern lights check error during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
55F5100	RC7 GSF01 Path error on transport path during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55F5200	RC7 GSF02 Path error on transport path during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55F5500	RC7 GSF05 Path error on transport path during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55F5Z00	All RC7 Sensor Path error on transport path during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
55F6100	RC7 GSF01 Path error on sensor except for transport path during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55F6200	RC7 GSF02 Path error on sensor except for transport path during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55F6500	RC7 GSF05 Path error on sensor except for transport path during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55F6Z00	RC7 All Path error on sensor except for transport path during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
55F7100	Error occurred by the notes disorder in RC7 GSF01 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55F7200	Error occurred by the notes disorder in RC7 GSF02 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55F7500	Error occurred by the notes disorder in RC7 GSF05 during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55F7Z00	Error occurred by the notes disorder in RC7 All during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
55FC100	RC Miss-Pickup during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check the upper and the notes.
55FC200	Exceeded number of retries for RC7 separation error during Withdrawal for adjustment.	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F)..4. Put down the Stage after open the cassette(F) door.5. Remove note in the upper side.6. Check the upper and the notes.
55FG100	RC7 Failure of returning notes (GSF01,GSF02 Sensors detect no notes) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55FG200	RC7 Failure to move PP to stack position during Withdrawal for adjustment	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(F) . 4. Open the recycle cassette door(A).5. Check cassette status to move stage up and down.
55FG400	RC7 Failure to upword moving of PP during RC7 stack roller retreat movement during Withdrawal for adjustment	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(F) . 4. Open the recycle cassette door(A).5. Check cassette status to move stage up and down.
55FG500	RC7 Failure to stack roller retreat (GS113 Sensor no change) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
55FG600	RC7 Stack Roller retreat position disorder during RC Separation during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
55FG700	RC7 Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GSF07) no change) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
55FG800	RC7 Failure to move PP to press position (GSF08 Sensor Dark Fail) during Withdrawal for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(F).4. Check the stage status after open the recycle cassette(F).5. Check the upper side of the recycle cassette
55FGA00	RC7 Solenoid Echo error during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F) and reload4. Replace the cassette when same error occurs
55FGB00	RC7 Feed Roller homeposition Sensor(GSF07) Light detect fail during RC Stack during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
55FGC00	RC7 Feed Roller homeposition Sensor(GSF07) Dark detect fail during RC Stack during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
55FGD00	RC7 GSF01,GSF02 Detect notes during move RC Feed Roller to homeposition during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
55FGE00	RC7 GSF08 detect dark before move RC Feed Roller to homeposition during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note.
55FGF00	RC7 Notes Setting error during initialize (GSF14, Bottom Sensor(GSF12) both dark) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note.
55FGG00	RC7 Stack Roller Sensor(GS113) detect light during RC FM Stack during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
55FGH00	RC7 Stack Roller Sensor(GS113) detect dark during RC FM Stack during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
55FGJ00	RC7 Stack Roller retreat fail (Motor Overrun) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
55FGK00	RC7 Stack Roller retreat fail (Motor speed error) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
55FGL00	RC7 Feed Roller homeposition fail (Motor speed error) during Withdrawal for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
55FJ200	RC7 No Residue during Withdrawal for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(F).4. Check the notes remain after open the recycle cassette door(A)5. Fill up the Notes if there are no notes
55FJ300	Full,Bottom no detect before move RC7 PP to stack position during Withdrawal for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(F).4. Check the stage status after open the recycle cassette(F).5. Check contamination of GSF11/GSF12 sensor.
55FK100	RC7 separation request notes is 0 during Withdrawal for adjustment	1. Operate to initialize BRM.(Recovery)
55FNL00	RC7 Requested notes is more than Residue notes,separation stop during Withdrawal for adjustment	1. Check RC7 actual count and SPL screen count.2. Setting RC7 count match actual count.3. Operate to initialize BRM(Recovery)
55FRF00	RC7 Feed Motor response timeout during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55FRP00	RC7 PP response timeout during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55FS200	RC7 Receive undefined command during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55FS300	RC7 Task not for separation receive separation command during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55FSA00	RC7 Sub Task receive undefined command during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55FSR00	RC7 Sub Task for Wait Setting Error during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
55US100	USB Bulk Sequence Error during Withdrawal for adjustment.	1. Restart over AP-SP
55US300	USB Bulk Received Length Error during Withdrawal for adjustment.	1. Reboot the system
55US400	Message transmission Error from USB to Main Task during Withdrawal for adjustment.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
55US500	Message reception Error from MainTask to USB during Withdrawal for adjustment.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
55USCMD	Bulk command data check error during Withdrawal for adjustment. (USB communication failure)	1. Restart over AP-SP
55USCRC	CRC data check error during Withdrawal for adjustment. (USB communication failure)	1. Restart over AP-SP
55USLEN	Bulk length error during Withdrawal for adjustment. (USB communication failure)	1. Restart over AP-SP

Problem Code	Problem Description	Troubleshooting
561G100	RC1 Failure of returning notes (GS101,GS102 Sensors detect no notes) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
561G200	RC1 Failure to move PP to stack position during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (A)4. Open the recycle cassette door(A) 5. Check cassette status to move stage up and down
561G400	RC1 Failure to upward moving of PP during RC1 stack roller retreat movement during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (A)4. Open the recycle cassette door(A) 5. Check cassette status to move stage up and down
561G500	RC1 Failure to stack roller retreat (GS113 Sensor no change) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
561G600	RC1 Stack Roller retreat position disorder during RC Separation during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
561G700	RC1 Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS107) no change) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
561G800	RC1 Failure to move PP to press position (GS108 Sensor Dark Fail) during Withdrawal Ready	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(A).4. Check the stage status after open the recycle cassette(A).5. Check the upper side of the recycle cassette
561GA00	RC1 Solenoid Echo error during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A) and reload4. Replace the cassette when same error occurs
561GB00	RC1 Feed Roller homeposition Sensor(GS107) Light detect fail during RC Stack during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
561GC00	RC1 Feed Roller homeposition Sensor(GS107) Dark detect fail during RC Stack during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
561GD00	RC1 GS101,GS102 Detect notes during move RC Feed Roller to homeposition during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
561GE00	RC1 GS108 detect dark before move RC Feed Roller to homeposition during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note.

Problem Code	Problem Description	Troubleshooting
561GF00	RC1 Notes Setting error during initialize (GS114, Bottom Sensor(GS112) both dark) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note.
561GG00	RC1 Stack Roller Sensor(GS113) detect light during RC FM Stack during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
561GH00	RC1 Stack Roller Sensor(GS113) detect dark during RC FM Stack during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
561GJ00	RC1 Stack Roller retreat fail (Motor Overrun) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
561GK00	RC1 Stack Roller retreat fail (Motor speed error) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
561GL00	RC1 Feed Roller homeposition fail (Motor speed error) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
561GQ00	RJC Press and Stack position fail during Withdrawal Ready	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
561GR00	RJC Stack position fail during Withdrawal Ready	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
561GS00	RC1 RJC Press position fail during Withdrawal Ready	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
561GT00	RC1 GS151 fail to detect dark when PP moves down during RJC PP Stack during Withdrawal Ready	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
561GU00	RC1 GS151 fail to detect light when PP moves down during RJC PP Stack during Withdrawal Ready	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
561GV00	RC1 GS152 fail to detect dark when PP moves down during RJC PP Stack during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.

Problem Code	Problem Description	Troubleshooting
561GW00	RC1 GS151 fail to detect light when PP moves down during RJC initialize during Withdrawal Ready	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
561GX00	RC1 GS101 detects notes during RJC intialize during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
561J100	RJC Full during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
561J200	RC1 No Residue during Withdrawal Ready	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(A).4. Check the notes remain after open the recycle cassette door(A)5. Fill up the Notes if there are no notes
561J300	Full,Bottom no detect before move RC1 PP to stack position during Withdrawal Ready	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(A).4. Check the stage status after open the recycle cassette(A).5. Check contamination of GS111/GS112 sensor.
561K100	RC1 separation request notes is 0 during Withdrawal Ready	1. Operate to initialize BRM.(Recovery)
561NL00	RC1 Requested notes is more than Residue notes,separation stop during Withdrawal Ready	1. Check RC1 actual count and SPL screen count.2. Setting RC1 count match actual count.3. Operate to initialize BRM(Recovery)
561R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
561R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
561R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
561R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
561RF00	RC1 Feed Motor response timeout during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
561RP00	RC1 PP response timeout during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
561S200	RC1 Receive undefined command during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
561S300	RC1 Task not for sepratation receive separation command during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
561SA00	RC1 Sub Task receive undefined command during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
561SR00	RC1 Sub Task for Wait Setting Error during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
562G100	RC2 Failure of returning notes (GS201,GS202 Sensors detect no notes) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
562G200	RC2 Failure to move PP to stack position during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (B)4. Open the recycle cassette door (B)5. Check cassette status to move stage up and down
562G400	RC2 Failure to upward moving of PP during RC2 stack roller retreat movement during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (B)4. Open the recycle cassette door (B)5. Check cassette status to move stage up and down
562G500	RC2 Failure to stack roller retreat (GS213 Sensor no change) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
562G600	RC2 Stack Roller retreat position disorder during RC Separation during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
562G700	RC2 Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS207) no change) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
562G800	RC2 Failure to move PP to press position (GS208 Sensor Dark Fail) during Withdrawal Ready	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(B).4. Check the stage status after open the recycle cassette(B).5. Check the upper side of the recycle cassette
562GA00	RC2 Solenoid Echo error during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (B) after removing recycle cassette4. Replace the cassette when same error occurs
562GB00	RC2 Feed Roller homeposition Sensor(GS207) Light detect fail during RC Stack during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
562GC00	RC2 Feed Roller homeposition Sensor(GS207) Dark detect fail during RC Stack during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
562GD00	RC2 GS201,GS202 Detect notes during move RC Feed Roller to homeposition during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
562GE00	RC2 GS208 detect dark before move RC Feed Roller to homeposition during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note.
562GF00	RC2 Notes Setting error during initialize (GS214, Bottom Sensor(GS212) both dark) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note.
562GG00	RC2 Stack Roller Sensor(GS213) detect light during RC FM Stack during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
562GH00	RC2 Stack Roller Sensor(GS213) detect dark during RC FM Stack during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
562GJ00	RC2 Stack Roller retreat fail (Motor Overrun) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
562GK00	RC2 Stack Roller retreat fail (Motor speed error) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
562GL00	RC2 Feed Roller homeposition fail (Motor speed error) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
562J200	RC2 No Residue during Withdrawal Ready	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(B).4. Check the notes remain after open the recycle cassette door(B).5. Fill up the Notes if there are no notes
562J300	RC2 Full,Bottom no detect before move RC PP to stack position during Withdrawal Ready	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(B).4. Check the stage status after open the recycle cassette(B).5. Check contamination of GS211/GS212 sensor.
562K100	RC2 separation request notes is 0 during Withdrawal Ready	1. Operate to initialize BRM.(Recovery)
562NL00	RC2 Requested notes is more than Residue notes,separation stop during Withdrawal Ready	1. Check RC2 actual count and SPL screen count.2. Setting RC2 count match actual count.3. Operate to initialize BRM(Recovery)
562R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
562R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
562R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
562R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
562RF00	RC2 Feed Motor response timeout during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
562RP00	RC2 PP response timeout during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
562S200	RC2 Receive undefined command during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
562S300	RC2 Task not for separation receive separation command during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
562SA00	RC2 Sub Task receive undefined command during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
562SR00	RC2 Sub Task for Wait Setting Error during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5630100	RC3 GS301 Light Jam during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5630200	RC3 GS302 Light Jam during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5630500	RC3 GS305 Light Jam during Withdrawal Ready	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(C)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5631100	RC3 GS301 Dark Jam during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5631200	RC3 GS302 Dark Jam during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5631500	RC3 GS305 Dark Jam during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5632100	Error occurred by notes remained in RC3 GS301 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5632200	Error occurred by notes remained in RC3 GS302 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5632500	Error occurred by notes remained in RC3 GS305 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5633100	Sensor auto calibration error in RC3 GS301 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5633200	Sensor auto calibration error in RC3 GS302 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5633500	Sensor auto calibration error in RC3 GS305 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5634100	Extern lights check error in RC3 GS301 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5634200	Extern lights check error in RC3 GS302 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5634500	Extern lights check error in RC3 GS305 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5635100	Path error on transport path in RC3 GS301 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5635200	Path error on transport path in RC3 GS302 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5635500	Path error on transport path in RC3 GS305 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5636100	Path error on sensor except for transport path in RC3 GS301 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5636200	Path error on sensor except for transport path in RC3 GS302 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5636500	Path error on sensor except for transport path in RC3 GS305 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5637100	Error occurred by the notes disorder in RC3 GS301 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5637200	Error occurred by the notes disorder in RC3 GS302 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5637500	Error occurred by the notes disorder in RC3 GS305 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
563G100	RC3 Failure of returning notes (GS301,GS302 Sensors detect no notes) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
563G200	RC3 Failure to move PP to stack position during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (C).4. Open the recycle cassette door (C).5. Check cassette status to move stage up and down

Problem Code	Problem Description	Troubleshooting
563G400	RC3 Failure to upword moving of PP during RC3 stack roller retreat movement during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (C)4. Open the recycle cassette door (C)5. Check cassette status to move stage up and down
563G500	RC3 Failure to stack roller retreat (GS313 Sensor no change) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
563G600	RC3 Stack Roller retreat position disorder during RC Separation during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
563G700	RC3 RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS307) no change) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
563G800	RC3 Failure to move PP to press position (GS308 Sensor Dark Fail) during Withdrawal Ready	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(C).4. Check the stage status after open the recycle cassette(C).5. Check the upper side of the recycle cassette
563GA00	RC3 RC Solenoid Echo error during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (C) after removing recycle cassette4. Replace the cassette when same error occurs
563GB00	RC3 Feed Roller homeposition Sensor(GS307) Light detect fail during RC Stack during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
563GC00	RC3 Feed Roller homeposition Sensor(GS307) Dark detect fail during RC Stack during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
563GD00	RC3 GS301,GS302 Detect notes during move RC Feed Roller to homeposition during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
563GE00	RC3 GS308 detect dark before move RC Feed Roller to homeposition during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note.
563GF00	RC3 Notes Setting error during initialize (GS314, Bottom Sensor(GS312) both dark) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note.
563GG00	RC3 Stack Roller Sensor(GS313) detect light during RC FM Stack during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
563GH00	RC3 Stack Roller Sensor(GS313) detect dark during RC FM Stack during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
563GJ00	RC3 RC Stack Roller retreat fail (Motor Overrun) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
563GK00	RC3 RC Stack Roller retreat fail (Motor speed error) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
563GL00	RC3 RC Feed Roller homeposition fail (Motor speed error) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
563J200	RC3 No Residue during Withdrawal Ready	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(C).4. Check the notes remain after open the recycle cassette door(C).5. Fill up the Notes if there are no notes
563J300	RC3 Full,Bottom no detect before move RC PP to stack position during Withdrawal Ready	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(C).4. Check the stage status after open the recycle cassette(C).5. Check contamination of GS311/GS312 sensor.
563K100	RC3 separation request notes is 0 during Withdrawal Ready	1. Operate to initialize BRM.(Recovery)
563L100	Remaining notes stack process error in RC3 GS301 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
563L200	Remaining notes stack process error in RC3 GS302 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
563L500	Remaining notes stack process error in RC3 GS305 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
563NL00	RC3 Requested notes is more than Residue notes,separation stop during Withdrawal Ready	1. Check RC3 actual count and SPL screen count.2. Setting RC3 count match actual count.3. Operate to initialize BRM(Recovery)
563R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
563R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
563R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
563R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
563RF00	RC3 Feed Motor response timeout during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
563RP00	RC3 PP response timeout during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
563S200	RC3 Receive undefined command during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
563S300	RC3 RC Task not for separation receive separation command during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
563SA00	RC3 RC Sub Task receive undefined command during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
563SR00	RC3 Sub Task for Wait Setting Error during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5640100	RC4 GS401 Light Jam during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5640200	RC4 GS402 Light Jam during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5640500	RC4 GS405 Light Jam during Withdrawal Ready	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(D)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5641100	RC4 GS401 Dark Jam during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5641200	RC4 GS402 Dark Jam during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5641500	RC4 GS405 Dark Jam during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5642100	Error occurred by notes remained in RC4 GS401 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5642200	Error occurred by notes remained in RC4 GS402 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5642500	Error occurred by notes remained in RC4 GS405 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5643100	Sensor auto calibration error in RC4 GS401 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5643200	Sensor auto calibration error in RC4 GS402 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5643500	Sensor auto calibration error in RC4 GS405 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5644100	Extern lights check error in RC4 GS401 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5644200	Extern lights check error in RC4 GS402 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5644500	Extern lights check error in RC4 GS405 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5645100	Path error on transport path in RC4 GS401 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5645200	Path error on transport path in RC4 GS402 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5645500	Path error on transport path in RC4 GS405 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5646100	Path error on sensor except for transport path in RC4 GS401 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5646200	Path error on sensor except for transport path in RC4 GS402 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5646500	Path error on sensor except for transport path in RC4 GS405 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5647100	Error occurred by the notes disorder in RC4 GS401 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5647200	Error occurred by the notes disorder in RC4 GS402 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5647500	Error occurred by the notes disorder in RC4 GS405 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
564G100	RC4 Failure of returning notes (GS401,GS402 Sensors detect no notes) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
564G200	RC4 Failure to move PP to stack position during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (D)4. Open the recycle cassette door (D)5. Check cassette status to move stage up and down

Problem Code	Problem Description	Troubleshooting
564G400	RC4 Failure to upword moving of PP during RC4 stack roller retreat movement during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (D)4. Open the recycle cassette door (D)5. Check cassette status to move stage up and down
564G500	RC4 Failure to stack roller retreat (GS413 Sensor no change) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
564G600	RC4 Stack Roller retreat position disorder during RC Separation during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
564G700	RC4 RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS407) no change) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
564G800	RC4 Failure to move PP to press position (GS408 Sensor Dark Fail) during Withdrawal Ready	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(D).4. Check the stage status after open the recycle cassette(D).5. Check the upper side of the recycle cassette
564GA00	RC4 RC Solenoid Echo error during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (D) after removing recycle cassette4. Replace the cassette when same error occurs
564GB00	RC4 Feed Roller homeposition Sensor(GS407) Light detect fail during RC Stack during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
564GC00	RC4 Feed Roller homeposition Sensor(GS407) Dark detect fail during RC Stack during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
564GD00	RC4 GS401,GS402 Detect notes during move RC Feed Roller to homeposition during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
564GE00	RC4 GS408 detect dark before move RC Feed Roller to homeposition during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note.
564GF00	RC4 Notes Setting error during initialize (GS414, Bottom Sensor(GS412) both dark) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note.
564GG00	RC4 Stack Roller Sensor(GS413) detect light during RC FM Stack during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
564GH00	RC4 Stack Roller Sensor(GS413) detect dark during RC FM Stack during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
564GJ00	RC4 RC Stack Roller retreat fail (Motor Overrun) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
564GK00	RC4 RC Stack Roller retreat fail (Motor speed error) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
564GL00	RC4 RC Feed Roller homeposition fail (Motor speed error) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
564J200	RC4 No Residue during Withdrawal Ready	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(D).4. Check the notes remain after open the recycle cassette door(D).5. Fill up the Notes if there are no notes
564J300	RC4 Full,Bottom no detect before move RC PP to stack position	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(D).4. Check the stage status after open the recycle cassette(D).5. Check contamination of GS411/GS412 sensor.
564K100	RC4 separation request notes is 0 during Withdrawal Ready	1. Operate to initialize BRM.(Recovery)
564L100	Remaining notes stack process error in RC4 GS401 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
564L200	Remaining notes stack process error in RC4 GS402 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
564L500	Remaining notes stack process error in RC4 GS405 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
564NL00	RC4 Requested notes is more than Residue notes,separation stop during Withdrawal Ready	1. Check RC4 actual count and SPL screen count.2. Setting RC4 count match actual count.3. Operate to initialize BRM(Recovery)
564R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
564R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
564R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
564R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
564RF00	RC4 Feed Motor response timeout during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
564RP00	RC4 PP response timeout during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
564S200	RC4 Receive undefined command during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
564S300	RC4 RC Task not for separation receive separation command during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
564SA00	RC4 RC Sub Task receive undefined command during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
564SR00	RC4 Sub Task for Wait Setting Error during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5650100	RC5 GS501 Light Jam during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5650200	RC5 GS502 Light Jam during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5650500	RC5 GS505 Light Jam during Withdrawal Ready	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(E)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5651100	RC5 GS501 Dark Jam during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5651200	RC5 GS502 Dark Jam during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5651500	RC5 GS505 Dark Jam during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5652100	Error occurred by notes remained in RC5 GS501 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5652200	Error occurred by notes remained in RC5 GS502 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5652500	Error occurred by notes remained in RC5 GS505 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5653100	Sensor auto calibration error in RC5 GS501 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5653200	Sensor auto calibration error in RC5 GS502 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5653500	Sensor auto calibration error in RC5 GS505 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5654100	Extern lights check error in RC5 GS501 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5654200	Extern lights check error in RC5 GS502 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5654500	Extern lights check error in RC5 GS505 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5655100	Path error on transport path in RC5 GS501 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5655200	Path error on transport path in RC5 GS502 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5655500	Path error on transport path in RC5 GS505 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5656100	Path error on sensor except for transport path in RC5 GS501 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5656200	Path error on sensor except for transport path in RC5 GS502 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5656500	Path error on sensor except for transport path in RC5 GS505 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5657100	Error occurred by the notes disorder in RC5 GS501 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5657200	Error occurred by the notes disorder in RC5 GS502 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5657500	Error occurred by the notes disorder in RC5 GS505 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
565G100	RC5 Failure of returning notes (GS501,GS502 Sensors detect no notes) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
565G200	RC5 Failure to move PP to stack position during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (E)4. Open the recycle cassette door (E)5. Check cassette status to move stage up and down

Problem Code	Problem Description	Troubleshooting
565G400	RC5 Failure to upword moving of PP during RC5 stack roller retreat movement during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (E)4. Open the recycle cassette door (E)5. Check cassette status to move stage up and down
565G500	RC5 Failure to stack roller retreat (GS513 Sensor no change) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
565G600	RC5 Stack Roller retreat position disorder during RC Separation during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
565G700	RC5 Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS507) no change) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
565G800	RC5 Failure to move PP to press position (GS508 Sensor Dark Fail) during Withdrawal Ready	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(E).4. Check the stage status after open the recycle cassette(E).5. Check the upper side of the recycle cassette
565GA00	RC5 Solenoid Echo error during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (E) after removing recycle cassette4. Replace the cassette when same error occurs
565GB00	RC5 Feed Roller homeposition Sensor(GS507) Light detect fail during RC Stack during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
565GC00	RC5 Feed Roller homeposition Sensor(GS507) Dark detect fail during RC Stack during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
565GD00	RC5 GS501,GS502 Detect notes during move RC Feed Roller to homeposition during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
565GE00	RC5 GS508 detect dark before move RC Feed Roller to homeposition during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note.
565GF00	RC5 Notes Setting error during initialize (GS514, Bottom Sensor(GS512) both dark) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note.
565GG00	RC5 Stack Roller Sensor(GS513) detect light during RC FM Stack during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
565GH00	RC5 Stack Roller Sensor(GS513) detect dark during RC FM Stack during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
565GJ00	RC5 Stack Roller retreat fail (Motor Overrun) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
565GK00	RC5 Stack Roller retreat fail (Motor speed error) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
565GL00	RC5 Feed Roller homeposition fail (Motor speed error) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
565J200	RC5 No Residue during Withdrawal Ready	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(E).4. Check the notes remain after open the recycle cassette door(E)5. Fill up the Notes if there are no notes
565J300	RC5 Full,Bottom no detect before move RC PP to stack position during Withdrawal Ready	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(E).4. Check the stage status after open the recycle cassette(E).5. Check contamination of GS511/GS512 sensor.
565K100	RC5 separation request notes is 0 during Withdrawal Ready	1. Operate to initialize BRM.(Recovery)
565L100	Remaining notes stack process error in RC5 GS501 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
565L200	Remaining notes stack process error in RC5 GS502 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
565L500	Remaining notes stack process error in RC5 GS505 during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
565NL00	RC5 Requested notes is more than Residue notes,separation stop during Withdrawal Ready	1. Check RC5 actual count and SPL screen count.2. Setting RC5 count match actual count.3. Operate to initialize BRM(Recovery)
565R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
565R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
565R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
565R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
565RF00	RC5 Feed Motor response timeout during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
565RP00	RC5 PP response timeout during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
565S200	RC5 Receive undefined command during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
565S300	RC5 Task not for separation receive separation command during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
565SA00	RC5 Sub Task receive undefined command during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
565SR00	RC5 Sub Task for Wait Setting Error during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5662100	CSM Residue Error during Withdrawal Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5662300	CSM insert notes excess Error during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Check inserting notes into the CSM are over 300 counts at one time3. If BRM does not recovery open the outer/inner Shutter of CSM3.Remove notes and substance in the CSM(1)
5662500	CSM notes disappear Error during Withdrawal Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5662600	CSM notes appear Error during Withdrawal Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5662Z00	CSM Residue Error during Withdrawal Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
566B100	CSM Notes insert position Error during Withdrawal Ready	1. Return Notes to customer(Semi OK Code)2. If Notes don't return open the outer/inner Shutter and remove the notes

Problem Code	Problem Description	Troubleshooting
566B200	CSM Notes in abnormal position(GS601,GS603,GS610,GS611,GS616 중) after ready separation during Withdrawal Ready	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
566B300	CSM Separate Mis-pickup during Withdrawal Ready	1. Return Notes to customer(Semi OK Code)2. If Notes don't retrun open the outer/inner Shutter and remove the notes
566B400	CSM Separate disorder Jam (Front Skew) during Withdrawal Ready	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
566B600	CSM Separate disorder Jam (Over Max Length) during Withdrawal Ready	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
566B700	CSM Separate disorder Jam (Less Min Length) during Withdrawal Ready	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
566B800	CSM Separate disorder Dark Jam during Withdrawal Ready	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
566B900	CSM Low speed control 30 times over Error during Withdrawal Ready	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
566BA00	CSM Over separation notes during collect lost notes during Withdrawal Ready	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
566BE00	CSM Residue Notes in separation part after separation during Withdrawal Ready	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
566G100	Fail to move CSM BP to Stack Position during Withdrawal Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
566G200	Fail to move CSM BP to Deposit Position during Withdrawal Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
566G300	Fail to move CSM BP to Separation Position during Withdrawal Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
566G500	Fail to move CSM BP to Note-Out Position during Withdrawal Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly

Problem Code	Problem Description	Troubleshooting
566G600	Fail to move CSM P-Roller to Home position during Withdrawal Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
566G800	Fail to CSM return notes during Withdrawal Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
566G900	CSM GM601 Step out during Withdrawal Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
566GA00	Fail to move CSM BP to return note Position during Withdrawal Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
566GB00	Fail to move CSM FP to Deposit Position during Withdrawal Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Press and release FP check the FP rotate smoothly5. Check GS652 status(Dark & Light)
566GF00	Fail to move CSM G-Roller to Homeposition during Withdrawal Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
566GG00	Fail to move both CSM P/G-Roller to Homeposition during Withdrawal Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
566M200	CSM Inner Shutter Open Error during Withdrawal Ready	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
566M300	CSM Inner Shutter Close Error during Withdrawal Ready	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
566M400	CSM Outer Shutter Open Error during Withdrawal Ready	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
566M500	CSM Outer Shutter Close Error during Withdrawal Ready	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
566M600	CSM Outer Shutter is Opened during Withdrawal Ready	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
566M700	CSM Inner Shutter Open during Stack during Withdrawal Ready	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light

Problem Code	Problem Description	Troubleshooting
566M800	CSM Stopper Home position Fail during Withdrawal Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move PP Front5. Move Bill Stopper forward/backward and check GS668 sensor status6. Initialize
566M900	CSM Stopper Stack position Fail during Withdrawal Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move PP Front5. Move Bill Stopper forward/backward and check GS668 sensor status6. Initialize
566MB00	CSM Bill Supporter Up position Fail during Withdrawal Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Check the failure and breakage of Bill Lifter/Support5. Initialize
566MC00	CSM Bill Supporter Down position Fail during Withdrawal Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Check the failure and breakage of Bill Lifter/Support5. Initialize
566P100	CSM PP Withdrawal(Stack) position Fail during Withdrawal Ready	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
566P200	CSM PP Deposit position Fail during Withdrawal Ready	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
566P300	CSM PP Separation position Fail during Withdrawal Ready	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
566P400	CSM PP collect lost notes position Fail during Withdrawal Ready	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
566P500	CSM PP Note-out position Fail during Withdrawal Ready	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
566P600	CSM PP Note-arrange position Fail during Withdrawal Ready	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize

Problem Code	Problem Description	Troubleshooting
566P800	CSM PP Control Stack Fail during Withdrawal Ready	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
566P900	CSM PP Return note position Fail during Withdrawal Ready	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
566PD00	CSM PP Check semi-note Fail during Withdrawal Ready	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
566PE00	CSM PP Bill SuCSM PPorter Up position Fail during Withdrawal Ready	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
566R100	CSM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
566R200	CSM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
566R300	CSM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
566R600	CSM response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
566RB00	CSM BP response timeout during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
566RF00	CSM Feed Motor response timeout during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
566RL00	CSM Lift response timeout during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
566RP00	CSM PP response timeout during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
566RR00	CSM Bill supporter response timeout during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
566RS00	CSM Inner Shutter response timeout during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
566RT00	CSM Stopper response timeout during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
566SA00	CSM Receive undefined command during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
566SR00	CSM Sub Task for Wait Setting Error during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5672100	Error occurred by notes remained in TSK GS701 during Withdrawal Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5). Remove notes and substance TSK(5)
5672200	Error occurred by notes remained in TSK GS702 during Withdrawal Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5). Remove notes and substance TSK(5)
5672300	Error occurred by notes remained in TSK GS703,4 during Withdrawal Ready	1. Open the upper unit2. Check the notes remain in the TSK(5)3. Check the GS701/GS702/GS706/GS707 Sensor4. Remove notes remain in the TSK
5672Z00	Error occurred by notes remained in TSK All Sensor during Withdrawal Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5). Remove notes and substance TSK(5)
5677100	Error occurred by the notes disorder in TSK GS701 during Withdrawal Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5). Remove notes and substance TSK(5)
5677200	Error occurred by the notes disorder in TSK GS702 during Withdrawal Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5). Remove notes and substance TSK(5)
5677300	Error occurred by the notes disorder in TSK GS703,4 during Withdrawal Ready	1. Open the upper unit2. Check the notes remain in the TSK(5)3. Check the GS701/GS702/GS706/GS707 Sensor4. Remove notes remain in the TSK
5677Z00	Error occurred by the notes disorder in TSK All during Withdrawal Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5). Remove notes and substance TSK(5)
567C200	TSK Last note unclear during separation during Withdrawal Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Remove notes and substance TSK(5) 4. Close the upper unit5. Initialize
567F300	TSK GM701 F-Roller Homeposition fail during Withdrawal Ready	1. Open the upper unit2. Open the TM(Test Module)3. Rotate the knob of TSK to check sensor(GS752) change 4. Rotate the knob of TSK(5) to find obstruction out
567G100	GM701 Return notes fail during Withdrawal Ready	1. Open the upper unit2. Confirm to Rotate a knob of TSK(5) softly

Problem Code	Problem Description	Troubleshooting
567J100	TSK Full during Withdrawal Ready	1. Open the upper unit2. Open the TSK(5)3. Check the notes remain in the TSK(5)4. Remove notes remain in the TSK
567L100	Remaining notes stack process error in TSK GS701 during Withdrawal Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
567L200	Remaining notes stack process error in TSK GS702 during Withdrawal Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
567L300	Remaining notes stack process error in TSK GS703,4 during Withdrawal Ready	1. Open the upper unit2. Check the notes remain in the TSK(5)3. Check the GS701/GS702/GS706/GS707 Sensor4. Remove notes remain in the TSK
567LZ00	Remaining notes stack process error in TSK All during Withdrawal Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
567M100	TSK Stopper Home position for intialze fail during Withdrawal Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if stopper was obstructed
567M200	TSK Stopper Stack position for intialize fail during Withdrawal Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if stopper was obstructed
567M300	TSK Stopper Return note position for intialize fail during Withdrawal Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if stopper was obstructed
567M400	TSK Stopper Lock FP Fail during Withdrawal Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if FP(Front Plate) was obstructed
567M500	TSK Stopper Unlock FP Fail during Withdrawal Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if FP(Front Plate) was obstructed
567P100	FP Sensor detect Dark Fail during Withdrawal Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if PP(Push Plate) was obstructed to rotate PP knob4. Check if FP(Front Plate) was obstructed to rotate
567P200	FP Sensor detect Light Fail during Withdrawal Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if PP(Push Plate) was obstructed to rotate PP knob4. Check if FP(Front Plate) was obstructed to rotate
567P300	PP Press position fail during Withdrawal Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if PP(Push Plate) was obstructed to rotate PP knob
567Q700	TSK Door Open during operation in Withdrawal Ready	1. Close the door of TSK(5)
567R100	TSK response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
567R200	TSK response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
567R300	TSK response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
567R600	TSK response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
567RF00	TSK Feed Motor response timeout in Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
567RP00	TSK PP response timeout in Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
567RT00	TSK Stopper response timeout in Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
567S200	TSK Receive undefined command in Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
567SR00	TSK Sub Task for Wait Setting Error in Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
568HA01	GS801A Sensor Error during Withdrawal Ready	1. Check GS801A2. Operate to initialize BRM(Recovery)
568HA02	GS801B Sensor Error during Withdrawal Ready	1. Check GS801B2. Operate to initialize BRM(Recovery)
568HA03	GS801A, GS801B Sensor Error during Withdrawal Ready	1. Check GS801A, GS801B2. Operate to initialize BRM(Recovery)
568HA04	GS802A Sensor Error during Withdrawal Ready	1. Check GS802A2. Operate to initialize BRM(Recovery)
568HA05	GS801A, GS802A Sensor Error during Withdrawal Ready	1. Check GS801A, GS802A2. Operate to initialize BRM(Recovery)
568HA06	GS801B, GS802A Sensor Error during Withdrawal Ready	1. Check GS801B, GS802A2. Operate to initialize BRM(Recovery)
568HA07	GS801A, GS801B, GS802A Sensor Error during Withdrawal Ready	1. Check GS801A, GS801B, GS802A2. Operate to initialize BRM(Recovery)
568HA08	GS802B Sensor Error during Withdrawal Ready	1. Check GS802B2. Operate to initialize BRM(Recovery)
568HA09	GS801A, GS802B Sensor Error during Withdrawal Ready	1. Check GS801A, GS802B2. Operate to initialize BRM(Recovery)
568HA10	GS801B, GS802B Sensor Error during Withdrawal Ready	1. Check GS801B, GS802B2. Operate to initialize BRM(Recovery)
568HA11	GS801A, GS801B, GS802B Sensor Error during Withdrawal Ready	1. Check GS801A, GS801B, GS802B2. Operate to initialize BRM(Recovery)
568HA12	GS802A, GS802B Sensor Error during Withdrawal Ready	1. Check GS802A, GS802B2. Operate to initialize BRM(Recovery)
568HA13	GS801A, GS802A, GS802B Sensor Error during Withdrawal Ready	1. Check GS801A, GS802A, GS802B2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
568HA14	GS801B, GS802A, GS802B Sensor Error during Withdrawal Ready	1. Check GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
568HA15	GS801A, GS801B, GS802A, GS802B Sensor Error during Withdrawal Ready	1. Check GS801A, GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
568HB01	MR Sensor Level Error during Withdrawal Ready	1. Check MR Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
568HC02	UV_01 Sensor Level Error during Withdrawal Ready	1. Check UV Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
568HF03	CIS Shading data loading Fail during Withdrawal Ready	1. Operate shading in the BC CIS2. Operate to initialize BRM(Recovery)
568HF04	Detection DB Table loading Fail during Withdrawal Ready	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
568HF05	BC FPGA Data checksum Fail during Withdrawal Ready	1. Check to BC FPGA File2. Operate to initialize BRM(Recovery)
568HF06	BC FPGA Configuration Fail during Withdrawal Ready	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
568HF07	BC FPGA Header Information Loading Fail during Withdrawal Ready	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
568HF08	BC FPGA Initialize Fail during Withdrawal Ready	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
568HF09	BC FPGA VERSION Fail during Withdrawal Ready	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
568HF11	Detection DB #01 loading Fail during Withdrawal Ready	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
568HF12	Detection DB #02 loading Fail during Withdrawal Ready	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
568HF13	Detection DB #03 loading Fail during Withdrawal Ready	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
568HF14	Detection DB #04 loading Fail during Withdrawal Ready	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
568HF15	Detection DB #05 loading Fail during Withdrawal Ready	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
568HF16	Detection DB #06 loading Fail during Withdrawal Ready	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
568HF17	Detection DB #07 loading Fail during Withdrawal Ready	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
568HF18	Detection DB #08 loading Fail during Withdrawal Ready	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
568HF19	Detection DB #09 loading Fail during Withdrawal Ready	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
568HF20	Detection DB #10 loading Fail during Withdrawal Ready	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
568HG01	Mode Set Error When Receive BC MODE Command (Mode Value is not 1 or 2 ) during Withdrawal Ready	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
568HG02	Detection Level Set Error When Receive BC MODE Command (Detection Level Value is 0 ) during Withdrawal Ready	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
568HG03	BC Transaction Ready Fail When Receive BC READY Command during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
568HG04	Mode Set Error When Receive BC READY Command (Mode Value is not 1 or 2 ) during Withdrawal Ready	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
568HG05	Detection Level Set Error When Receive BC READY Command (Detection Level Value is 0 ) during Withdrawal Ready	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
568HG06	BC Entry Direction Set Error When Receive BC READY Command (Not Deposit/Withdrawal/Stack Direction ) during Withdrawal Ready	1. Check BC putting direction.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
568HG07	Receive BC Unknown Command during Withdrawal Ready	1. Check BC reception full command.1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization.
568HG08	The Number of Nations Set Error When Receive BC DATA WRITE Command (Over 0, 10) during Withdrawal Ready	1. Check the number of supported country.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
568HG09	Nation Code Set Error When Receive BC DATA WRITE Command during Withdrawal Ready	1. Check the supported country code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
568HG10	Detection DB of the Nation is not exist When Receive BC DATA WRITE Command during Withdrawal Ready	1. Check the BC recognition DB of country.2. Download DB again after deleting all recognition DB3. Operate to initialize BRM(Recovery)4. Reboot the system when same error occurred after initialization.
568HG11	No Nation Code When Receive BC READY Command during Withdrawal Ready	1. Check the country setting value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
568HG12	BC Version Value Set Error When Receive BC DATA WRITE Command (Not BC FPGA) during Withdrawal Ready	1. Check the BC specifications devision and BC FPGA specifications.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initializatio
568HG20	Fail to Initialize CIS When Receive BC READY Command during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Check CIS part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
568HG21	Fail to ENCODER POWER ON When Receive BC READY Command during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
568HG22	Fail to adjust DD Sensor DAC When Receive BC READY Command during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Check whether the sensor is contaminated or not if same error occurs after Initialize3. Reboot the system when same error occurs even though there is no substance.

Problem Code	Problem Description	Troubleshooting
568HG23	DD Sensor DAC Set Error When Receive BC READY Command during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Check DD sensor part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
568HG24	ENCODER Mode Set Error When Receive BC READY Command during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance
568HG30	Counterfeit Note List CRC Error When Receive BC SERIAL NO Command during Withdrawal Ready	1. Check the forged notes list CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
568HG31	Not Receive The Number of Counterfeit Note Lists and CRC When Receive BC SERIAL NO Command during Withdrawal Ready	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
568HG32	Over The Number of Counterfeit Note Lists When Receive BC SERIAL NO Command (Over 200) during Withdrawal Ready	1. Check the whole number of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
568HG33	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Nation Code 0) during Withdrawal Ready	1. Check the country code of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
568HG34	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Length Over 2~29) during Withdrawal Ready	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
568HG36	Note Number Detection Mode Set Error When Receive BC MODE Command (Mode Value is Not 0, 1, 2) during Withdrawal Ready	1. Check to the recognized mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
568HG37	Transaction Classification Set Error When Receive BC MODE Command (Classification Value is Not 0, 1, 2) during Withdrawal Ready	1. Check to the transaction setting.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
568HG38	Counterfeit Note List Search Classification Set Error When Receive BC SERIAL NO Command 위조지폐 목록 검색 구분 설정 오류 (Classification Value is Not 1, 2, 3 ) during Withdrawal Ready	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
568HG39	Counterfeit Note List Note Number Set Error When Receive BC SERIAL NO Command (Use '*' When Search Note Number Part) during Withdrawal Ready	1. Check the forged notes list's note numbers.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
568HG3A	BC MODE SET Bill Management Level Set Error (Over 1~5) during Withdrawal Ready	1. Check check management mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
568HG3B	Over The Number of BC MODE SET Back Codes (Over 15) during Withdrawal Ready	1. Check the number of check issued by our bank code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
568HG40	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use End Number at First When Search Note Number Part) during Withdrawal Ready	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
568HG41	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use Start Number at Last When Search Note Number Part) during Withdrawal Ready	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
568HG42	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Wrong Start/End Number Order When Search Note Number Part) during Withdrawal Ready	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
568HG43	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Use Wrong Length Value When Search Note Number Part) during Withdrawal Ready	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
568HG44	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Use Wrong Nation Code When Search Note Number Part) during Withdrawal Ready	1. Check the forged notes list's country-code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
568HG45	Not Receive The Number of Bill Number Tables and CRC When Receive Check No Write Command during Withdrawal Ready	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
568HG46	Bill Number Error When Receive Check No Write Command during Withdrawal Ready	1. Check the check number when registering check number.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
568HG47	Bill Number Table Length Set Error When Receive Check No Write Command (Length Over 0~50) during Withdrawal Ready	1. Check check number table's length.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
568HG48	Bill Number Table CRC Error When Receive Check No Write Command during Withdrawal Ready	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
568HG49	Over The Number of Bill Number Tables When Receive Check No Write Command (Over 5) during Withdrawal Ready	1. Check check total number of tables.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
568HH01	Fail to Delete NAND FLASH during Withdrawal Ready	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
568HH02	NAND FLASH Delete BLOCK Set Error When Download Detection DB during Withdrawal Ready	1. Download DB again after checking recognition DB's delete index.2. Operate to initialize BRM(Recovery)
568HH03	Fail to Download Detection DB during Withdrawal Ready	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
568HH04	NAND FLASH Download BLOCK Set Error When Download Detection DB during Withdrawal Ready	1. Download DB again after checking recognition DB's index.2. Operate to initialize BRM(Recovery)
568HH05	Detection DB Download File Check Error during Withdrawal Ready	1. Download DB again after checking recognition DB file.2. Operate to initialize BRM(Recovery)
568HH06	Detection DB Download File Size Error during Withdrawal Ready	1. Download DB again after checking recognition DB download file.2. Operate to initialize BRM(Recovery)
568HH07	DB Table Save Error After Download Detection DB during Withdrawal Ready	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
568HH08	Over Detection DB Download (Over 10) during Withdrawal Ready	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
568HH09	Detection DB Header Information Error during Withdrawal Ready	1. Download DB again after deleting recognition DB.2. Operate to initialize BRM(Recovery)
568HH10	EP Download Fail during Withdrawal Ready	1. Re-download BC EP.2. Change the BC B/D if continuous error.
568HH11	EP Download Check Error during Withdrawal Ready	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
568HH12	EP Download File Size Error during Withdrawal Ready	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
568HH13	EP Download File ID Error (Not EPAP/EPBT/EPFP) during Withdrawal Ready	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
568HH14	BC FPGA Download Fail during Withdrawal Ready	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
568HH15	Header Information Save Error After BC FPGA Download during Withdrawal Ready	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
568HH16	Not Provide BC FPGA Download during Withdrawal Ready	1. Check BC FPGA VERSION.2. Change the BC B/D if continuous error.
568HH17	EEPROM READ/WRITE Error during Withdrawal Ready	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
568HH18	Receive Unit Serial Number Undefined Option during Withdrawal Ready	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
568HH19	Receive USB Undefined Command during Withdrawal Ready	1. Check USB Command from BC and retry the operation.2. Check BC version and Update EP3. Change the BC B/D if continuous error.
568HH20	No BC Process Note When Receive Image Upload Command during Withdrawal Ready	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
568HH21	FC1 Set Error When Receive Image Upload Command during Withdrawal Ready	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
568HH22	BC is Processing Note When Receive Image Upload Command during Withdrawal Ready	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
568HH23	FC2 Set Error When Receive Image Upload Command during Withdrawal Ready	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
568HH24	Not Provide Total Image Upload Function during Withdrawal Ready	1. Check if SP or TM is out of date.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
568HH25	Not Provide Note Number Detection Image Upload Function during Withdrawal Ready	1. Check BC image save mode.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
568HH26	FC2 Set Error When Receive Image Information Upload Command during Withdrawal Ready	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.

Problem Code	Problem Description	Troubleshooting
568HH27	BRM Transaction Mode is Not Same with Image Upload Command Mode during Withdrawal Ready	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
568HH28	BRM Transaction Mode is Not Same with Replenishment/Collect Cash Image Upload Command Mode during Withdrawal Ready	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
568HH29	No BC Process Note When Receive Replenishment/Collect Cash Image Upload Command during Withdrawal Ready	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
568HH2A	FC1 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Withdrawal Ready	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
568HH2B	BC is Processing Note When Receive Replenishment/Collect Cash Image Upload Command during Withdrawal Ready	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
568HH2C	FC2 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Withdrawal Ready	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
568HH2D	Not Provide Replenishment/Collect Cash Image Upload Function during Withdrawal Ready	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
568HH2E	Note Image Upload Index is Not Same When Receive Replenishment/Collect Cash Image Upload Command during Withdrawal Ready	1. Get BC log and image.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
568HI01	RecogTask Messeage Timeout Error during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
568HI02	ScanTask Messeage Timeout Error during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
568HI03	UartTask Messeage Timeout Error during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
568HI04	BcUsbTask Messeage Timeout Error during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
568HJ01	Algorithm Initialize Fail during Withdrawal Ready	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
568HJ02	Algorithm Ready Fail during Withdrawal Ready	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
568HJ03	Algorithm Information Set Error during Withdrawal Ready	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
568HK01	Table CRC Error When Set Poly-Note Withdrawal Information during Withdrawal Ready	1. Retry the operation

Problem Code	Problem Description	Troubleshooting
568HK02	CST Note Information Set Number Error When Set Poly-Note Withdrawal Information (n is 0 or over 256) during Withdrawal Ready	1. Check the number of CST Setting notes info
568HK03	Withdrawal Note Number Set Error When Set Poly-Note Withdrawal Information ( n is 0 or over 3000) during Withdrawal Ready	1. Check Withdrawal notes setting
568HK04	Note Information (Not CST Set Note) is Set in Withdrawal Note Information When Set Poly-Note Withdrawal Information during Withdrawal Ready	1. Check Withdrawal notes info
568HS01	FPGA Write Data Error When Initialize Scan Driver during Withdrawal Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
568HS02	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver during Withdrawal Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
568HS03	Fail to Set CIS Led On Value When Initialize Scan Driver during Withdrawal Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
568HS04	Fail to Set Source of Scan Light When Initialize Scan Driver during Withdrawal Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
568HS05	Not Process Shading When Initialize Scan Driver during Withdrawal Ready	1. Perform CiS Shading.2. Operate to initialize BRM(Recovery)
568HS08	Fail to Set DAC When Initialize Scan Driver during Withdrawal Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
568HS11	FPGA Write Data Error When BC Ready during Withdrawal Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
568HS12	Fail to Power On When BC Ready Sensor(MR/UV/DD/Encoder/Entry Sensor) during Withdrawal Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
568HS13	Fail to Set CIS Led On Value When BC Ready during Withdrawal Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
568HS14	Fail to Set Source of Scan Ligh When BC Ready during Withdrawal Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
568HS15	Not Process Shading When BC Ready during Withdrawal Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
568HS17	Fail to Set AFE Chip When BC Ready during Withdrawal Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
568HS18	Fail to Set DAC When BC Ready during Withdrawal Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
568HS19	MR/UV/DD Sampling Start Error When BC Ready during Withdrawal Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
568HS1A	Fail to Set 2-Notes DAC When BC Ready during Withdrawal Ready	1. Check whether double notes sensor is contaminate or not.2. Check whether double notes sensor is connected.3. Retry the operation.4. Change the BC if continuous error.
568HS1B	2-Notes to 1-Note Adjust Information Error When BC Ready during Withdrawal Ready	1. Perform calibration info about double notes or one note.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
568HS22	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver When Stop BC during Withdrawal Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
568HS28	Fail to Set DAC When Stop BC during Withdrawal Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
568HS29	MR/UV/DD Sampling Stop Error When Stop BC during Withdrawal Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
568HS31	BC Ready Fail When Process CIS Shading – Use in Plant during Withdrawal Ready	1. Perform calibration info about double notes or one note and double notes DAC2. Retry the operation
568HS32	Dark Adjust Fail When Process CIS Shading – Use in Plant during Withdrawal Ready	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Change CIS and Cable5. Change BC
568HS33	Over Target Gap When Process CIS Shading Shading – Use in Plant during Withdrawal Ready	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
568HS34	Fail to Write Result Value Flash When Process CIS Shading – Use in Plant during Withdrawal Ready	1. Retry the operation2. Change BC
568HS35	BC Stop Fail When Process CIS Shading – Use in Plant during Withdrawal Ready	1. Retry the operation2. Change BC
568HS36	Over 10Pixel-Excess-Image When Process CIS Shading during Withdrawal Ready	1. Retry the operation2. Check CIS note quility and setting status3. Check CIS Connection Status4. Change BC
568HS37	Dark Shading Result Value is Standard Over When Process CIS Shading during Withdrawal Ready	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Retry the operation5. Change BC
568HS38	Max Ontime Ove When Process CIS Shadingr – Use in Plant during Withdrawal Ready	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
568HS39	Fail to Set Source of Shading Light When Process CIS Shading – Use in Plant during Withdrawal Ready	1. Retry the operation2. Change BC
568HS41	Fail to Adjust 2-Notes DAC (Less Than MIN) – Use in Plant during Withdrawal Ready	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the opeartion4. Change BC
568HS42	Fail to Adjust 2-Notes DAC (Over MAX) – Use in Plant during Withdrawal Ready	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the opeartion4. Change BC
568HS43	2-Notes Adjust Flash Write Fail – Use in Plant during Withdrawal Ready	1. Retry the operation2. Change BC
568R100	BC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
568R200	BC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
568R300	BC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
568R600	BC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
568S100	BCU response MI error during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
568S200	BCU response BCC error during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
568S300	BCU response Sub MI error during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
568S400	BCU response Parameter error during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
568S900	BCU response Timeout Error during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
56A2100	Error occurred by notes remained in GS801 during Withdrawal Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
56A2200	Error occurred by notes remained in GS002 during Withdrawal Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
56A2300	Error occurred by notes remained in GS003 during Withdrawal Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
56A2400	Error occurred by notes remained in GS004 during Withdrawal Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
56A2500	Error occurred by notes remained in GS005 during Withdrawal Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
56A2600	Error occurred by notes remained in GS006 during Withdrawal Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
56A2700	Error occurred by notes remained in GS014 during Withdrawal Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
56A2800	Error occurred by notes remained in GS018 during Withdrawal Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
56A2900	Error occurred by notes remained in GS020 during Withdrawal Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
56A2A00	Error occurred by notes remained in GS021 during Withdrawal Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
56A2C00	Error occurred by notes remained in GS030 during Withdrawal Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
56A2E00	Error occurred by notes remained in GS001 during Withdrawal Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
56A2H00	Error occurred by notes remained in GS618 during Withdrawal Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
56A2J00	Error occurred by notes remained in GS619 during Withdrawal Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
56A2K00	Error occurred by notes remained in GS701,702 during Withdrawal Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
56A2M00	Error occurred by notes remained in GSA01 during Withdrawal Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
56A2N00	Error occurred by notes remained in GSA02 during Withdrawal Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
56A2P00	Error occurred by notes remained in GSA03 during Withdrawal Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
56A2Q00	Error occurred by notes remained in GSD01 during Withdrawal Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
56A2W00	Error occurred by notes remained in GS802 during Withdrawal Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
56AA100	UTC open Error before operation Withdrawal Ready	1. Open the upper unit. 2. Check the UTC removal and reinstallation
56AA200	TSK open Error before operation Withdrawal Ready	1. Open the upper unit. 2. Check the TSK open and close
56AA300	BMU Inter Lock Error before operation Withdrawal Ready	1. Check BMU open and close
56AA400	BMU open Error before operation Withdrawal Ready	1. Check BMU open and close
56AA500	Replenishment CST open Error before operation Withdrawal Ready	1. Check the Transit CST installation
56AA600	CSM open Error before operation Withdrawal Ready	1. Open the upper unit. 2. Check CSM Open/Close
56AA800	BMD Inter Lock Error before operation Withdrawal Ready	1. Open the lower unit. 2. Check the BMD open and close
56AA900	BMD open Error before operation Withdrawal Ready	1. Open the lower unit. 2. Check the BMD open and close
56AAA00	BC Open Error before operation Withdrawal Ready	1. Open the upper unit. 2. Check BC Open/Close
56AAB00	RC Full Error before operation Withdrawal Ready	1. Open the lower unit. 2. Check RC Full and remove notes
56AAC00	RJC Full Error before operation Withdrawal Ready	1. Open the upper unit. 2. Check RJC Full and remove notes
56AAD00	UTC Full Error before operation Withdrawal Ready	1. Open the upper unit. 2. Remove UTC and open the UTC Door3. Remove notes and reinstallation UTC
56AAE00	RTC Full Error before operation Withdrawal Ready	1. Open the lower unit. 2. Remove RT/RJC and open the Door3. Remove notes and reinstall RT/RJC
56AAF00	RC Empty Error before operation Withdrawal Ready	1. Open the lower unit. 2. Remove RC and open the RC Door, Check the Empty Status3. Reinstall the RC

Problem Code	Problem Description	Troubleshooting
56AAG00	Suspected note RC open Error before operation Withdrawal Ready	1. Open the lower unit. 2. Check the RC removal and reinstall
56AE100	Received operation command without Initial Info Set during Withdrawal Ready	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
56AE200	Status on not operation reception command during Withdrawal Ready	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
56AE300	Received operation command without System Info Read during Withdrawal Ready	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
56AE400	Transaction was executed without Initializing after power on during Withdrawal Ready	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
56AEE00	RBU RS485 communication sequence disorder during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
56AEF00	RBU RS485 connection line disorder during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
56AEL00	RBU communication was not ready after power on during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
56AH600	Failure to check clearing NVRAM during Withdrawal Ready	1. Operate to initialize BRM(Recovery)
56AR100	Message timeout error during operation ready during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
56AR200	Message timeout error during transation operation during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
56AR300	Message timeout error during error postprocessing during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
56AR800	RBU/BC sensor auto dimming response message timeout error during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
56ARC00	BC response message timeout error during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
56ARJ00	Message timeout error during Stop Ready during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
56BR000	RBU Response Timeout during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
56BR700	RBU Response Message Timeout during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
56BS100	RBU RS-232 Seq Num Echo Error during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
56BS200	RBU RS-232 MI Echo Error during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
56BSS00	RBU Auto Calibration Command Parameter Error during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
56CG100	RC6 Failure of returning notes (GSC01,GSC02 Sensors detect no notes) during Withdrawal Ready	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
56CG200	RC6 Failure to move PP to stack position during Withdrawal Ready	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(8). 4. Open the recycle cassette door(8).5. Check cassette status to move stage up and down.
56CG400	RC6 Failure to upward moving of PP during RC6 stack roller retreat movement during Withdrawal Ready	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(8). 4. Open the recycle cassette door(8).5. Check cassette status to move stage up and down.
56CG500	RC6 Failure to stack roller retreat (GSC13 Sensor no change) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
56CG600	RC6 Stack Roller retreat position disorder during RC Separation during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
56CG700	RC6 RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GSC07) no change) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
56CG800	RC6 Failure to move PP to press position (GSC08 Sensor Dark Fail) during Withdrawal Ready	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(8).4. Check the stage status after open the recycle cassette(8).5. Check the upper side of the recycle cassette
56CGA00	RC6 RC Solenoid Echo error during Withdrawal Ready	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8) and reload.4. Replace the cassette when same error occurs.
56CGB00	RC6 Feed Roller homeposition Sensor(GSC07) Light detect fail during RC Stack during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
56CGC00	RC6 Feed Roller homeposition Sensor(GSC07) Dark detect fail during RC Stack during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
56CGD00	RC6 GSC01,GSC02 Detect notes during move RC Feed Roller to homeposition during Withdrawal Ready	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
56CGE00	RC6 GSC08 detect dark before move RC Feed Roller to homeposition during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
56CFG00	RC6 Notes Setting error during initialize (GSC14, Bottom Sensor(GSC12) both dark) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
56CGG00	RC6 Stack Roller Sensor(GSC13) detect light during RC FM Stack during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
56CGH00	RC6 Stack Roller Sensor(GSC13) detect dark during RC FM Stack during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
56CGJ00	RC6 RC Stack Roller retreat fail (Motor Overrun) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
56CGK00	RC6 RC Stack Roller retreat fail (Motor speed error) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
56CGL00	RC6 RC Feed Roller homeposition fail (Motor speed error) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
56CGQ00	RJC Press and Stack position fail during Withdrawal Ready	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
56CGR00	RJC Stack position fail during Withdrawal Ready	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
56CGS00	RC6 RJC Press position fail during Withdrawal Ready	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette

Problem Code	Problem Description	Troubleshooting
56CGT00	RC6 GSC51 fail to detect dark when PP moves down during RJC PP Stack during Withdrawal Ready	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
56CGU00	RC6 GSC51 fail to detect light when PP moves down during RJC PP Stack during Withdrawal Ready	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
56CGV00	RC6 GSC52 fail to detect dark when PP moves down during RJC PP Stack during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
56CGW00	RC6 GSC51 fail to detect light when PP moves down during RJC initialize during Withdrawal Ready	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
56CGX00	RC6 GSC01 detects notes during RJC intialize during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
56CJ100	RC6 RJC Full during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
56CJ200	RC6 RC No Residue during Withdrawal Ready	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(8).4. Check the notes remain after open the recycle cassette door(8)5. Fill up the Notes if there are no notes
56CJ300	RC6 Full,Bottom no detect before move RC PP to stack position during Withdrawal Ready	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(8).4. Check the stage status after open the recycle cassette(8).5. Check contamination of GS111/GS112 sensor.
56CK100	RC6 separation request notes is 0 during Withdrawal Ready	1. Operate to initialize BRM.(Recovery)
56CNL00	RC6 Requested notes is more than Residue notes,separation stop during Withdrawal Ready	1. Check RC6 actual count and SPL screen count.2. Setting RC6 count match actual count.3. Operate to initialize BRM(Recovery)
56CR100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
56CR200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
56CR300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
56CR600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
56CRF00	RC6 Feed Motor response timeout during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
56CRP00	RC6 PP response timeout during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
56CS200	RC6 Receive undefined command during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
56CS300	RC6 Task not for separation receive separation command during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
56CSA00	RC6 Sub Task receive undefined command during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
56CSR00	RC6 Sub Task for Wait Setting Error during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
56EG100	CST Failure of returning notes (GS901,GS902 Sensors detect no notes) during Withdrawal Ready	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
56EG200	CST Failure to move PP to stack position during Withdrawal Ready	1. Remove the transit cassette.2. Open the cassette door.3. Check the stage status.
56EG400	CST Failure to upward moving of PP during RC stack roller retreat movement during Withdrawal Ready	1. Remove the transit cassette.2. Open the cassette door.3. Check the stage status.
56EG500	CST Failure to stack roller retreat (GS913 Sensor no change) during Withdrawal Ready	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
56EG600	CST Stack Roller retreat position disorder during RC Separation during Withdrawal Ready	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
56EG700	CST RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS907) no change) during Withdrawal Ready	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
56EG800	CST Failure to move PP to press position (GS908 Sensor Dark Fail) during Withdrawal Ready	1. Remove the transit cassette.2. Check the stage status after open the cassette.3. Check the upper side of the cassette
56EGA00	CST RC Solenoid Echo error during Withdrawal Ready	1. Reload the transit cassette after removing the cassette.2. Change the cassette when same error occur.
56EGB00	CST Feed Roller homeposition Sensor(GS907) Light detect fail during RC Stack during Withdrawal Ready	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
56EGC00	CST Feed Roller homeposition Sensor(GS907) Dark detect fail during RC Stack during Withdrawal Ready	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
56EGD00	CST GS901,GS902 Detect notes during move RC Feed Roller to homeposition during Withdrawal Ready	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
56EGE00	CST GS908 detect dark before move RC Feed Roller to homeposition during Withdrawal Ready	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note.
56EGF00	CST Notes Setting error during initialize (GS914, Bottom Sensor(GS912) both dark) during Withdrawal Ready	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note.
56EGG00	CST Stack Roller Sensor(GS913) detect light during RC FM Stack during Withdrawal Ready	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
56EGH00	CST Stack Roller Sensor(GS913) detect dark during RC FM Stack during Withdrawal Ready	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
56EGJ00	CST RC Stack Roller retreat fail (Motor Overrun) during Withdrawal Ready	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
56EGK00	CST RC Stack Roller retreat fail (Motor speed error) during Withdrawal Ready	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
56EGL00	CST RC Feed Roller homeposition fail (Motor speed error) during Withdrawal Ready	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
56EJ200	CST No Residue during Withdrawal Ready	1. Remove the transit cassette.2. Check the notes remain after open the cassette door.3. Fill up the Notes if there are no notes
56EJ300	CST Full,Bottom no detect before move RC PP to stack position during Withdrawal Ready	1. Remove the transit cassette.2. Check the stage status after open the cassette.3. Check the upper side of the cassette
56EK100	CST separation request notes is 0 during Withdrawal Ready	1. Operate to initialize BRM.(Recovery)
56ENL00	CST Requested notes is more than Residue notes,separation stop during Withdrawal Ready	1. Check CST actual count and SPL screen count.2. Setting CST count match actual count.3. Operate to initialize BRM(Recovery)
56ER100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
56ER200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
56ER300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
56ER600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
56ERF00	CST Feed Motor response timeout during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
56ERP00	CST PP response timeout during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
56ES200	CST Receive undefined command during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
56ES300	CST RC Task not for separation receive separation command during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
56ESA00	CST RC Sub Task receive undefined command during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
56ESR00	CST Sub Task for Wait Setting Error during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
56FG100	RC7 Failure of returning notes (GSF01, GSF02 Sensors detect no notes) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
56FG200	RC7 Failure to move PP to stack position during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (A)4. Open the recycle cassette door(A) 5. Check cassette status to move stage up and down
56FG400	RC7 Failure to upward moving of PP during RC7 stack roller retreat movement during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (A)4. Open the recycle cassette door(A) 5. Check cassette status to move stage up and down
56FG500	RC7 Failure to stack roller retreat (GS113 Sensor no change) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
56FG600	RC7 Stack Roller retreat position disorder during RC Separation during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
56FG700	RC7 Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GSF07) no change) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
56FG800	RC7 Failure to move PP to press position (GSF08 Sensor Dark Fail) during Withdrawal Ready	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(F).4. Check the stage status after open the recycle cassette(F).5. Check the upper side of the recycle cassette
56FGA00	RC7 Solenoid Echo error during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F) and reload4. Replace the cassette when same error occurs
56FGB00	RC7 Feed Roller homeposition Sensor(GSF07) Light detect fail during RC Stack during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
56FGC00	RC7 Feed Roller homeposition Sensor(GSF07) Dark detect fail during RC Stack during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
56FGD00	RC7 GSF01,GSF02 Detect notes during move RC Feed Roller to homeposition during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
56FGE00	RC7 GSF08 detect dark before move RC Feed Roller to homeposition during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note.
56FGF00	RC7 Notes Setting error during initialize (GSF14, Bottom Sensor(GSF12) both dark) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note.
56FGG00	RC7 Stack Roller Sensor(GS113) detect light during RC FM Stack during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
56FGH00	RC7 Stack Roller Sensor(GS113) detect dark during RC FM Stack during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
56FGJ00	RC7 Stack Roller retreat fail (Motor Overrun) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
56FGK00	RC7 Stack Roller retreat fail (Motor speed error) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
56FGL00	RC7 Feed Roller homeposition fail (Motor speed error) during Withdrawal Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
56FJ200	RC7 No Residue during Withdrawal Ready	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(F).4. Check the notes remain after open the recycle cassette door(A)5. Fill up the Notes if there are no notes
56FJ300	Full,Bottom no detect before move RC7 PP to stack position during Withdrawal Ready	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(F).4. Check the stage status after open the recycle cassette(F).5. Check contamination of GSF11/GSF12 sensor.
56FK100	RC7 separation request notes is 0 during Withdrawal Ready	1. Operate to initialize BRM.(Recovery)
56FNL00	RC7 Requested notes is more than Residue notes,separation stop during Withdrawal Ready	1. Check RC7 actual count and SPL screen count.2. Setting RC7 count match actual count.3. Operate to initialize BRM(Recovery)
56FRF00	RC7 Feed Motor response timeout during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
56FRP00	RC7 PP response timeout during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
56FS200	RC7 Receive undefined command during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
56FS300	RC7 Task not for sepratation receive separation command during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
56FSA00	RC7 Sub Task receive undefined command during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
56FSR00	RC7 Sub Task for Wait Setting Error during Withdrawal Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
56US100	USB Bulk Sequence Error during Withdrawal Ready.	1. Restart over AP-SP
56US300	USB Bulk Received Length Error during Withdrawal Ready.	1. Reboot the system
56US400	Message transmission Error from USB to Main Task during Withdrawal Ready.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
56US500	Message reception Error from MainTask to USB during Withdrawal Ready.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
56USCMD	Bulk command data check error during Withdrawal Ready. (USB communication failure)	1. Restart over AP-SP

Problem Code	Problem Description	Troubleshooting
56USCRC	CRC data check error during Withdrawal Ready. (USB communication failure)	1. Restart over AP-SP
56USLEN	Bulk length error during Withdrawal Ready. (USB communication failure)	1. Restart over AP-SP
5700100	GS801 Light Jam error during Withdrawal	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5700200	GS002 Light Jam error during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5700300	GS003 Light Jam error during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5700400	GS004 Light Jam error during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5700500	GS005 Light Jam error during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5700600	GS006 Light Jam error during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5700700	GS014 Light Jam error during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5700800	GS018 Light Jam error during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5700900	GS020 Light Jam error during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5700A00	GS021 Light Jam error during Withdrawal	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5700C00	GS030 Light Jam error during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5700E00	GS001 Light Jam error during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5700H00	GS618 Light Jam error during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5700J00	GS619 Light Jam error during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5700M00	GSA01 Light Jam error during Withdrawal	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5700N00	GSA02 Light Jam error during Withdrawal	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5700P00	GSA03 Light Jam error during Withdrawal	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5700Q00	GSD01 Light Jam error during Withdrawal	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5700W00	GS802 Light Jam error during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5701100	GS801 Dark Jam error during Withdrawal	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5701200	GS002 Dark Jam error during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5701300	GS003 Dark Jam error during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5701400	GS004 Dark Jam error during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5701500	GS005 Dark Jam error during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5701600	GS006 Dark Jam error during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5701700	GS014 Dark Jam error during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5701800	GS018 Dark Jam error during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5701900	GS020 Dark Jam error during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5701A00	GS021 Dark Jam error during Withdrawal	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5701C00	GS030 Dark Jam error during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5701E00	GS001 Dark Jam error during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5701H00	GS618 Dark Jam error during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5701J00	GS619 Dark Jam error during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5701M00	GSA01 Dark Jam error during Withdrawal	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5701N00	GSA02 Dark Jam error during Withdrawal	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5701P00	GSA03 Dark Jam error during Withdrawal	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5701Q00	GSD01 Dark Jam error during Withdrawal	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5701W00	GS802 Dark Jam error during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5702100	Error occurred by notes remained in GS801 during Withdrawal	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5702200	Error occurred by notes remained in GS002 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5702300	Error occurred by notes remained in GS003 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5702400	Error occurred by notes remained in GS004 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5702500	Error occurred by notes remained in GS005 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5702600	Error occurred by notes remained in GS006 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5702700	Error occurred by notes remained in GS014 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5702800	Error occurred by notes remained in GS018 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5702900	Error occurred by notes remained in GS020 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5702A00	Error occurred by notes remained in GS021 during Withdrawal	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5702C00	Error occurred by notes remained in GS030 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5702E00	Error occurred by notes remained in GS001 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5702H00	Error occurred by notes remained in GS618 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5702J00	Error occurred by notes remained in GS619 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5702M00	Error occurred by notes remained in GSA01 during Withdrawal	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5702N00	Error occurred by notes remained in GSA02 during Withdrawal	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5702P00	Error occurred by notes remained in GSA03 during Withdrawal	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5702Q00	Error occurred by notes remained in GSD01 during Withdrawal	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5702W00	Error occurred by notes remained in GS802 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5705100	GS801 Path error on transport path during Withdrawal	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5705200	GS002 Path error on transport path during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5705300	GS003 Path error on transport path during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5705400	GS004 Path error on transport path during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5705500	GS005 Path error on transport path during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5705600	GS006 Path error on transport path during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5705700	GS014 Path error on transport path during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5705800	GS018 Path error on transport path during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5705900	GS020 Path error on transport path during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5705A00	GS021 Path error on transport path during Withdrawal	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5705C00	GS030 Path error on transport path during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5705E00	GS001 Path error on transport path during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5705H00	GS618 Path error on transport path during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5705J00	GS619 Path error on transport path during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5705M00	GSA01 Path error on transport path during Withdrawal	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5705N00	GSA02 Path error on transport path during Withdrawal	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5705P00	GSA03 Path error on transport path during Withdrawal	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5705Q00	GSD01 Path error on transport path during Withdrawal	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5705W00	GS802 Path error on transport path during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5706100	GS801 Path error on sensor except for transport path during Withdrawal	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5706200	GS002 Path error on sensor except for transport path during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5706300	GS003 Path error on sensor except for transport path during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5706400	GS004 Path error on sensor except for transport path during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5706500	GS005 Path error on sensor except for transport path during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5706600	GS006 Path error on sensor except for transport path during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5706700	GS014 Path error on sensor except for transport path during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5706800	GS018 Path error on sensor except for transport path during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5706900	GS020 Path error on sensor except for transport path during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5706A00	GS021 Path error on sensor except for transport path during Withdrawal	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5706C00	GS030 Path error on sensor except for transport path during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5706E00	GS001 Path error on sensor except for transport path during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5706H00	GS618 Path error on sensor except for transport path during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5706J00	GS619 Path error on sensor except for transport path during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5706M00	GSA01 Path error on sensor except for transport path during Withdrawal	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5706N00	GSA02 Path error on sensor except for transport path during Withdrawal	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5706P00	GSA03 Path error on sensor except for transport path during Withdrawal	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5706Q00	GSD01 Path error on sensor except for transport path during Withdrawal	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5706W00	GS802 Path error on sensor except for transport path during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5707100	Error occurred by the notes disorder in GS801 during Withdrawal	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5707200	Error occurred by the notes disorder in GS002 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5707300	Error occurred by the notes disorder in GS003 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5707400	Error occurred by the notes disorder in GS004 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5707500	Error occurred by the notes disorder in GS005 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5707600	Error occurred by the notes disorder in GS006 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5707700	Error occurred by the notes disorder in GS014 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5707800	Error occurred by the notes disorder in GS018 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5707900	Error occurred by the notes disorder in GS020 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5707A00	Error occurred by the notes disorder in GS021 during Withdrawal	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5707C00	Error occurred by the notes disorder in GS030 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5707E00	Error occurred by the notes disorder in GS001 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5707H00	Error occurred by the notes disorder in GS618 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5707J00	Error occurred by the notes disorder in GS619 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5707M00	Error occurred by the notes disorder in GSA01 during Withdrawal	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5707N00	Error occurred by the notes disorder in GSA02 during Withdrawal	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5707P00	Error occurred by the notes disorder in GSA03 during Withdrawal	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5707Q00	Error occurred by the notes disorder in GSD01 during Withdrawal	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5707W00	Error occurred by the notes disorder in GS802 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
570D100	Reject excess error (continue Reject error) during Withdrawal	1. Check the Rejected denomination during withdrawal(Including denomination which did not set up in the cassette)
570D200	Reject excess error (notes excess error) during Withdrawal	1. Check the Rejected denomination during withdrawal(Including denomination which did not set up in the cassette)
570D300	Reject excess error (Unappointed notes error) during Withdrawal	1. Check the Rejected denomination during withdrawal(Including denomination which did not set up in the cassette)
570D400	Reject excess error (Cassette note error) during Withdrawal	1. Check the Rejected denomination during withdrawal(Including denomination which did not set up in the cassette)
570D500	Reject excess error (2notes) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
570D600	Reject excess error (Gap error(1note)) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
570D700	Reject excess error (Gap error(2notes)) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution

Problem Code	Problem Description	Troubleshooting
570D800	Reject excess error (skew error) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
570D900	Reject excess error (shift error) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
570DA00	Reject excess error (Max length error(1note)) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
570DB00	Reject excess error (Max length error(2notes)) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
570DC00	Reject excess error (Max length error(3notes)) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
570DD00	Reject excess error (Max length error(4notes)) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
570DE00	Reject excess error (Min length error(1note)) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
570DF00	Reject excess error (Min length error(2notes)) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
570DG00	Reject excess error (note error) during Withdrawal	1. Check the Rejected denomination during withdrawal(Including denomination which did not set up in the cassette)
570DH00	Reject excess error (MR error) during Withdrawal	1. Check the Rejected Notes during withdrawal(Failure to Notes recognition)
570DJ00	Reject excess error (IR error) during Withdrawal	1. Check the Rejected Notes during withdrawal(Failure to Notes recognition)
570DK00	Reject excess error (Edge error) during Withdrawal	1. Check the Rejected Notes during withdrawal(Failure to Notes recognition)
570DL00	Reject excess error (Image error) during Withdrawal	1. Check the Rejected Notes during withdrawal(Failure to Notes recognition)
570DM00	Reject excess error (UV error) during Withdrawal	1. Check the Rejected Notes during withdrawal(Failure to Notes recognition)
570DN00	Reject excess error (Sensor error) during Withdrawal	1. Operate to initialize BRM(Recovery)
570DO00	Deposit count disallowed notes reject excess error during Withdrawal	1. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
570DP00	Reject excess error (Communication error) during Withdrawal	1. Operate to initialize BRM(Recovery)
570DQ00	Reject excess error (Full & etc) during Withdrawal	1. Operate to initialize BRM(Recovery)
570DR00	Recognition Fail Error (Recognition test fail) during Withdrawal	1. Operate to initialize BRM(Recovery)
570DS00	Recognition Fail Error (No Recognition info) during Withdrawal	1. Operate to initialize BRM(Recovery)
570DT00	Recognition Fail Error (Only STX in Recognition info) during Withdrawal	1. Operate to initialize BRM(Recovery)
570DU00	Recognition Fail Error (Recognition info BCC NG) during Withdrawal	1. Operate to initialize BRM(Recovery)
570DV00	Recognition Fail Error (Recognition info MI NG) during Withdrawal	1. Operate to initialize BRM(Recovery)
570DW00	Recognition Fail Error (Recognition info Index Fail) during Withdrawal	1. Operate to initialize BRM(Recovery)
570DX00	Recognition Fail Error (Info BC Pass Info) during Withdrawal	1. Operate to initialize BRM(Recovery)
570DY00	Recognition Fail Error (Serial Number Data Format error) during Withdrawal	1. Operate to initialize BRM(Recovery)
570F100	GM001 motor doesn't operate at a constant speed when the motor works during Withdrawal	1. Open the upper unit2. Check the Front Transport Path(2) gear rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Check GS804 Sensor Dark/Light Status and Initialize
570F200	GM002 motor doesn't operate at a constant speed when the motor works during Withdrawal	1. Open the upper unit2. Check the TOP Transport(4) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
570F400	GM004 motor doesn't operate at a constant speed when the motor works during Withdrawal	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
570F600	GM006 motor doesn't operate at a constant speed when the motor works during Withdrawal	1. Open the upper unit2. Check the customer service module (CSM 1-1, 1-2) gear and knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
570F700	GM007 motor doesn't operate at a constant speed when the motor works during Withdrawal	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
570F900	GM009 motor doesn't operate at a constant speed when the motor works during Withdrawal	1. Open the Transit Transport, related system point 2. Check the Transit Transport gear, knob rotates softly 3. Check GS019 Sensor Dark/Light Status and Initialize4. Check remained Notes and substance in the Transit Transport5. Initialize
570FA00	GM001 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Withdrawal	1. Open the upper unit2. Check the Front Transport Path(2) gear rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Check GS804 Sensor Dark/Light Status and Initialize

Problem Code	Problem Description	Troubleshooting
570FB00	GM002 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Withdrawal	1. Open the upper unit2. Check the TOP Transport(4) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
570FC00	GM004 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Withdrawal	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
570FD00	GM006 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Withdrawal	1. Open the upper unit2. Check the customer service module (CSM 1-1, 1-2) gear and knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
570FE00	GM007 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Withdrawal	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check GS017 Sensor Dark/Light Status4. Check remained Notes and substance in the upper Transport Path5. Initialize
570FF00	GM009 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Withdrawal	1. Open the Transit Transport, related system point 2. Check the Transit Transport gear, knob rotates softly 3. Check GS019 Sensor Dark/Light Status4. Check remained Notes and substance in the Transit Transport5. Initialize
570FY00	Fail to Start BM Low Speed Control during Withdrawal (Motor Encoder Error)	1. Open the lower, upper unit2. Check remained Notes and substance in the upper, lower Transport Path3. Check motor encoder sensors4. Initialize
570G100	Failure to 3Way Gate 0 degree mode conversion during Withdrawal	1. Open the upper unit2. Open the customer service module(1) and TOP Transport(4)3. Remove notes and substance in the Transport Path and 3way gate4. Check remained Notes and substance in the upper Transport Path5. Initialize
570G200	Failure to 3Way Gate 120 degree mode conversion during Withdrawal	1. Open the upper unit2. Open the customer service module(1) and TOP Transport(4)3. Remove notes and substance in the Transport Path and 3way gate4. Check remained Notes and substance in the upper Transport Path5. Initialize
570GB00	Time Out to 3Way Gate Mode conversion during Withdrawal	1. Open the upper unit2. Open the customer service module(1) and TOP Transport(4)3. Remove notes and substance in the Transport Path and 3way gate4. Check remained Notes and substance in the upper Transport Path5. Initialize
570GC00	Failure to GGA01 RTRJ Gate RJC Mode conversion during Withdrawal	1. Open the lower unit2. Open MID Transport(7)3. Check remained Notes and substance in the RT/RJC4. Check remained Notes in RT/RJC gate
570GD00	Failure to GGA01 RTRJ Gate RTC Mode conversion during Withdrawal	1. Open the lower unit2. Open MID Transport(7)3. Check remained Notes and substance in the RT/RJC4. Check remained Notes in RT/RJC gate
570K100	Duplication S/N Error during Withdrawal	1. Check the duplicate note and remove the note.2. Operate to initialize BRM(Recovery)
570N400	Jam Message Receive Error during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
570NA00	Checksum error when notes separate from TSK during Withdrawal	1. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
570NC00	length different from separation part to stack part after transport during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
570NK00	BC recognized notes have no cassette to be stacked during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
570Q100	UTC detachment Error during Withdrawal	1. Open the upper unit2. Check GS010 Sensor Dark/Light Status3. Check UTC(6) installation condition
570Q200	TSK detachment Error during Withdrawal	1. Open the upper unit2. Check GS015 Sensor Dark/Light Status3. Check TSK(5) installation condition
570Q300	BMU Inter Lock Error during Withdrawal	1. Check Load/Removal of the upper unit2. Replace a cherry switch when error occurs
570Q400	BMU detackment Error during Withdrawal	1. Check Load/Removal of the upper unit
570Q500	Replenishment CST detachment Error during Withdrawal	1. Check the safe door open
570Q600	CSM detackment Error during Withdrawal	1. Open the upper unit2. Check to open/close CSM3. Check the sensors GS011
570Q800	BMD Inter Lock Error during Withdrawal	1. Check the lower Unit load/removal2. Replace a cherry switch when error occurs
570Q900	BMD detachment Error during Withdrawal	1. Check the lower Unit load/removal
570QA00	BC Open Error during Withdrawal	1. Open the upper unit2. Open the customer service module (CSM)3. Check the lock lever in the BC4. Check GS003 Sensor Dark/Light Status
570QS00	Receive Error Stop CMD during Withdrawal	1. Initialize
570R100	BM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
570R200	BM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
570R300	BM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
570SZ00	Receive undefined command during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5710100	RC1 GS101 Light Jam during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5710200	RC1 GS102 Light Jam during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5710500	RC1 GS105 Light Jam during Withdrawal	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(A)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5710Z00	RC1 All Light Jam during Withdrawal	1. Operate to initialize BRM.(Recovery)
5711100	RC1 GS101 Dark Jam during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5711200	RC1 GS102 Dark Jam during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5711500	RC1 GS105 Dark Jam during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5711Z00	All RC1 Sensor Dark Jam during Withdrawal	1. Operate to initialize BRM.(Recovery)
5712100	Error occurred by notes remained in RC1 GS101 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5712200	Error occurred by notes remained in RC1 GS102 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5712500	Error occurred by notes remained in RC1 GS105 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5712Z00	Error occurred by notes remained in All RC1 Sensor during Withdrawal	1. Operate to initialize BRM.(Recovery)
5713100	RC1 GS101 Sensor auto calibration error during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5713200	RC1 GS102 Sensor auto calibration error during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5713500	RC1 GS105 Sensor auto calibration error during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5713Z00	All RC1 Sensor auto calibration error during Withdrawal	1. Operate to initialize BRM.(Recovery)
5714100	RC1 GS101 Extern lights check error during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5714200	RC1 GS102 Extern lights check error during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5714500	RC1 GS105 Extern lights check error during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5714Z00	All RC1 Sensor Extern lights check error during Withdrawal	1. Operate to initialize BRM.(Recovery)
5715100	RC1 GS101 Path error on transport path during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5715200	RC1 GS102 Path error on transport path during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5715500	RC1 GS105 Path error on transport path during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5715Z00	All RC1 Sensor Path error on transport path during Withdrawal	1. Operate to initialize BRM.(Recovery)
5716100	RC1 GS101 Path error on sensor except for transport path during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5716200	RC1 GS102 Path error on sensor except for transport path during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5716500	RC1 GS105 Path error on sensor except for transport path during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5716Z00	RC1 All Path error on sensor except for transport path during Withdrawal	1. Operate to initialize BRM.(Recovery)
5717100	Error occurred by the notes disorder in RC1 GS101 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5717200	Error occurred by the notes disorder in RC1 GS102 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5717500	Error occurred by the notes disorder in RC1 GS105 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5717Z00	Error occurred by the notes disorder in RC1 All during Withdrawal	1. Operate to initialize BRM.(Recovery)
571C100	RC Miss-Pickup during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check the upper and the notes.
571C200	Exceeded number of retries for RC1 separation error during Withdrawal.	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check the upper and the notes.
571C400	RC1 Last Note No Front detect during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check the upper and the notes.
571G100	RC1 Failure of returning notes (GS101,GS102 Sensors detect no notes) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
571G200	RC1 Failure to move PP to stack position during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (A)4. Open the recycle cassette door(A) 5. Check cassette status to move stage up and down
571G400	RC1 Failure to upword moving of PP during RC1 stack roller retreat movement during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (A)4. Open the recycle cassette door(A) 5. Check cassette status to move stage up and down

Problem Code	Problem Description	Troubleshooting
571G500	RC1 Failure to stack roller retreat (GS113 Sensor no change) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
571G600	RC1 Stack Roller retreat position disorder during RC Separation during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
571G700	RC1 Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS107) no change) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
571G800	RC1 Failure to move PP to press position (GS108 Sensor Dark Fail) during Withdrawal	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(A).4. Check the stage status after open the recycle cassette(A).5. Check the upper side of the recycle cassette
571GA00	RC1 Solenoid Echo error during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A) and reload4. Replace the cassette when same error occurs
571GB00	RC1 Feed Roller homeposition Sensor(GS107) Light detect fail during RC Stack during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
571GC00	RC1 Feed Roller homeposition Sensor(GS107) Dark detect fail during RC Stack during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
571GD00	RC1 GS101,GS102 Detect notes during move RC Feed Roller to homeposition during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
571GE00	RC1 GS108 detect dark before move RC Feed Roller to homeposition during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note.
571GF00	RC1 Notes Setting error during initialize (GS114, Bottom Sensor(GS112) both dark) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note.
571GG00	RC1 Stack Roller Sensor(GS113) detect light during RC FM Stack during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
571GH00	RC1 Stack Roller Sensor(GS113) detect dark during RC FM Stack during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
571GJ00	RC1 Stack Roller retreat fail (Motor Overrun) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
571GK00	RC1 Stack Roller retreat fail (Motor speed error) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
571GL00	RC1 Feed Roller homeposition fail (Motor speed error) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
571GQ00	RJC Press and Stack position fail during Withdrawal	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
571GR00	RJC Stack position fail during Withdrawal	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
571GS00	RC1 RJC Press position fail during Withdrawal	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
571GT00	RC1 GS151 fail to detect dark when PP moves down during RJC PP Stack during Withdrawal	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
571GU00	RC1 GS151 fail to detect light when PP moves down during RJC PP Stack during Withdrawal	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
571GV00	RC1 GS152 fail to detect dark when PP moves down during RJC PP Stack during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
571GW00	RC1 GS151 fail to detect light when PP moves down during RJC initialize during Withdrawal	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
571GX00	RC1 GS101 detects notes during RJC intialize during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
571J100	RJC Full during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.

Problem Code	Problem Description	Troubleshooting
571J200	RC1 No Residue during Withdrawal	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(A).4. Check the notes remain after open the recycle cassette door(A)5. Fill up the Notes if there are no notes
571J300	Full,Bottom no detect before move RC1 PP to stack position during Withdrawal	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(A).4. Check the stage status after open the recycle cassette(A).5. Check contamination of GS111/GS112 sensor.
571K100	RC1 separation request notes is 0 during Withdrawal	1. Operate to initialize BRM.(Recovery)
571NL00	RC1 Requested notes is more than Residue notes,separation stop during Withdrawal	1. Check RC1 actual count and SPL screen count.2. Setting RC1 count match actual count.3. Operate to initialize BRM(Recovery)
571R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
571R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
571R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
571R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
571RF00	RC1 Feed Motor response timeout during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
571RP00	RC1 PP response timeout during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
571S200	RC1 Receive undefined command during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
571S300	RC1 Task not for separation receive separation command during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
571SA00	RC1 Sub Task receive undefined command during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
571SR00	RC1 Sub Task for Wait Setting Error during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
571SZ00	No enable RC to separate during Withdrawal, Collect Cash, Withdrawal for adjustment (The number of requested notes is 1 or RC out of work)	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5720100	RC2 GS201 Light Jam during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5720200	RC2 GS202 Light Jam during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5720500	RC2 GS205 Light Jam during Withdrawal	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(B).4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5720Z00	RC2 All Light Jam during Withdrawal	1. Operate to initialize BRM.(Recovery)
5721100	RC2 GS201 Dark Jam during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5721200	RC2 GS202 Dark Jam during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5721500	RC2 GS205 Dark Jam during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5721Z00	RC2 All Dark Jam during Withdrawal	1. Operate to initialize BRM.(Recovery)
5722100	Error occurred by notes remained in RC2 GS201 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5722200	Error occurred by notes remained in RC2 GS202 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5722500	Error occurred by notes remained in RC2 GS205 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5722Z00	Error occurred by notes remained in RC2 All Sensor during Withdrawal	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5723100	Sensor auto calibration error in RC2 GS201 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5723200	Sensor auto calibration error in RC2 GS202 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5723500	Sensor auto calibration error in RC2 GS205 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5723Z00	Sensor auto calibration error in RC2 All Sensor during Withdrawal	1. Operate to initialize BRM.(Recovery)
5724100	Extern lights check error in RC2 GS201 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5724200	Extern lights check error in RC2 GS202 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5724500	Extern lights check error in RC2 GS205 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5724Z00	Extern lights check error in RC2 All Sensor during Withdrawal	1. Operate to initialize BRM.(Recovery)
5725100	Path error on transport path in RC2 GS201 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5725200	Path error on transport path in RC2 GS202 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5725500	Path error on transport path in RC2 GS205 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5725Z00	Path error on transport path in RC2 All Sensor during Withdrawal	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5726100	Path error on sensor except for transport path in RC2 GS201 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5726200	Path error on sensor except for transport path in RC2 GS202 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5726500	Path error on sensor except for transport path in RC2 GS205 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5726Z00	Path error on sensor except for transport path in RC2 All during Withdrawal	1. Operate to initialize BRM.(Recovery)
5727100	Error occurred by the notes disorder in RC2 GS201 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5727200	Error occurred by the notes disorder in RC2 GS202 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5727500	Error occurred by the notes disorder in RC2 GS205 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5727Z00	Error occurred by the notes disorder in RC2 All during Withdrawal	1. Operate to initialize BRM.(Recovery)
572C100	RC2 Miss-Pickup during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check the upper and the notes.
572C200	Exceeded number of retries for RC2 separation error during Withdrawal.	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check the upper and the notes.
572C400	RC2 Last Note No Front detect during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check the upper and the notes.
572G100	RC2 Failure of returning notes (GS201,GS202 Sensors detect no notes) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
572G200	RC2 Failure to move PP to stack position during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (B)4. Open the recycle cassette door (B)5. Check cassette status to move stage up and down
572G400	RC2 Failure to upward moving of PP during RC2 stack roller retreat movement during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (B)4. Open the recycle cassette door (B)5. Check cassette status to move stage up and down
572G500	RC2 Failure to stack roller retreat (GS213 Sensor no change) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
572G600	RC2 Stack Roller retreat position disorder during RC Separation during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
572G700	RC2 Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS207) no change) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
572G800	RC2 Failure to move PP to press position (GS208 Sensor Dark Fail) during Withdrawal	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(B).4. Check the stage status after open the recycle cassette(B).5. Check the upper side of the recycle cassette
572GA00	RC2 Solenoid Echo error during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (B) after removing recycle cassette4. Replace the cassette when same error occurs
572GB00	RC2 Feed Roller homeposition Sensor(GS207) Light detect fail during RC Stack during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
572GC00	RC2 Feed Roller homeposition Sensor(GS207) Dark detect fail during RC Stack during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
572GD00	RC2 GS201,GS202 Detect notes during move RC Feed Roller to homeposition during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
572GE00	RC2 GS208 detect dark before move RC Feed Roller to homeposition during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note.
572GF00	RC2 Notes Setting error during initialize (GS214, Bottom Sensor(GS212) both dark) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note.

Problem Code	Problem Description	Troubleshooting
572GG00	RC2 Stack Roller Sensor(GS213) detect light during RC FM Stack during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
572GH00	RC2 Stack Roller Sensor(GS213) detect dark during RC FM Stack during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
572GJ00	RC2 Stack Roller retreat fail (Motor Overrun) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
572GK00	RC2 Stack Roller retreat fail (Motor speed error) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
572GL00	RC2 Feed Roller homeposition fail (Motor speed error) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
572J200	RC2 No Residue during Withdrawal	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(B).4. Check the notes remain after open the recycle cassette door(B)5. Fill up the Notes if there are no notes
572J300	RC2 Full,Bottom no detect before move RC PP to stack position during Withdrawal	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(B).4. Check the stage status after open the recycle cassette(B).5. Check contamination of GS211/GS212 sensor.
572K100	RC2 separation request notes is 0 during Withdrawal	1. Operate to initialize BRM.(Recovery)
572NL00	RC2 Requested notes is more than Residue notes,separation stop during Withdrawal	1. Check RC2 actual count and SPL screen count.2. Setting RC2 count match actual count.3. Operate to initialize BRM(Recovery)
572R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
572R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
572R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
572R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
572RF00	RC2 Feed Motor response timeout during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
572RP00	RC2 PP response timeout during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
572S200	RC2 Receive undefined command during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
572S300	RC2 Task not for separation receive separation command during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
572SA00	RC2 Sub Task receive undefined command during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
572SR00	RC2 Sub Task for Wait Setting Error during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
572SZ00	No enable RC to separate during Withdrawal, Collect Cash, Withdrawal for adjustment (The number of requested notes is 1 or RC out of work)	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5730100	RC3 GS301 Light Jam during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5730200	RC3 GS302 Light Jam during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5730500	RC3 GS305 Light Jam during Withdrawal	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(C)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5730Z00	RC3 All Light Jam during Withdrawal	1. Operate to initialize BRM.(Recovery)
5731100	RC3 GS301 Dark Jam during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5731200	RC3 GS302 Dark Jam during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5731500	RC3 GS305 Dark Jam during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5731Z00	RC3 All Dark Jam during Withdrawal	1. Operate to initialize BRM.(Recovery)
5732100	Error occurred by notes remained in RC3 GS301 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5732200	Error occurred by notes remained in RC3 GS302 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5732500	Error occurred by notes remained in RC3 GS305 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5732Z00	Error occurred by notes remained in RC3 All during Withdrawal	1. Operate to initialize BRM.(Recovery)
5733100	Sensor auto calibration error in RC3 GS301 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5733200	Sensor auto calibration error in RC3 GS302 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5733500	Sensor auto calibration error in RC3 GS305 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5733Z00	Sensor auto calibration error in RC3 All during Withdrawal	1. Operate to initialize BRM.(Recovery)
5734100	Extern lights check error in RC3 GS301 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5734200	Extern lights check error in RC3 GS302 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5734500	Extern lights check error in RC3 GS305 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5734Z00	Extern lights check error in RC3 All during Withdrawal	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5735100	Path error on transport path in RC3 GS301 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5735200	Path error on transport path in RC3 GS302 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5735500	Path error on transport path in RC3 GS305 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5735Z00	Path error on transport path in RC3 All during Withdrawal	1. Operate to initialize BRM.(Recovery)
5736100	Path error on sensor except for transport path in RC3 GS301 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5736200	Path error on sensor except for transport path in RC3 GS302 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5736500	Path error on sensor except for transport path in RC3 GS305 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5736Z00	Path error on sensor except for transport path in RC3 All during Withdrawal	1. Operate to initialize BRM.(Recovery)
5737100	Error occurred by the notes disorder in RC3 GS301 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5737200	Error occurred by the notes disorder in RC3 GS302 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5737500	Error occurred by the notes disorder in RC3 GS305 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5737Z00	Error occurred by the notes disorder in RC3 All during Withdrawal	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
573C100	RC3 Miss-Pickup during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check the upper and the notes.
573C200	Exceeded number of retries for RC3 separation error during Withdrawal.	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check the upper and the notes.
573C400	RC3 Last Note No Front detect during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check the upper and the notes.
573G100	RC3 Failure of returning notes (GS301,GS302 Sensors detect no notes) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
573G200	RC3 Failure to move PP to stack position during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (C)4. Open the recycle cassette door (C)5. Check cassette status to move stage up and down
573G400	RC3 Failure to upword moving of PP during RC3 stack roller retreat movement during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (C)4. Open the recycle cassette door (C)5. Check cassette status to move stage up and down
573G500	RC3 Failure to stack roller retreat (GS313 Sensor no change) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
573G600	RC3 Stack Roller retreat position disorder during RC Separation during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
573G700	RC3 RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS307) no change) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
573G800	RC3 Failure to move PP to press position (GS308 Sensor Dark Fail) during Withdrawal	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(C).4. Check the stage status after open the recycle cassette(C).5. Check the upper side of the recycle cassette
573GA00	RC3 RC Solenoid Echo error during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (C) after removing recycle cassette4. Replace the cassette when same error occurs
573GB00	RC3 Feed Roller homeposition Sensor(GS307) Light detect fail during RC Stack during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
573GC00	RC3 Feed Roller homeposition Sensor(GS307) Dark detect fail during RC Stack during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
573GD00	RC3 GS301,GS302 Detect notes during move RC Feed Roller to homeposition during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
573GE00	RC3 GS308 detect dark before move RC Feed Roller to homeposition during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note.
573GF00	RC3 Notes Setting error during initialize (GS314, Bottom Sensor(GS312) both dark) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note.
573GG00	RC3 Stack Roller Sensor(GS313) detect light during RC FM Stack during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
573GH00	RC3 Stack Roller Sensor(GS313) detect dark during RC FM Stack during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
573GJ00	RC3 RC Stack Roller retreat fail (Motor Overrun) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
573GK00	RC3 RC Stack Roller retreat fail (Motor speed error) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
573GL00	RC3 RC Feed Roller homeposition fail (Motor speed error) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
573J200	RC3 No Residue during Withdrawal	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(C).4. Check the notes remain after open the recycle cassette door(C).5. Fill up the Notes if there are no notes
573J300	RC3 Full,Bottom no detect before move RC PP to stack position during Withdrawal	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(C).4. Check the stage status after open the recycle cassette(C).5. Check contamination of GS311/GS312 sensor.
573K100	RC3 separation request notes is 0 during Withdrawal	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
573L100	Remaining notes stack process error in RC3 GS301 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
573L200	Remaining notes stack process error in RC3 GS302 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
573L500	Remaining notes stack process error in RC3 GS305 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
573NL00	RC3 Requested notes is more than Residue notes,separation stop during Withdrawal	1. Check RC3 actual count and SPL screen count.2. Setting RC3 count match actual count.3. Operate to initialize BRM(Recovery)
573R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
573R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
573R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
573R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
573RF00	RC3 Feed Motor response timeout during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
573RP00	RC3 PP response timeout during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
573S200	RC3 Receive undefined command during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
573S300	RC3 RC Task not for separation receive separation command during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
573SA00	RC3 RC Sub Task receive undefined command during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
573SR00	RC3 Sub Task for Wait Setting Error during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
573SZ00	No enable RC to separate during Withdrawal, Collect Cash, Withdrawal for adjustment (The number of requested notes is 1 or RC out of work)	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5740100	RC4 GS401 Light Jam during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5740200	RC4 GS402 Light Jam during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5740500	RC4 GS405 Light Jam during Withdrawal	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(D)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5740Z00	RC4 All Sensor Light Jam during Withdrawal	1. Operate to initialize BRM.(Recovery)
5741100	RC4 GS401 Dark Jam during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5741200	RC4 GS402 Dark Jam during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5741500	RC4 GS405 Dark Jam during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5741Z00	RC4 All Sensor Dark Jam during Withdrawal	1. Operate to initialize BRM.(Recovery)
5742100	Error occurred by notes remained in RC4 GS401 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5742200	Error occurred by notes remained in RC4 GS402 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5742500	Error occurred by notes remained in RC4 GS405 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5742Z00	Error occurred by notes remained in RC4 All during Withdrawal	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5743100	Sensor auto calibration error in RC4 GS401 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5743200	Sensor auto calibration error in RC4 GS402 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5743500	Sensor auto calibration error in RC4 GS405 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5743Z00	Sensor auto calibration error in RC4 All during Withdrawal	1. Operate to initialize BRM.(Recovery)
5744100	Extern lights check error in RC4 GS401 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5744200	Extern lights check error in RC4 GS402 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5744500	Extern lights check error in RC4 GS405 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5744Z00	Extern lights check error in RC4 All during Withdrawal	1. Operate to initialize BRM.(Recovery)
5745100	Path error on transport path in RC4 GS401 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5745200	Path error on transport path in RC4 GS402 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5745500	Path error on transport path in RC4 GS405 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5745Z00	Path error on transport path in RC4 All during Withdrawal	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5746100	Path error on sensor except for transport path in RC4 GS401 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5746200	Path error on sensor except for transport path in RC4 GS402 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5746500	Path error on sensor except for transport path in RC4 GS405 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5746Z00	Path error on sensor except for transport path in RC4 All during Withdrawal	1. Operate to initialize BRM.(Recovery)
5747100	Error occurred by the notes disorder in RC4 GS401 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5747200	Error occurred by the notes disorder in RC4 GS402 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5747500	Error occurred by the notes disorder in RC4 GS405 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5747Z00	Error occurred by the notes disorder in RC4 All during Withdrawal	1. Operate to initialize BRM.(Recovery)
574C100	RC4 Miss-Pickup during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check the upper and the notes.
574C200	Exceeded number of retries for RC4 separation error during Withdrawal.	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check the upper and the notes.
574C400	RC4 Last Note No Front detect during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check the upper and the notes.
574G100	RC4 Failure of returning notes (GS401,GS402 Sensors detect no notes) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
574G200	RC4 Failure to move PP to stack position during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (D)4. Open the recycle cassette door (D)5. Check cassette status to move stage up and down
574G400	RC4 Failure to upward moving of PP during RC4 stack roller retreat movement during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (D)4. Open the recycle cassette door (D)5. Check cassette status to move stage up and down
574G500	RC4 Failure to stack roller retreat (GS413 Sensor no change) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
574G600	RC4 Stack Roller retreat position disorder during RC Separation during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
574G700	RC4 RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS407) no change) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
574G800	RC4 Failure to move PP to press position (GS408 Sensor Dark Fail) during Withdrawal	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(D).4. Check the stage status after open the recycle cassette(D).5. Check the upper side of the recycle cassette
574GA00	RC4 RC Solenoid Echo error during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (D) after removing recycle cassette4. Replace the cassette when same error occurs
574GB00	RC4 Feed Roller homeposition Sensor(GS407) Light detect fail during RC Stack during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
574GC00	RC4 Feed Roller homeposition Sensor(GS407) Dark detect fail during RC Stack during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
574GD00	RC4 GS401,GS402 Detect notes during move RC Feed Roller to homeposition during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
574GE00	RC4 GS408 detect dark before move RC Feed Roller to homeposition during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note.
574GF00	RC4 Notes Setting error during initialize (GS414, Bottom Sensor(GS412) both dark) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note.

Problem Code	Problem Description	Troubleshooting
574GG00	RC4 Stack Roller Sensor(GS413) detect light during RC FM Stack during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
574GH00	RC4 Stack Roller Sensor(GS413) detect dark during RC FM Stack during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
574GJ00	RC4 RC Stack Roller retreat fail (Motor Overrun) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
574GK00	RC4 RC Stack Roller retreat fail (Motor speed error) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
574GL00	RC4 RC Feed Roller homeposition fail (Motor speed error) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
574J200	RC4 No Residue during Withdrawal	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(D).4. Check the notes remain after open the recycle cassette door(D)5. Fill up the Notes if there are no notes
574J300	RC4 Full,Bottom no detect before move RC PP to stack position	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(D).4. Check the stage status after open the recycle cassette(D).5. Check contamination of GS411/GS412 sensor.
574K100	RC4 separation request notes is 0 during Withdrawal	1. Operate to initialize BRM.(Recovery)
574L100	Remaining notes stack process error in RC4 GS401 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
574L200	Remaining notes stack process error in RC4 GS402 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
574L500	Remaining notes stack process error in RC4 GS405 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
574NL00	RC4 Requested notes is more than Residue notes,separation stop during Withdrawal	1. Check RC4 actual count and SPL screen count.2. Setting RC4 count match actual count.3. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
574R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
574R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
574R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
574R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
574RF00	RC4 Feed Motor response timeout during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
574RP00	RC4 PP response timeout during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
574S200	RC4 Receive undefined command during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
574S300	RC4 RC Task not for separation receive separation command during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
574SA00	RC4 RC Sub Task receive undefined command during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
574SR00	RC4 Sub Task for Wait Setting Error during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
574SZ00	No enable RC to separate during Withdrawal, Collect Cash, Withdrawal for adjustment (The number of requested notes is 1 or RC out of work)	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5750100	RC5 GS501 Light Jam during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5750200	RC5 GS502 Light Jam during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5750500	RC5 GS505 Light Jam during Withdrawal	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(E).4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5750Z00	RC5 All Light Jam during Withdrawal	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5751100	RC5 GS501 Dark Jam during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5751200	RC5 GS502 Dark Jam during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5751500	RC5 GS505 Dark Jam during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5751Z00	RC5 All Dark Jam during Withdrawal	1. Operate to initialize BRM.(Recovery)
5752100	Error occurred by notes remained in RC5 GS501 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5752200	Error occurred by notes remained in RC5 GS502 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5752500	Error occurred by notes remained in RC5 GS505 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5752Z00	Error occurred by notes remained in RC5 All during Withdrawal	1. Operate to initialize BRM.(Recovery)
5753100	Sensor auto calibration error in RC5 GS501 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5753200	Sensor auto calibration error in RC5 GS502 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5753500	Sensor auto calibration error in RC5 GS505 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5753Z00	Sensor auto calibration error in RC5 All during Withdrawal	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5754100	Extern lights check error in RC5 GS501 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5754200	Extern lights check error in RC5 GS502 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5754500	Extern lights check error in RC5 GS505 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5754Z00	Extern lights check error in RC5 All during Withdrawal	1. Operate to initialize BRM.(Recovery)
5755100	Path error on transport path in RC5 GS501 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5755200	Path error on transport path in RC5 GS502 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5755500	Path error on transport path in RC5 GS505 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5755Z00	Path error on transport path in RC5 All during Withdrawal	1. Operate to initialize BRM.(Recovery)
5756100	Path error on sensor except for transport path in RC5 GS501 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5756200	Path error on sensor except for transport path in RC5 GS502 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5756500	Path error on sensor except for transport path in RC5 GS505 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5756Z00	Path error on sensor except for transport path in RC5 All during Withdrawal	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5757100	Error occurred by the notes disorder in RC5 GS501 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5757200	Error occurred by the notes disorder in RC5 GS502 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5757500	Error occurred by the notes disorder in RC5 GS505 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5757Z00	Error occurred by the notes disorder in RC5 All during Withdrawal	1. Operate to initialize BRM.(Recovery)
575C100	RC5 Miss-Pickup during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check the upper and the notes.
575C200	Exceeded number of retries for RC5 separation error during Withdrawal.	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check the upper and the notes.
575C400	RC5 Last Note No Front detect during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check the upper and the notes.
575G100	RC5 Failure of returning notes (GS501,GS502 Sensors detect no notes) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
575G200	RC5 Failure to move PP to stack position during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (E)4. Open the recycle cassette door (E)5. Check cassette status to move stage up and down
575G400	RC5 Failure to upword moving of PP during RC5 stack roller retreat movement during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (E)4. Open the recycle cassette door (E)5. Check cassette status to move stage up and down
575G500	RC5 Failure to stack roller retreat (GS513 Sensor no change) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
575G600	RC5 Stack Roller retreat position disorder during RC Separation during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
575G700	RC5 Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS507) no change) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
575G800	RC5 Failure to move PP to press position (GS508 Sensor Dark Fail) during Withdrawal	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(E).4. Check the stage status after open the recycle cassette(E).5. Check the upper side of the recycle cassette
575GA00	RC5 Solenoid Echo error during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (E) after removing recycle cassette4. Replace the cassette when same error occurs
575GB00	RC5 Feed Roller homeposition Sensor(GS507) Light detect fail during RC Stack during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
575GC00	RC5 Feed Roller homeposition Sensor(GS507) Dark detect fail during RC Stack during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
575GD00	RC5 GS501,GS502 Detect notes during move RC Feed Roller to homeposition during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
575GE00	RC5 GS508 detect dark before move RC Feed Roller to homeposition during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note.
575GF00	RC5 Notes Setting error during initialize (GS514, Bottom Sensor(GS512) both dark) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note.
575GG00	RC5 Stack Roller Sensor(GS513) detect light during RC FM Stack during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
575GH00	RC5 Stack Roller Sensor(GS513) detect dark during RC FM Stack during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
575GJ00	RC5 Stack Roller retreat fail (Motor Overrun) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
575GK00	RC5 Stack Roller retreat fail (Motor speed error) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
575GL00	RC5 Feed Roller homeposition fail (Motor speed error) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
575J200	RC5 No Residue during Withdrawal	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(E).4. Check the notes remain after open the recycle cassette door(E)5. Fill up the Notes if there are no notes
575J300	RC5 Full,Bottom no detect before move RC PP to stack position during Withdrawal	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(E).4. Check the stage status after open the recycle cassette(E).5. Check contamination of GS511/GS512 sensor.
575K100	RC5 separation request notes is 0 during Withdrawal	1. Operate to initialize BRM.(Recovery)
575L100	Remaining notes stack process error in RC5 GS501 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
575L200	Remaining notes stack process error in RC5 GS502 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
575L500	Remaining notes stack process error in RC5 GS505 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
575NL00	RC5 Requested notes is more than Residue notes,separation stop during Withdrawal	1. Check RC5 actual count and SPL screen count.2. Setting RC5 count match actual count.3. Operate to initialize BRM(Recovery)
575R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
575R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
575R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
575R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
575RF00	RC5 Feed Motor response timeout during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
575RP00	RC5 PP response timeout during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
575S200	RC5 Receive undefined command during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
575S300	RC5 Task not for separation receive separation command during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
575SA00	RC5 Sub Task receive undefined command during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
575SR00	RC5 Sub Task for Wait Setting Error during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
575SZ00	No enable RC to separate during Withdrawal, Collect Cash, Withdrawal for adjustment (The number of requested notes is 1 or RC out of work)	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5761H00	GS618/619 Dark Jam error during Withdrawal.	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5762100	CSM Residue Error during Withdrawal	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5762200	CSM No separation notes Error during Withdrawal	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5762300	CSM insert notes excess Error during Withdrawal	1. Operate to initialize BRM(Recovery)2. Check inserting notes into the CSM are over 300 counts at one time3. If BRM does not recovery open the outer/inner Shutter of CSM3.Remove notes and substance in the CSM(1)
5762500	CSM notes disappear Error during Withdrawal	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5762600	CSM notes appear Error during Withdrawal	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5762Z00	CSM Residue Error during withdrawal	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
576B100	CSM Notes insert position Error during Withdrawal	1. Return Notes to customer(Semi OK Code)2. If Notes don't retrun open the outer/inner Shutter and remove the notes
576B200	CSM Notes in abnormal position(GS601,GS603,GS610,GS611,GS616 등) after ready separation during Withdrawal	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
576B300	CSM Separate Mis-pickup during Withdrawal	1. Return Notes to customer(Semi OK Code)2. If Notes don't retrun open the outer/inner Shutter and remove the notes
576B400	CSM Separate disorder Jam (Front Skew) during Withdrawal	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
576B600	CSM Separate disorder Jam (Over Max Length) during Withdrawal	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
576B700	CSM Separate disorder Jam (Less Min Length) during Withdrawal	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
576B800	CSM Separate disorder Dark Jam during Withdrawal	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
576B900	CSM Low speed control 30 times over Error during Withdrawal	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
576BA00	CSM Over separation notes during collect lost notes during Withdrawal	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
576BE00	CSM Residue Notes in separation part after separation during Withdrawal	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
576G100	Fail to move CSM BP to Stack Position during Withdrawal	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
576G200	Fail to move CSM BP to Deposit Position during Withdrawal	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
576G300	Fail to move CSM BP to Separation Position during Withdrawal	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
576G500	Fail to move CSM BP to Note-Out Position during Withdrawal	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
576G600	Fail to move CSM P-Roller to Home position during Withdrawal	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status

Problem Code	Problem Description	Troubleshooting
576G800	Fail to CSM return notes during Withdrawal	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
576G900	CSM GM601 Step out during Withdrawal	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
576GA00	Fail to move CSM BP to return note Position during Withdrawal	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
576GB00	Fail to move CSM FP to Deposit Position during Withdrawal	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Press and release FP check the FP rotate smoothly5. Check GS652 status(Dark & Light)
576GF00	Fail to move CSM G-Roller to Homeposition during Withdrawal	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
576GG00	Fail to move both CSM P/G-Roller to Homeposition during Withdrawal	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
576M200	CSM Inner Shutter Open Error during Withdrawal	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
576M300	CSM Inner Shutter Close Error during Withdrawal	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
576M400	CSM Outer Shutter Open Error during Withdrawal	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
576M500	CSM Outer Shutter Close Error during Withdrawal	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
576M600	CSM Outer Shutter is Opened during Withdrawal	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
576M700	CSM Inner Shutter Open during Stack during Withdrawal	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light

Problem Code	Problem Description	Troubleshooting
576M800	CSM Stopper Home position Fail during Withdrawal	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move PP Front5. Move Bill Stopper forward/backward and check GS668 sensor status6. Initialize
576M900	CSM Stopper Stack position Fail during Withdrawal	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move PP Front5. Move Bill Stopper forward/backward and check GS668 sensor status6. Initialize
576MB00	CSM Bill Supporter Up position Fail during Withdrawal	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Check the failure and breakage of Bill Lifter/Support5. Initialize
576MC00	CSM Bill Supporter Down position Fail during Withdrawal	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Check the failure and breakage of Bill Lifter/Support5. Initialize
576P100	CSM PP Withdrawal(Stack) position Fail during Withdrawal	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
576P200	CSM PP Deposit position Fail during Withdrawal	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
576P300	CSM PP Separation position Fail during Withdrawal	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
576P400	CSM PP collect lost notes position Fail during Withdrawal	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
576P500	CSM PP Note-out position Fail during Withdrawal	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
576P600	CSM PP Note-arrange position Fail during Withdrawal	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize

Problem Code	Problem Description	Troubleshooting
576P800	CSM PP Control Stack Fail during Withdrawal	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
576P900	CSM PP Return note position Fail during Withdrawal	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
576PD00	CSM PP Check semi-note Fail during Withdrawal	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
576PE00	CSM PP Bill SuCSM PPorter Up position Fail during Withdrawal	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
576R100	CSM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
576R200	CSM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
576R300	CSM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
576R600	CSM response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
576RB00	CSM BP response timeout during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
576RF00	CSM Feed Motor response timeout during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
576RL00	CSM Lift response timeout during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
576RP00	CSM PP response timeout during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
576RR00	CSM Bill supporter response timeout during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
576RS00	CSM Inner Shutter response timeout during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
576RT00	CSM Stopper response timeout during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
576SA00	CSM Receive undefined command during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
576SR00	CSM Sub Task for Wait Setting Error during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5770100	TSK GS701 Light Jam during Withdrawal	1. Open the upper unit2. Open the TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) Transport PATH(4)
5770200	TSK GS702 Light Jam during Withdrawal	1. Open the upper unit2. Open the TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) Transport PATH(4)
5770300	TSK GS703,4 Light Jam during Withdrawal	1. Open the upper unit2. Open the TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) Transport PATH(4)
5770Z00	TSK All Light Jam during Withdrawal	1. Open the upper unit2. Open the TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) Transport PATH(4)
5771100	TSK GS701 Dark Jam during Withdrawal	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5771200	TSK GS702 Dark Jam during Withdrawal	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5771300	TSK GS703,4 Dark Jam during Withdrawal	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5771Z00	TSK All Dark Jam during Withdrawal	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5772100	Error occurred by notes remained in TSK GS701 during Withdrawal	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5772200	Error occurred by notes remained in TSK GS702 during Withdrawal	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)

Problem Code	Problem Description	Troubleshooting
5772300	Error occurred by notes remained in TSK GS703,4 during Withdrawal	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5772Z00	Error occurred by notes remained in TSK All Sensor during Withdrawal	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5775100	GS701 Path error on transport path during Withdrawal	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5775200	GS702 Path error on transport path during Withdrawal	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5777100	Error occurred by the notes disorder in GS701 during Withdrawal	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5777200	Error occurred by the notes disorder in GS702 during Withdrawal	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5777300	Error occurred by the notes disorder in TSK GS703,4 during Withdrawal	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5777Z00	Error occurred by the notes disorder in TSK All during Withdrawal	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
577C200	TSK Last note unclear during separation during Withdrawal	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) 4. Close the upper unit5. Initialize
577CA00	TSK Incounted note is not Outcounted for 500ms during Withdrawal	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
577F200	TSK GM701 stepout during stack during Withdrawal	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5) 6. Rotate the knob of TSK(5) to find obstruction out
577F300	TSK GM701 F-Roller Homeposition fail during Withdrawal	1. Open the upper unit2. Open the TM(Test Module)3. Rotate the knob of TSK to check sensor(GS752) change 4. Rotate the knob of TSK(5) to find obstruction out
577G100	GM701 Return notes fail during Withdrawal	1. Open the upper unit2. Confirm to Rotate a knob of TSK(5) softly
577J100	TSK Full during Withdrawal	1. Open the upper unit2. Open the TSK(5)3. Check the notes remain in the TSK(5)4. Remove notes remain in the TSK

Problem Code	Problem Description	Troubleshooting
577L100	Remaining notes stack process error in TSK GS701 during Withdrawal	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
577L200	Remaining notes stack process error in TSK GS702 during Withdrawal	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
577L300	Remaining notes stack process error in TSK GS703,4 during Withdrawal	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
577LZ00	Remaining notes stack process error in TSK All during Withdrawal	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
577M100	TSK Stopper Home position for intialize fail during Withdrawal	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if stopper was obstructed
577M200	TSK Stopper Stack position for intialize fail during Withdrawal	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if stopper was obstructed
577M300	TSK Stopper Return note position for intialize fail during Withdrawal	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if stopper was obstructed
577M400	TSK Stopper Lock FP Fail during Withdrawal	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if FP(Front Plate) was obstructed
577M500	TSK Stopper Unlock FP Fail during Withdrawal	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if FP(Front Plate) was obstructed
577P100	FP Sensor detect Dark Fail during Withdrawal	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if PP(Push Plate) was obstructed to rotate PP knob4. Check if FP(Front Plate) was obstructed to rotate
577P200	FP Sensor detect Light Fail during Withdrawal	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if PP(Push Plate) was obstructed to rotate PP knob4. Check if FP(Front Plate) was obstructed to rotate
577P300	PP Press position fail during Withdrawal	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if PP(Push Plate) was obstructed to rotate PP knob
577Q700	TSK Door Open during operation in Withdrawal	1. Close the door of TSK(5)
577R100	TSK response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
577R200	TSK response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
577R300	TSK response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
577R600	TSK response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
577RF00	TSK Feed Motor response timeout in Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
577RP00	TSK PP response timeout in Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
577RT00	TSK Stopper response timeout in Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
577S200	TSK Receive undefined command in Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
577SR00	TSK Sub Task for Wait Setting Error in Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
578HA01	GS801A Sensor Error during Withdrawal	1. Check GS801A2. Operate to initialize BRM(Recovery)
578HA02	GS801B Sensor Error during Withdrawal	1. Check GS801B2. Operate to initialize BRM(Recovery)
578HA03	GS801A, GS801B Sensor Error during Withdrawal	1. Check GS801A, GS801B2. Operate to initialize BRM(Recovery)
578HA04	GS802A Sensor Error during Withdrawal	1. Check GS802A2. Operate to initialize BRM(Recovery)
578HA05	GS801A, GS802A Sensor Error during Withdrawal	1. Check GS801A, GS802A2. Operate to initialize BRM(Recovery)
578HA06	GS801B, GS802A Sensor Error during Withdrawal	1. Check GS801B, GS802A2. Operate to initialize BRM(Recovery)
578HA07	GS801A, GS801B, GS802A Sensor Error during Withdrawal	1. Check GS801A, GS801B, GS802A2. Operate to initialize BRM(Recovery)
578HA08	GS802B Sensor Error during Withdrawal	1. Check GS802B2. Operate to initialize BRM(Recovery)
578HA09	GS801A, GS802B Sensor Error during Withdrawal	1. Check GS801A, GS802B2. Operate to initialize BRM(Recovery)
578HA10	GS801B, GS802B Sensor Error during Withdrawal	1. Check GS801B, GS802B2. Operate to initialize BRM(Recovery)
578HA11	GS801A, GS801B, GS802B Sensor Error during Withdrawal	1. Check GS801A, GS801B, GS802B2. Operate to initialize BRM(Recovery)
578HA12	GS802A, GS802B Sensor Error during Withdrawal	1. Check GS802A, GS802B2. Operate to initialize BRM(Recovery)
578HA13	GS801A, GS802A, GS802B Sensor Error during Withdrawal	1. Check GS801A, GS802A, GS802B2. Operate to initialize BRM(Recovery)
578HA14	GS801B, GS802A, GS802B Sensor Error during Withdrawal	1. Check GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
578HA15	GS801A, GS801B, GS802A, GS802B Sensor Error during Withdrawal	1. Check GS801A, GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
578HB01	MR Sensor Level Error during Withdrawal	1. Check MR Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
578HC02	UV_01 Sensor Level Error during Withdrawal	1. Check UV Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
578HF03	CIS Shading data loading Fail during Withdrawal	1. Operate shading in the BC CIS2. Operate to initialize BRM(Recovery)
578HF04	Detection DB Table loading Fail during Withdrawal	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
578HF05	BC FPGA Data checksum Fail during Withdrawal	1. Check to BC FPGA File2. Operate to initialize BRM(Recovery)
578HF06	BC FPGA Configuration Fail during Withdrawal	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
578HF07	BC FPGA Header Information Loading Fail during Withdrawal	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
578HF08	BC FPGA Initialize Fail during Withdrawal	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
578HF09	BC FPGA VERSION Fail during Withdrawal	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
578HF11	Detection DB #01 loading Fail during Withdrawal	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
578HF12	Detection DB #02 loading Fail during Withdrawal	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
578HF13	Detection DB #03 loading Fail during Withdrawal	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
578HF14	Detection DB #04 loading Fail during Withdrawal	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
578HF15	Detection DB #05 loading Fail during Withdrawal	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
578HF16	Detection DB #06 loading Fail during Withdrawal	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
578HF17	Detection DB #07 loading Fail during Withdrawal	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
578HF18	Detection DB #08 loading Fail during Withdrawal	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
578HF19	Detection DB #09 loading Fail during Withdrawal	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
578HF20	Detection DB #10 loading Fail during Withdrawal	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
578HG01	Mode Set Error When Receive BC MODE Command (Mode Value is not 1 or 2 ) during Withdrawal	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
578HG02	Detection Level Set Error When Receive BC MODE Command (Detection Level Value is 0 ) during Withdrawal	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
578HG03	BC Transaction Ready Fail When Receive BC READY Command during Withdrawal	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
578HG04	Mode Set Error When Receive BC READY Command (Mode Value is not 1 or 2 ) during Withdrawal	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
578HG05	Detection Level Set Error When Receive BC READY Command (Detection Level Value is 0 ) during Withdrawal	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
578HG06	BC Entry Direction Set Error When Receive BC READY Command (Not Deposit/Withdrawal/Stack Direction ) during Withdrawal	1. Check BC putting direction.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
578HG07	Receive BC Unknown Command during Withdrawal	1. Check BC reception full command.1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization.
578HG08	The Number of Nations Set Error When Receive BC DATA WRITE Command (Over 0, 10) during Withdrawal	1. Check the number of supported country.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
578HG09	Nation Code Set Error When Receive BC DATA WRITE Command during Withdrawal	1. Check the supported country code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
578HG10	Detection DB of the Nation is not exist When Receive BC DATA WRITE Command during Withdrawal	1. Check the BC recognition DB of country.2. Download DB again after deleting all recognition DB3. Operate to initialize BRM(Recovery)4. Reboot the system when same error occurred after initialization.
578HG11	No Nation Code When Receive BC READY Command during Withdrawal	1. Check the country setting value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
578HG12	BC Version Value Set Error When Receive BC DATA WRITE Command (Not BC FPGA) during Withdrawal	1. Check the BC specifications devision and BC FPGA specifications.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initializatio
578HG20	Fail to Initialize CIS When Receive BC READY Command during Withdrawal	1. Operate to initialize BRM(Recovery)2. Check CIS part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
578HG21	Fail to ENCODER POWER ON When Receive BC READY Command during Withdrawal	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
578HG22	Fail to adjust DD Sensor DAC When Receive BC READY Command during Withdrawal	1. Operate to initialize BRM(Recovery)2. Check whether the sensor is contaminated or not if same error occurs after Initialize3. Reboot the system when same error occurs even though there is no substance.

Problem Code	Problem Description	Troubleshooting
578HG23	DD Sensor DAC Set Error When Receive BC READY Command during Withdrawal	1. Operate to initialize BRM(Recovery)2. Check DD sensor part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
578HG24	ENCODER Mode Set Error When Receive BC READY Command during Withdrawal	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance
578HG30	Counterfeit Note List CRC Error When Receive BC SERIAL NO Command during Withdrawal	1. Check the forged notes list CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
578HG31	Not Receive The Number of Counterfeit Note Lists and CRC When Receive BC SERIAL NO Command during Withdrawal	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
578HG32	Over The Number of Counterfeit Note Lists When Receive BC SERIAL NO Command (Over 200) during Withdrawal	1. Check the whole number of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
578HG33	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Nation Code 0) during Withdrawal	1. Check the country code of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
578HG34	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Length Over 2~29) during Withdrawal	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
578HG36	Note Number Detection Mode Set Error When Receive BC MODE Command (Mode Value is Not 0, 1, 2) during Withdrawal	1. Check to the recognized mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
578HG37	Transaction Classification Set Error When Receive BC MODE Command (Classification Value is Not 0, 1, 2) during Withdrawal	1. Check to the transaction setting.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
578HG38	Counterfeit Note List Search Classification Set Error When Receive BC SERIAL NO Command 위조지폐 목록 검색 구분 설정 오류 (Classification Value is Not 1, 2, 3 ) during Withdrawal	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
578HG39	Counterfeit Note List Note Number Set Error When Receive BC SERIAL NO Command (Use '*' When Search Note Number Part) during Withdrawal	1. Check the forged notes list's note numbers.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
578HG4A	BC MODE SET Bill Management Level Set Error (Over 1~5) during Withdrawal	1. Check the check number when registering check number.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
578HG4B	Over The Number of BC MODE SET Back Codes (Over 15) during Withdrawal	1. Check check number table's length.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
578HG40	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use End Number at First When Search Note Number Part) during Withdrawal	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
578HG41	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use Start Number at Last When Search Note Number Part) during Withdrawal	1. Check check total number of tables.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
578HG42	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Wrong Start/End Number Order When Search Note Number Part) during Withdrawal	1. Check check management mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
578HG43	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Use Wrong Length Value When Search Note Number Part) during Withdrawal	1. Check the number of check issued by our bank code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
578HG44	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Use Wrong Nation Code When Search Note Number Part) during Withdrawal	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
578HG45	Not Receive The Number of Bill Number Tables and CRC When Receive Check No Write Command during Withdrawal	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
578HG46	Bill Number Error When Receive Check No Write Command during Withdrawal	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
578HG47	Bill Number Table Length Set Error When Receive Check No Write Command (Length Over 0~50) during Withdrawal	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
578HG48	Bill Number Table CRC Error When Receive Check No Write Command during Withdrawal	1. Check the forged notes list's country-code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
578HG49	Over The Number of Bill Number Tables When Receive Check No Write Command (Over 5) during Withdrawal	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
578HH01	Fail to Delete NAND FLASH during Withdrawal	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
578HH02	NAND FLASH Delete BLOCK Set Error When Download Detection DB during Withdrawal	1. Download DB again after checking recognition DB's delete index.2. Operate to initialize BRM(Recovery)
578HH03	Fail to Download Detection DB during Withdrawal	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
578HH04	NAND FLASH Download BLOCK Set Error When Download Detection DB during Withdrawal	1. Download DB again after checking recognition DB's index.2. Operate to initialize BRM(Recovery)
578HH05	Detection DB Download File Check Error during Withdrawal	1. Download DB again after checking recognition DB file.2. Operate to initialize BRM(Recovery)
578HH06	Detection DB Download File Size Error during Withdrawal	1. Download DB again after checking recognition DB download file.2. Operate to initialize BRM(Recovery)
578HH07	DB Table Save Error After Download Detection DB during Withdrawal	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
578HH08	Over Detection DB Download (Over 10) during Withdrawal	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
578HH09	Detection DB Header Information Error during Withdrawal	1. Download DB again after deleting recognition DB.2. Operate to initialize BRM(Recovery)
578HH10	EP Download Fail during Withdrawal	1. Re-download BC EP.2. Change the BC B/D if continuous error.
578HH11	EP Download Check Error during Withdrawal	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
578HH12	EP Download File Size Error during Withdrawal	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
578HH13	EP Download File ID Error (Not EPAP/EPBT/EPFP) during Withdrawal	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
578HH14	BC FPGA Download Fail during Withdrawal	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
578HH15	Header Information Save Error After BC FPGA Download during Withdrawal	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
578HH16	Not Provide BC FPGA Download during Withdrawal	1. Check BC FPGA VERSION.2. Change the BC B/D if continuous error.
578HH17	EEPROM READ/WRITE Error during Withdrawal	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
578HH18	Receive Unit Serial Number Undefined Option during Withdrawal	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
578HH19	Receive USB Undefined Command during Withdrawal	1. Check USB Command from BC and retry the operation.2. Check BC version and Update EP3. Change the BC B/D if continuous error.
578HH20	No BC Process Note When Receive Image Upload Command during Withdrawal	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
578HH21	FC1 Set Error When Receive Image Upload Command during Withdrawal	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
578HH22	BC is Processing Note When Receive Image Upload Command during Withdrawal	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
578HH23	FC2 Set Error When Receive Image Upload Command during Withdrawal	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
578HH24	Not Provide Total Image Upload Function during Withdrawal	1. Check if SP or TM is out of date.2. Initialize the BRM.3. If initialization does not fix the problem, contact the technician.
578HH25	Not Provide Note Number Detection Image Upload Function during Withdrawal	1. Check BC image save mode.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
578HH26	FC2 Set Error When Receive Image Information Upload Command during Withdrawal	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.

Problem Code	Problem Description	Troubleshooting
578HH27	BRM Transaction Mode is Not Same with Image Upload Command Mode during Withdrawal	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
578HH28	BRM Transaction Mode is Not Same with Replenishment/Collect Cash Image Upload Command Mode during Withdrawal	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
578HH29	No BC Process Note When Receive Replenishment/Collect Cash Image Upload Command during Withdrawal	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
578HH3A	FC1 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Withdrawal	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
578HH3B	BC is Processing Note When Receive Replenishment/Collect Cash Image Upload Command during Withdrawal	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
578HH3C	FC2 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Withdrawal	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
578HH3D	Not Provide Replenishment/Collect Cash Image Upload Function during Withdrawal	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
578HH3E	Note Image Upload Index is Not Same When Receive Replenishment/Collect Cash Image Upload Command during Withdrawal	1. Get BC log and image.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
578HI01	RecogTask Messeage Timeout Error during Withdrawal	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
578HI02	ScanTask Messeage Timeout Error during Withdrawal	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
578HI03	UartTask Messeage Timeout Error during Withdrawal	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
578HI04	BcUsbTask Messeage Timeout Error during Withdrawal	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
578HJ01	Algorithm Initialize Fail during Withdrawal	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
578HJ02	Algorithm Ready Fail during Withdrawal	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
578HJ03	Algorithm Information Set Error during Withdrawal	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
578HK01	Table CRC Error When Set Poly-Note Withdrawal Information during Withdrawal	1. Retry the operation

Problem Code	Problem Description	Troubleshooting
578HK02	CST Note Information Set Number Error When Set Poly-Note Withdrawal Information (n is 0 or over 256) during Withdrawal	1. Check the number of CST Setting notes info
578HK03	Withdrawal Note Number Set Error When Set Poly-Note Withdrawal Information ( n is 0 or over 3000) during Withdrawal	1. Check Withdrawal notes setting
578HK04	Note Information (Not CST Set Note) is Set in Withdrawal Note Information When Set Poly-Note Withdrawal Information during Withdrawal	1. Check Withdrawal notes info
578HS01	FPGA Write Data Error When Initialize Scan Driver during Withdrawal	1. Retry the operation.2. Operate to initialize BRM(Recovery)
578HS02	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver during Withdrawal	1. Retry the operation.2. Operate to initialize BRM(Recovery)
578HS03	Fail to Set CIS Led On Value When Initialize Scan Driver during Withdrawal	1. Retry the operation.2. Operate to initialize BRM(Recovery)
578HS04	Fail to Set Source of Scan Light When Initialize Scan Driver during Withdrawal	1. Retry the operation.2. Operate to initialize BRM(Recovery)
578HS05	Not Process Shading When Initialize Scan Driver during Withdrawal	1. Perform CiS Shading.2. Operate to initialize BRM(Recovery)
578HS08	Fail to Set DAC When Initialize Scan Driver during Withdrawal	1. Retry the operation.2. Operate to initialize BRM(Recovery)
578HS11	FPGA Write Data Error When BC Ready during Withdrawal	1. Retry the operation.2. Operate to initialize BRM(Recovery)
578HS12	Fail to Power On When BC Ready Sensor(MR/UV/DD/Encoder/Entry Sensor) during Withdrawal	1. Retry the operation.2. Operate to initialize BRM(Recovery)
578HS13	Fail to Set CIS Led On Value When BC Ready during Withdrawal	1. Retry the operation.2. Operate to initialize BRM(Recovery)
578HS14	Fail to Set Source of Scan Ligh When BC Ready during Withdrawal	1. Retry the operation.2. Operate to initialize BRM(Recovery)
578HS15	Not Process Shading When BC Ready during Withdrawal	1. Retry the operation.2. Operate to initialize BRM(Recovery)
578HS17	Fail to Set AFE Chip When BC Ready during Withdrawal	1. Retry the operation.2. Operate to initialize BRM(Recovery)
578HS18	Fail to Set DAC When BC Ready during Withdrawal	1. Retry the operation.2. Operate to initialize BRM(Recovery)
578HS19	MR/UV/DD Sampling Start Error When BC Ready during Withdrawal	1. Retry the operation.2. Operate to initialize BRM(Recovery)
578HS2A	Fail to Set 2-Notes DAC When BC Ready during Withdrawal	1. Perform calibration info about double notes or one note.2. Operate to initialize BRM(Recovery)
578HS2B	2-Notes to 1-Note Adjust Information Error When BC Ready during Withdrawal	1. Retry the operation.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
578HS22	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver When Stop BC during Withdrawal	1. Retry the operation.2. Operate to initialize BRM(Recovery)
578HS28	Fail to Set DAC When Stop BC during Withdrawal	1. Retry the operation.2. Operate to initialize BRM(Recovery)
578HS29	MR/UV/DD Sampling Stop Error When Stop BC during Withdrawal	1. Check whether double notes sensor is contaminate or not.2. Check whether double notes sensor is connected.3. Retry the operation.4. Change the BC if continuous error.
578HS31	BC Ready Fail When Process CIS Shading – Use in Plant during Withdrawal	1. Perform calibration info about double notes or one note and double notes DAC2. Retry the operation
578HS32	Dark Adjust Fail When Process CIS Shading – Use in Plant during Withdrawal	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Change CIS and Cable5. Change BC
578HS33	Over Target Gap When Process CIS Shading Shading – Use in Plant during Withdrawal	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
578HS34	Fail to Write Result Value Flash When Process CIS Shading – Use in Plant during Withdrawal	1. Retry the operation2. Change BC
578HS35	BC Stop Fail When Process CIS Shading – Use in Plant during Withdrawal	1. Retry the operation2. Change BC
578HS36	Over 10Pixel-Excess-Image When Process CIS Shading during Withdrawal	1. Retry the operation2. Check CIS note quility and setting status3. Check CIS Connection Status4. Change BC
578HS37	Dark Shading Result Value is Standard Over When Process CIS Shading during Withdrawal	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Retry the operation5. Change BC
578HS38	Max Ontime Ove When Process CIS Shadingr – Use in Plant during Withdrawal	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
578HS39	Fail to Set Source of Shading Light When Process CIS Shading – Use in Plant during Withdrawal	1. Retry the operation2. Change BC
578HS41	Fail to Adjust 2-Notes DAC (Less Than MIN) – Use in Plant during Withdrawal	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the opeartion4. Change BC
578HS42	Fail to Adjust 2-Notes DAC (Over MAX) – Use in Plant during Withdrawal	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the opeartion4. Change BC
578HS43	2-Notes Adjust Flash Write Fail – Use in Plant during Withdrawal	1. Retry the operation2. Change BC
578R100	BC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
578R200	BC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
578R300	BC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
578R600	BC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
578S100	BCU response MI error during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
578S200	BCU response BCC error during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
578S300	BCU response Sub MI error during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
578S400	BCU response Parameter error during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
578S900	BCU response Timeout Error during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
57A2100	Error occurred by notes remained in GS801 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
57A2200	Error occurred by notes remained in GS002 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
57A2300	Error occurred by notes remained in GS003 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
57A2400	Error occurred by notes remained in GS004 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
57A2500	Error occurred by notes remained in GS005 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
57A2600	Error occurred by notes remained in GS006 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
57A2700	Error occurred by notes remained in GS014 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
57A2800	Error occurred by notes remained in GS018 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
57A2900	Error occurred by notes remained in GS020 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
57A2A00	Error occurred by notes remained in GS021 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
57A2C00	Error occurred by the notes remained in the BCU(CIS Sensor or DD Sensor) during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
57A2E00	Error occurred by notes remained in GS001 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
57A2H00	Error occurred by notes remained in GS618 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
57A2J00	Error occurred by notes remained in GS619 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
57A2K00	Error occurred by notes remained in GS701,702 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
57A2M00	Error occurred by notes remained in GSA01 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
57A2N00	Error occurred by notes remained in GSA02 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
57A2P00	Error occurred by notes remained in GSA03 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
57A2Q00	Error occurred by notes remained in GSD01 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
57A2W00	Error occurred by notes remained in GS802 during Withdrawal	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
57AA100	UTC open Error before operation Withdrawal	1. Open the upper unit. 2. Check the UTC removal and reinstallation
57AA200	TSK open Error before operation Withdrawal	1. Open the upper unit. 2. Check the TSK open and close
57AA300	BMU Inter Lock Error before operation Withdrawal	1. Check BMU open and close
57AA400	BMU open Error before operation Withdrawal	1. Check BMU open and close
57AA500	Replenishment CST open Error before operation Withdrawal	1. Check the Transit CST installation
57AA600	CSM open Error before operation Withdrawal	1. Open the upper unit. 2. Check CSM Open/Close
57AA800	BMD Inter Lock Error before operation Withdrawal	1. Open the lower unit. 2. Check the BMD open and close
57AA900	BMD open Error before operation Withdrawal	1. Open the lower unit. 2. Check the BMD open and close
57AAA00	BC Open Error before operation Withdrawal	1. Open the upper unit. 2. Check BC Open/Close
57AAB00	RC Full Error before operation Withdrawal	1. Open the lower unit. 2. Check RC Full and remove notes
57AAC00	RJC Full Error before operation Withdrawal	1. Open the upper unit. 2. Check RJC Full and remove notes
57AAD00	UTC Full Error before operation Withdrawal	1. Open the upper unit. 2. Remove UTC and open the UTC Door3. Remove notes and reinstallation UTC
57AAE00	RTC Full Error before operation Withdrawal	1. Open the lower unit. 2. Remove RT/RJC and open the Door3. Remove notes and reinstall RT/RJC
57AAF00	RC Empty Error before operation Withdrawal	1. Open the lower unit. 2. Remove RC and open the RC Door, Check the Empty Status3. Reinstall the RC
57AAG00	Suspected note RC open Error before operation Withdrawal	1. Open the lower unit. 2. Check the RC removal and reinstall

Problem Code	Problem Description	Troubleshooting
57AAJ00	Withdrawal is not supported in the setting Test Mode	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
57AE100	Received operation command without Initial Info Set during Withdrawal	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
57AE200	Status on not operation reception command during Withdrawal	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
57AE300	Received operation command without System Info Read during Withdrawal	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
57AE400	Transaction was executed without Initializing after power on during Withdrawal	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
57AEE00	RBU RS485 communication sequence disorder during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
57AEF00	RBU RS485 connection line disorder during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
57AEL00	RBU communication was not ready after power on during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
57AH600	Failure to check clearing NVRAM during Withdrawal	1. Operate to initialize BRM(Recovery)
57AHF00	Transaction count exists but GS801A sensor no change during Withdrawal	1. Check GS801A2. Operate to initialize BRM(Recovery)
57AHG00	Transaction count exists but GS801B sensor no change during Withdrawal	1. Check GS801B2. Operate to initialize BRM(Recovery)
57AHH00	Transaction count exists but GS802A sensor no change during Withdrawal	1. Check GS802A2. Operate to initialize BRM(Recovery)
57AHJ00	Transaction count exists but GS802B sensor no change during Withdrawal	1. Check GS802B2. Operate to initialize BRM(Recovery)
57ANA00	CSM stack count is different with BC Normal Pass count during Withdrawal	1. Operate to initialize BRM(Recovery)
57ANF00	UTC stack count is different with fake count during withdrawal	1. Operate to initialize BRM(Recovery)
57ANL00	Request count is more than Residue count during withdrawal	1. Check RC actual count and SPL screen count.2. Setting RC count match actual count.3. Operate to initialize BRM(Recovery)
57AR100	Message timeout error during operation ready during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
57AR200	Message timeout error during transation operation during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
57AR300	Message timeout error during error postprocessing during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
57AR800	RBU/BC sensor auto dimming response message timeout error during Withdrawal	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
57ARC00	BC response message timeout error during Withdrawal	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
57ARJ00	Message timeout error during Stop Ready during Withdrawal	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
57AS700	Comparative error when denomination/note count set during Withdrawal	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
57ASB00	No UTC to stack forged/doubted notes in case of forged/doubted note detection setting during withdrawal	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
57ASD00	Set Count in DPC or RJC during Withdrawal	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
57ASM00	RC6 is not possible for Withdrawal during Withdrawal	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
57ASP00	RC7 is not possible for Withdrawal during Withdrawal	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
57ASR00	Max withdrawal count excess request error during Withdrawal	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
57ASS00	RC1 is not possible for Withdrawal during Withdrawal	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
57AST00	RC2 is not possible for Withdrawal during Withdrawal	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
57ASU00	RC3 is not possible for Withdrawal during Withdrawal	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
57ASV00	RC4 is not possible for Withdrawal during Withdrawal	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
57ASW00	RC5 is not possible for Withdrawal during Withdrawal	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
57ASX00	Requested withdrawal count is more than the Residue in the Cassette during Withdrawal	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
57ASY00	Requested count is 0 during Withdrawal	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
57ASZ00	No Separation RC during Withdrawal+Requested count 0 or RC breakdown) during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
57BH100	RC1 EEPROM Read Error during Withdrawal	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
57BH200	RC2 EEPROM Read Error during Withdrawal	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
57BH300	RC3 EEPROM Read Error during Withdrawal	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
57BH400	RC4 EEPROM Read Error during Withdrawal	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
57BH500	RC5 EEPROM Read Error during Withdrawal	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
57BH600	RC6 EEPROM Read Error during Withdrawal	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
57BH700	RC1 EEPROM Write Error during Withdrawal	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
57BH800	RC2 EEPROM Write Error during Withdrawal	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
57BH900	RC3 EEPROM Write Error during Withdrawal	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
57BHA00	RC4 EEPROM Write Error during Withdrawal	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
57BHB00	RC5 EEPROM Write Error during Withdrawal	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
57BHC00	RC6 EEPROM Write Error during Withdrawal	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
57BHD00	RC1 EEPROM Verify Error during Withdrawal	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
57BHE00	RC2 EEPROM Verify Error during Withdrawal	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
57BHF00	RC3 EEPROM Verify Error during Withdrawal	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
57BHG00	RC4 EEPROM Verify Error during Withdrawal	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization

Problem Code	Problem Description	Troubleshooting
57BHH00	RC5 EEPROM Verify Error during Withdrawal	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
57BHJ00	RC6 EEPROM Verify Error during Withdrawal	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
57BHK00	BMD Open Error During EEPROM Read/Write during Withdrawal	1. Check the lower Unit load/removal
57BHU00	BMD EEPROM Read Error during Withdrawal	1. Replace RBU B/D
57BHV00	BMD EEPROM Write Error during Withdrawal	1. Replace RBU B/D
57BHW00	BMD EEPROM Verify Error during Withdrawal	1. Replace RBU B/D
57BHX00	RC7 EEPROM Read Error during Withdrawal	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
57BHY00	RC7 EEPROM Write Error during Withdrawal	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
57BHZ00	RC7 EEPROM Verify Error during Withdrawal	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
57BR000	RBU Response Timeout during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
57BR700	RBU Response Message Timeout during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
57BS100	RBU RS-232 Seq Num Echo Error during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
57BS200	RBU RS-232 MI Echo Error during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
57BSS00	RBU Auto Calibration Command Parameter Error during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
57C0100	RC6 GSC01 Light Jam during Withdrawal	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57C0200	RC6 GSC02 Light Jam during Withdrawal	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57C0500	RC6 GSC05 Light Jam during Withdrawal	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(8)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
57C0Z00	RC6 All Light Jam during Withdrawal	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
57C1100	RC6 GSC01 Dark Jam during Withdrawal	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57C1200	RC6 GSC02 Dark Jam during Withdrawal	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57C1500	RC6 GSC05 Dark Jam during Withdrawal	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57C1Z00	RC6 All Dark Jam during Withdrawal	1. Operate to initialize BRM.(Recovery)
57C2100	Error occurred by notes remained in RC6 GSC01 during Withdrawal	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57C2200	Error occurred by notes remained in RC6 GSC02 during Withdrawal	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57C2500	Error occurred by notes remained in RC6 GSC05 during Withdrawal	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57C2Z00	Error occurred by notes remained in RC6 All during Withdrawal	1. Operate to initialize BRM.(Recovery)
57C3100	Sensor auto calibration error in RC6 GSC01 during Withdrawal	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57C3200	Sensor auto calibration error in RC6 GSC02 during Withdrawal	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57C3500	Sensor auto calibration error in RC6 GSC05 during Withdrawal	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57C3Z00	Sensor auto calibration error in RC6 All during Withdrawal	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
57C4100	Extern lights check error in RC6 GSC01 during Withdrawal	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57C4200	Extern lights check error in RC6 GSC02 during Withdrawal	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57C4500	Extern lights check error in RC6 GSC05 during Withdrawal	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57C4Z00	Extern lights check error in RC6 All during Withdrawal	1. Operate to initialize BRM.(Recovery)
57C5100	Path error on transport path in RC6 GSC01 during Withdrawal	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57C5200	Path error on transport path in RC6 GSC02 during Withdrawal	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57C5500	Path error on transport path in RC6 GSC05 during Withdrawal	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57C5Z00	Path error on transport path in RC6 All during Withdrawal	1. Operate to initialize BRM.(Recovery)
57C6100	Path error on sensor except for transport path in RC6 GSC01 during Withdrawal	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57C6200	Path error on sensor except for transport path in RC6 GSC02 during Withdrawal	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57C6500	Path error on sensor except for transport path in RC6 GSC05 during Withdrawal	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57C6Z00	Path error on sensor except for transport path in RC6 All during Withdrawal	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
57C7100	Error occurred by the notes disorder in RC6 GSC01 during Withdrawal	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57C7200	Error occurred by the notes disorder in RC6 GSC02 during Withdrawal	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57C7500	Error occurred by the notes disorder in RC6 GSC05 during Withdrawal	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57C7Z00	Error occurred by the notes disorder in RC6 All during Withdrawal	1. Operate to initialize BRM.(Recovery)
57CC100	RC6 Miss-Pickup during Withdrawal	1. Open the lower unit.2. Open the Mid Transport Path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check the upper and the notes.
57CC200	Exceeded number of retries for RC6 separation error during Withdrawal.	1. Open the lower unit.2. Open the Mid Transport Path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check the upper and the notes.
57CC400	RJC Last Note No Front detect during Withdrawal	1. Open the lower unit.2. Open the Mid Transport Path.3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check the upper and the notes.
57CG100	RC6 Failure of returning notes (GSC01,GSC02 Sensors detect no notes) during Withdrawal	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57CG200	RC6 Failure to move PP to stack position during Withdrawal	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(8). 4. Open the recycle cassette door(8).5. Check cassette status to move stage up and down.
57CG400	RC6 Failure to upword moving of PP during RC6 stack roller retreat movement during Withdrawal	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(8). 4. Open the recycle cassette door(8).5. Check cassette status to move stage up and down.
57CG500	RC6 Failure to stack roller retreat (GSC13 Sensor no change) during Withdrawal	1. Open the lower unit.2. Open the Mid Transport Path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
57CG600	RC6 Stack Roller retreat position disorder during RC Separation during Withdrawal	1. Open the lower unit.2. Open the Mid Transport Path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
57CG700	RC6 RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GSC07) no change) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
57CG800	RC6 Failure to move PP to press position (GSC08 Sensor Dark Fail) during Withdrawal	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(8).4. Check the stage status after open the recycle cassette(8).5. Check the upper side of the recycle cassette
57CGA00	RC6 RC Solenoid Echo error during Withdrawal	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8) and reload.4. Replace the cassette when same error occurs.
57CGB00	RC6 Feed Roller homeposition Sensor(GSC07) Light detect fail during RC Stack during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
57CGC00	RC6 Feed Roller homeposition Sensor(GSC07) Dark detect fail during RC Stack during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
57CGD00	RC6 GSC01,GSC02 Detect notes during move RC Feed Roller to homeposition during Withdrawal	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57CGE00	RC6 GSC08 detect dark before move RC Feed Roller to homeposition during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
57CFG00	RC6 Notes Setting error during initialize (GSC14, Bottom Sensor(GSC12) both dark) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
57CGG00	RC6 Stack Roller Sensor(GSC13) detect light during RC FM Stack during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
57CGH00	RC6 Stack Roller Sensor(GSC13) detect dark during RC FM Stack during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
57CGJ00	RC6 RC Stack Roller retreat fail (Motor Overrun) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
57CGK00	RC6 RC Stack Roller retreat fail (Motor speed error) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
57CGL00	RC6 RC Feed Roller homeposition fail (Motor speed error) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
57CGQ00	RJC Press and Stack position fail during Withdrawal	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
57CGR00	RJC Stack position fail during Withdrawal	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
57CGS00	RC6 RJC Press position fail during Withdrawal	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
57CGT00	RC6 GSC51 fail to detect dark when PP moves down during RJC PP Stack during Withdrawal	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
57CGU00	RC6 GSC51 fail to detect light when PP moves down during RJC PP Stack during Withdrawal	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
57CGV00	RC6 GSC52 fail to detect dark when PP moves down during RJC PP Stack during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
57CGW00	RC6 GSC51 fail to detect light when PP moves down during RJC initialize during Withdrawal	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
57CGX00	RC6 GSC01 detects notes during RJC intialize during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57CJ100	RC6 RJC Full during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
57CJ200	RC6 RC No Residue during Withdrawal	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(8).4. Check the notes remain after open the recycle cassette door(8).5. Fill up the Notes if there are no notes
57CJ300	RC6 Full,Bottom no detect before move RC PP to stack position during Withdrawal	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(8).4. Check the stage status after open the recycle cassette(8).5. Check contamination of GS111/GS112 sensor.
57CK100	RC6 separation request notes is 0 during Withdrawal	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
57CNL00	RC6 Requested notes is more than Residue notes,separation stop during Withdrawal	1. Check RC6 actual count and SPL screen count.2. Setting RC6 count match actual count.3. Operate to initialize BRM(Recovery)
57CR100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
57CR200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
57CR300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
57CR600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
57CRF00	RC6 Feed Motor response timeout during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
57CRP00	RC6 PP response timeout during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
57CS200	RC6 Receive undefined command during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
57CS300	RC6 Task not for separation receive separation command during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
57CSA00	RC6 Sub Task receive undefined command during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
57CSR00	RC6 Sub Task for Wait Setting Error during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
57CSZ00	No enable RC to separate during Withdrawal, Collect Cash, Withdrawal for adjustment (The number of requested notes is 1 or RC out of work)	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
57E0100	CST GS901 Light Jam during Withdrawal	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
57E0200	CST GS902 Light Jam during Withdrawal	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
57E0500	CST GS905 Light Jam during Withdrawal	1. Remove note in the transit path.2. Open the transit cassette door after remove the cassette.3. Remove note in the upper side.
57E0Z00	CST All Light Jam during Withdrawal	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
57E1100	CST GS901 Dark Jam during Withdrawal	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
57E1200	CST GS902 Dark Jam during Withdrawal	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
57E1500	CST GS905 Dark Jam during Withdrawal	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
57E1Z00	CST All Dark Jam during Withdrawal	1. Operate to initialize BRM.(Recovery)
57E2100	Error occurred by notes remained in CST GS901 during Withdrawal	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
57E2200	Error occurred by notes remained in CST GS902 during Withdrawal	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
57E2500	Error occurred by notes remained in CST GS905 during Withdrawal	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
57E2Z00	Error occurred by notes remained in CST All during Withdrawal	1. Operate to initialize BRM.(Recovery)
57E3100	Sensor auto calibration error in CST GS901 during Withdrawal	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
57E3200	Sensor auto calibration error in CST GS902 during Withdrawal	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
57E3500	Sensor auto calibration error in CST GS905 during Withdrawal	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
57E3Z00	Sensor auto calibration error in CST All during Withdrawal	1. Operate to initialize BRM.(Recovery)
57E4100	Extern lights check error in CST GS901 during Withdrawal	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
57E4200	Extern lights check error in CST GS902 during Withdrawal	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
57E4500	Extern lights check error in CST GS905 during Withdrawal	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
57E4Z00	Extern lights check error in CST All during Withdrawal	1. Operate to initialize BRM.(Recovery)
57E5100	Path error on transport path in CST GS901 during Withdrawal	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
57E5200	Path error on transport path in CST GS902 during Withdrawal	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
57E5500	Path error on transport path in CST GS905 during Withdrawal	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
57E5Z00	Path error on transport path in CST All during Withdrawal	1. Operate to initialize BRM.(Recovery)
57E6100	Path error on sensor except for transport path in CST GS901 during Withdrawal	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
57E6200	Path error on sensor except for transport path in CST GS902 during Withdrawal	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
57E6500	Path error on sensor except for transport path in CST GS905 during Withdrawal	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
57E6Z00	Path error on sensor except for transport path in CST All during Withdrawal	1. Operate to initialize BRM.(Recovery)
57E7100	Error occurred by the notes disorder in CST GS901 during Withdrawal	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
57E7200	Error occurred by the notes disorder in CST GS902 during Withdrawal	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
57E7500	Error occurred by the notes disorder in CST GS905 during Withdrawal	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
57E7Z00	Error occurred by the notes disorder in CST All during Withdrawal	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
57EC100	CST Miss-Pickup during Withdrawal	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check the upper and the notes.
57EC200	Exceeded number of retries for CST separation error during Withdrawal.	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check the upper and the notes.
57EC400	CST Last Note No Front detect during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check the upper and the notes.
57EG100	CST Failure of returning notes (GS901,GS902 Sensors detect no notes) during Withdrawal	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
57EG200	CST Failure to move PP to stack position during Withdrawal	1. Remove the transit cassette.2. Open the cassette door.3. Check the stage status.
57EG400	CST Failure to upword moving of PP during RC stack roller retreat movement during Withdrawal	1. Remove the transit cassette.2. Open the cassette door.3. Check the stage status.
57EG500	CST Failure to stack roller retreat (GS913 Sensor no change) during Withdrawal	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
57EG600	CST Stack Roller retreat position disorder during RC Separation during Withdrawal	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
57EG700	CST RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS907) no change) during Withdrawal	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
57EG800	CST Failure to move PP to press position (GS908 Sensor Dark Fail) during Withdrawal	1. Remove the transit cassette.2. Check the stage status after open the cassette.3. Check the upper side of the cassette
57EGA00	CST RC Solenoid Echo error during Withdrawal	1. Reload the transit cassette after removing the cassette.2. Change the cassette when same error occur.
57EGB00	CST Feed Roller homeposition Sensor(GS907) Light detect fail during RC Stack during Withdrawal	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
57EGC00	CST Feed Roller homeposition Sensor(GS907) Dark detect fail during RC Stack during Withdrawal	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
57EGD00	CST GS901,GS902 Detect notes during move RC Feed Roller to homeposition during Withdrawal	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
57EGE00	CST GS908 detect dark before move RC Feed Roller to homeposition during Withdrawal	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note.

Problem Code	Problem Description	Troubleshooting
57EGF00	CST Notes Setting error during initialize (GS914, Bottom Sensor(GS912) both dark) during Withdrawal	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note.
57EGG00	CST Stack Roller Sensor(GS913) detect light during RC FM Stack during Withdrawal	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
57EGH00	CST Stack Roller Sensor(GS913) detect dark during RC FM Stack during Withdrawal	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
57EGJ00	CST RC Stack Roller retreat fail (Motor Overrun) during Withdrawal	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
57EGK00	CST RC Stack Roller retreat fail (Motor speed error) during Withdrawal	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
57EGL00	CST RC Feed Roller homeposition fail (Motor speed error) during Withdrawal	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
57EJ200	CST No Residue during Withdrawal	1. Remove the transit cassette.2. Check the notes remain after open the cassette door.3. Fill up the Notes if there are no notes
57EJ300	CST Full,Bottom no detect before move RC PP to stack position during Withdrawal	1. Remove the transit cassette.2. Check the stage status after open the cassette.3. Check the upper side of the cassette
57EK100	CST separation request notes is 0 during Withdrawal	1. Operate to initialize BRM.(Recovery)
57ENL00	CST Requested notes is more than Residue notes,separation stop during Withdrawal	1. Check CST actual count and SPL screen count.2. Setting CST count match actual count.3. Operate to initialize BRM(Recovery)
57ER100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
57ER200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
57ER300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
57ER600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
57ERF00	CST Feed Motor response timeout during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
57ERP00	CST PP response timeout during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
57ES200	CST Receive undefined command during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
57ES300	CST RC Task not for separation receive separation command during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
57ESA00	CST RC Sub Task receive undefined command during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
57ESR00	CST Sub Task for Wait Setting Error during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
57ESZ00	No enable RC to separate during Withdrawal, Collect Cash, Withdrawal for adjustment (The number of requested notes is 1 or RC out of work)	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
57F0100	RC7 GSF01 Light Jam during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57F0200	RC7 GSF02 Light Jam during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57F0500	RC7 GSF05 Light Jam during Withdrawal	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(F)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
57F0Z00	RC7 All Light Jam during Withdrawal	1. Operate to initialize BRM.(Recovery)
57F1100	RC7 GSF01 Dark Jam during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57F1200	RC7 GSF02 Dark Jam during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57F1500	RC7 GSF05 Dark Jam during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57F1Z00	All RC7 Sensor Dark Jam during Withdrawal	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
57F2100	Error occurred by notes remained in RC7 GSF01 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57F2200	Error occurred by notes remained in RC7 GSF02 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57F2500	Error occurred by notes remained in RC7 GSF05 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57F2Z00	Error occurred by notes remained in All RC7 Sensor during Withdrawal	1. Operate to initialize BRM.(Recovery)
57F3100	RC7 GSF01 Sensor auto calibration error during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57F3200	RC7 GSF02 Sensor auto calibration error during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57F3500	RC7 GSF05 Sensor auto calibration error during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57F3Z00	All RC7 Sensor auto calibration error during Withdrawal	1. Operate to initialize BRM.(Recovery)
57F4100	RC7 GSF01 Extern lights check error during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57F4200	RC7 GSF02 Extern lights check error during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57F4500	RC7 GSF05 Extern lights check error during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57F4Z00	All RC7 Sensor Extern lights check error during Withdrawal	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
57F5100	RC7 GSF01 Path error on transport path during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57F5200	RC7 GSF02 Path error on transport path during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57F5500	RC7 GSF05 Path error on transport path during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57F5Z00	All RC7 Sensor Path error on transport path during Withdrawal	1. Operate to initialize BRM.(Recovery)
57F6100	RC7 GSF01 Path error on sensor except for transport path during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57F6200	RC7 GSF02 Path error on sensor except for transport path during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57F6500	RC7 GSF05 Path error on sensor except for transport path during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57F6Z00	RC7 All Path error on sensor except for transport path during Withdrawal	1. Operate to initialize BRM.(Recovery)
57F7100	Error occurred by the notes disorder in RC7 GSF01 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57F7200	Error occurred by the notes disorder in RC7 GSF02 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57F7500	Error occurred by the notes disorder in RC7 GSF05 during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57F7Z00	Error occurred by the notes disorder in RC7 All during Withdrawal	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
57FC100	RC Miss-Pickup during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check the upper and the notes.
57FC200	Exceeded number of retries for RC7 separation error during Withdrawal.	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F)..4. Put down the Stage after open the cassette(F) door.5. Remove note in the upper side.6. Check the upper and the notes.
57FG100	RC7 Failure of returning notes (GSF01,GSF02 Sensors detect no notes) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57FG200	RC7 Failure to move PP to stack position during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (A)4. Open the recycle cassette door(A) 5. Check cassette status to move stage up and down
57FG400	RC7 Failure to upword moving of PP during RC7 stack roller retreat movement during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (A)4. Open the recycle cassette door(A) 5. Check cassette status to move stage up and down
57FG500	RC7 Failure to stack roller retreat (GS113 Sensor no change) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
57FG600	RC7 Stack Roller retreat position disorder during RC Separation during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
57FG700	RC7 Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GSF07) no change) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
57FG800	RC7 Failure to move PP to press position (GSF08 Sensor Dark Fail) during Withdrawal	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(F).4. Check the stage status after open the recycle cassette(F).5. Check the upper side of the recycle cassette
57FGA00	RC7 Solenoid Echo error during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F) and reload4. Replace the cassette when same error occurs
57FGB00	RC7 Feed Roller homeposition Sensor(GSF07) Light detect fail during RC Stack during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
57FGC00	RC7 Feed Roller homeposition Sensor(GSF07) Dark detect fail during RC Stack during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
57FGD00	RC7 GSF01,GSF02 Detect notes during move RC Feed Roller to homeposition during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
57FGE00	RC7 GSF08 detect dark before move RC Feed Roller to homeposition during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note.
57FGF00	RC7 Notes Setting error during initialize (GSF14, Bottom Sensor(GSF12) both dark) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note.
57FGG00	RC7 Stack Roller Sensor(GS113) detect light during RC FM Stack during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
57FGH00	RC7 Stack Roller Sensor(GS113) detect dark during RC FM Stack during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
57FGJ00	RC7 Stack Roller retreat fail (Motor Overrun) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
57FGK00	RC7 Stack Roller retreat fail (Motor speed error) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
57FGL00	RC7 Feed Roller homeposition fail (Motor speed error) during Withdrawal	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
57FJ200	RC7 No Residue during Withdrawal	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(F).4. Check the notes remain after open the recycle cassette door(A).5. Fill up the Notes if there are no notes
57FJ300	Full,Bottom no detect before move RC7 PP to stack position during Withdrawal	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(F).4. Check the stage status after open the recycle cassette(F).5. Check contamination of GSF11/GSF12 sensor.
57FK100	RC7 separation request notes is 0 during Withdrawal	1. Operate to initialize BRM.(Recovery)
57FNL00	RC7 Requested notes is more than Residue notes,separation stop during Withdrawal	1. Check RC7 actual count and SPL screen count.2. Setting RC7 count match actual count.3. Operate to initialize BRM(Recovery)
57FRF00	RC7 Feed Motor response timeout during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
57FRP00	RC7 PP response timeout during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
57FS200	RC7 Receive undefined command during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
57FS300	RC7 Task not for sepratation receive separation command during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
57FSA00	RC7 Sub Task receive undefined command during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
57FSR00	RC7 Sub Task for Wait Setting Error during Withdrawal	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
57US100	USB Bulk Sequence Error during Withdrawal.	1. Restart over AP-SP
57US300	USB Bulk Received Length Error during Withdrawal.	1. Reboot the system
57US400	Message transmission Error from USB to Main Task during Withdrawal.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
57US500	Message reception Error from MainTask to USB during Withdrawal.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
57USCMD	Bulk command data check error during Withdrawal. (USB communication failure)	1. Restart over AP-SP
57USCRC	CRC data check error during Withdrawal. (USB communication failure)	1. Restart over AP-SP
57USLEN	Bulk length error during Withdrawal. (USB communication failure)	1. Restart over AP-SP
581R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
581R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
581R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
581R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
582R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
582R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
582R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
582R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5830100	RC3 GS301 Light Jam during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5830200	RC3 GS302 Light Jam during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5830500	RC3 GS305 Light Jam during Notes Out	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(C)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5831100	RC3 GS301 Dark Jam during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5831200	RC3 GS302 Dark Jam during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5831500	RC3 GS305 Dark Jam during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5832100	Error occurred by notes remained in RC3 GS301 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5832200	Error occurred by notes remained in RC3 GS302 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5832500	Error occurred by notes remained in RC3 GS305 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5833100	Sensor auto calibration error in RC3 GS301 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5833200	Sensor auto calibration error in RC3 GS302 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5833500	Sensor auto calibration error in RC3 GS305 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5834100	Extern lights check error in RC3 GS301 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5834200	Extern lights check error in RC3 GS302 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5834500	Extern lights check error in RC3 GS305 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5835100	Path error on transport path in RC3 GS301 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5835200	Path error on transport path in RC3 GS302 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5835500	Path error on transport path in RC3 GS305 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5836100	Path error on sensor except for transport path in RC3 GS301 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5836200	Path error on sensor except for transport path in RC3 GS302 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5836500	Path error on sensor except for transport path in RC3 GS305 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5837100	Error occurred by the notes disorder in RC3 GS301 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5837200	Error occurred by the notes disorder in RC3 GS302 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5837500	Error occurred by the notes disorder in RC3 GS305 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
583L100	Remaining notes stack process error in RC3 GS301 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
583L200	Remaining notes stack process error in RC3 GS302 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
583L500	Remaining notes stack process error in RC3 GS305 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
583R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
583R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
583R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
583R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5840100	RC4 GS401 Light Jam during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5840200	RC4 GS402 Light Jam during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5840500	RC4 GS405 Light Jam during Notes Out	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(D)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5841100	RC4 GS401 Dark Jam during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5841200	RC4 GS402 Dark Jam during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5841500	RC4 GS405 Dark Jam during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5842100	Error occurred by notes remained in RC4 GS401 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5842200	Error occurred by notes remained in RC4 GS402 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5842500	Error occurred by notes remained in RC4 GS405 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5843100	Sensor auto calibration error in RC4 GS401 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5843200	Sensor auto calibration error in RC4 GS402 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5843500	Sensor auto calibration error in RC4 GS405 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5844100	Extern lights check error in RC4 GS401 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5844200	Extern lights check error in RC4 GS402 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5844500	Extern lights check error in RC4 GS405 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5845100	Path error on transport path in RC4 GS401 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5845200	Path error on transport path in RC4 GS402 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5845500	Path error on transport path in RC4 GS405 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5846100	Path error on sensor except for transport path in RC4 GS401 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5846200	Path error on sensor except for transport path in RC4 GS402 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5846500	Path error on sensor except for transport path in RC4 GS405 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5847100	Error occurred by the notes disorder in RC4 GS401 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5847200	Error occurred by the notes disorder in RC4 GS402 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5847500	Error occurred by the notes disorder in RC4 GS405 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
584L100	Remaining notes stack process error in RC4 GS401 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
584L200	Remaining notes stack process error in RC4 GS402 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
584L500	Remaining notes stack process error in RC4 GS405 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
584R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
584R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
584R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
584R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5850100	RC5 GS501 Light Jam during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5850200	RC5 GS502 Light Jam during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5850500	RC5 GS505 Light Jam during Notes Out	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(E)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5851100	RC5 GS501 Dark Jam during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5851200	RC5 GS502 Dark Jam during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5851500	RC5 GS505 Dark Jam during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5852100	Error occurred by notes remained in RC5 GS501 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5852200	Error occurred by notes remained in RC5 GS502 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5852500	Error occurred by notes remained in RC5 GS505 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5853100	Sensor auto calibration error in RC5 GS501 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5853200	Sensor auto calibration error in RC5 GS502 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5853500	Sensor auto calibration error in RC5 GS505 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5854100	Extern lights check error in RC5 GS501 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5854200	Extern lights check error in RC5 GS502 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5854500	Extern lights check error in RC5 GS505 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5855100	Path error on transport path in RC5 GS501 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5855200	Path error on transport path in RC5 GS502 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5855500	Path error on transport path in RC5 GS505 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5856100	Path error on sensor except for transport path in RC5 GS501 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5856200	Path error on sensor except for transport path in RC5 GS502 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5856500	Path error on sensor except for transport path in RC5 GS505 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5857100	Error occurred by the notes disorder in RC5 GS501 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5857200	Error occurred by the notes disorder in RC5 GS502 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5857500	Error occurred by the notes disorder in RC5 GS505 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
585L100	Remaining notes stack process error in RC5 GS501 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
585L200	Remaining notes stack process error in RC5 GS502 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
585L500	Remaining notes stack process error in RC5 GS505 during Notes Out	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
585R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
585R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
585R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
585R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5862100	CSM Residue Error during Notes Out	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5862200	CSM No separation notes Error during Notes Out	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5862300	CSM insert notes excess Error during Notes Out	1. Operate to initialize BRM(Recovery)2. Check inserting notes into the CSM are over 300 counts at one time3. If BRM does not recovery open the outer/inner Shutter of CSM3.Remove notes and substance in the CSM(1)
5862500	CSM notes disappear Error during Notes Out	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5862600	CSM notes appear Error during Notes Out	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
586Z00	CSM Residue Error during Notes Out	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
586B100	CSM Notes insert position Error during Notes Out	1. Return Notes to customer(Semi OK Code)2. If Notes don't retrun open the outer/inner Shutter and remove the notes
586B200	CSM Notes in abnormal position(GS601,GS603,GS610,GS611,GS616 중) after ready separation during Notes Out	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
586B300	CSM Separate Mis-pickup during Notes Out	1. Return Notes to customer(Semi OK Code)2. If Notes don't retrun open the outer/inner Shutter and remove the notes
586B400	CSM Separate disorder Jam (Front Skew) during Notes Out	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
586B600	CSM Separate disorder Jam (Over Max Length) during Notes Out	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
586B700	CSM Separate disorder Jam (Less Min Length) during Notes Out	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
586B800	CSM Separate disorder Dark Jam during Notes Out	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
586B900	CSM Low speed control 30 times over Error during Notes Out	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
586BA00	CSM Over separation notes during collect lost notes during Notes Out	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
586BE00	CSM Residue Notes in separation part after separation during Notes Out	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
586G100	Fail to move CSM BP to Stack Position during Notes Out	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
586G200	Fail to move CSM BP to Deposit Position during Notes Out	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly

Problem Code	Problem Description	Troubleshooting
586G300	Fail to move CSM BP to Separation Position during Notes Out	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
586G500	Fail to move CSM BP to Note-Out Position during Notes Out	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
586G600	Fail to move CSM P-Roller to Home position during Notes Out	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
586G800	Fail to CSM return notes during Notes Out	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
586G900	CSM GM601 Step out during Notes Out	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
586GA00	Fail to move CSM BP to return note Position during Notes Out	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
586GB00	Fail to move CSM FP to Deposit Position during Notes Out	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Press and release FP check the FP rotate smoothly5. Check GS652 status(Dark & Light)
586GF00	Fail to move CSM G-Roller to Homeposition during Notes Out	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
586GG00	Fail to move both CSM P/G-Roller to Homeposition during Notes Out	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
586M200	CSM Inner Shutter Open Error during Notes Out	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
586M300	CSM Inner Shutter Close Error during Notes Out	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
586M700	CSM Inner Shutter Open during Stack during Notes Out	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light

Problem Code	Problem Description	Troubleshooting
586M800	CSM Stopper Home position Fail during Notes Out	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move PP Front5. Move Bill Stopper forward/backward and check GS668 sensor status6. Initialize
586M900	CSM Stopper Stack position Fail during Notes Out	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move PP Front5. Move Bill Stopper forward/backward and check GS668 sensor status6. Initialize
586MB00	CSM Bill Supporter Up position Fail during Notes Out	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Check the failure and breakage of Bill Lifter/Support5. Initialize
586MC00	CSM Bill Supporter Down position Fail during Notes Out	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Check the failure and breakage of Bill Lifter/Support5. Initialize
586P100	CSM PP Withdrawal(Stack) position Fail during Notes Out	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
586P200	CSM PP Deposit position Fail during Notes Out	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
586P300	CSM PP Separation position Fail during Notes Out	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
586P400	CSM PP collect lost notes position Fail during Notes Out	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
586P500	CSM PP Note-out position Fail during Notes Out	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
586P600	CSM PP Note-arrange position Fail during Notes Out	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize

Problem Code	Problem Description	Troubleshooting
586P800	CSM PP Control Stack Fail during Notes Out	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
586P900	CSM PP Return note position Fail during Notes Out	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
586PD00	CSM PP Check semi-note Fail during Notes Out	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
586PE00	CSM PP Bill SuCSM PPorter Up position Fail during Notes Out	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
586R100	CSM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
586R200	CSM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
586R300	CSM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
586R600	CSM response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
586RB00	CSM BP response timeout during Notes Out	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
586RF00	CSM Feed Motor response timeout during Notes Out	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
586RL00	CSM Lift response timeout during Notes Out	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
586RP00	CSM PP response timeout during Notes Out	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
586RR00	CSM Bill supporter response timeout during Notes Out	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
586RS00	CSM Inner Shutter response timeout during Notes Out	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
586RT00	CSM Stopper response timeout during Notes Out	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
586SA00	CSM Receive undefined command during Notes Out	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
586SR00	CSM Sub Task for Wait Setting Error during Notes Out	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5872100	Error occurred by notes remained in TSK GS701 during Notes Out	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5872200	Error occurred by notes remained in TSK GS702 during Notes Out	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5872300	Error occurred by notes remained in TSK GS703,4 during Notes Out	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5872Z00	Error occurred by notes remained in TSK All Sensor during Notes Out	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5877100	Error occurred by the notes disorder in TSK GS701 during Notes Out	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5877200	Error occurred by the notes disorder in TSK GS702 during Notes Out	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5877300	Error occurred by the notes disorder in TSK GS703,4 during Notes Out	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5877Z00	Error occurred by the notes disorder in TSK All during Notes Out	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
587C200	TSK Last note unclear during separation during Notes Out	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) 4. Close the upper unit5. Initialize
587L100	Remaining notes stack process error in TSK GS701 during Notes Out	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)

Problem Code	Problem Description	Troubleshooting
587L200	Remaining notes stack process error in TSK GS702 during Notes Out	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
587L300	Remaining notes stack process error in TSK GS703,4 during Notes Out	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
587LZ00	Remaining notes stack process error in TSK All during Notes Out	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
587R100	TSK response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
587R200	TSK response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
587R300	TSK response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
587R600	TSK response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
588HA01	GS801A Sensor Error during Notes Out	1. Check GS801A2. Operate to initialize BRM(Recovery)
588HA02	GS801B Sensor Error during Notes Out	1. Check GS801B2. Operate to initialize BRM(Recovery)
588HA03	GS801A, GS801B Sensor Error during Notes Out	1. Check GS801A, GS801B2. Operate to initialize BRM(Recovery)
588HA04	GS802A Sensor Error during Notes Out	1. Check GS802A2. Operate to initialize BRM(Recovery)
588HA05	GS801A, GS802A Sensor Error during Notes Out	1. Check GS801A, GS802A2. Operate to initialize BRM(Recovery)
588HA06	GS801B, GS802A Sensor Error during Notes Out	1. Check GS801B, GS802A2. Operate to initialize BRM(Recovery)
588HA07	GS801A, GS801B, GS802A Sensor Error during Notes Out	1. Check GS801A, GS801B, GS802A2. Operate to initialize BRM(Recovery)
588HA08	GS802B Sensor Error during Notes Out	1. Check GS802B2. Operate to initialize BRM(Recovery)
588HA09	GS801A, GS802B Sensor Error during Notes Out	1. Check GS801A, GS802B2. Operate to initialize BRM(Recovery)
588HA10	GS801B, GS802B Sensor Error during Notes Out	1. Check GS801B, GS802B2. Operate to initialize BRM(Recovery)
588HA11	GS801A, GS801B, GS802B Sensor Error during Notes Out	1. Check GS801A, GS801B, GS802B2. Operate to initialize BRM(Recovery)
588HA12	GS802A, GS802B Sensor Error during Notes Out	1. Check GS802A, GS802B2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
588HA13	GS801A, GS802A, GS802B Sensor Error during Notes Out	1. Check GS801A, GS802A, GS802B2. Operate to initialize BRM(Recovery)
588HA14	GS801B, GS802A, GS802B Sensor Error during Notes Out	1. Check GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
588HA15	GS801A, GS801B, GS802A, GS802B Sensor Error during Notes Out	1. Check GS801A, GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
588HB01	MR Sensor Level Error during Notes Out	1. Check MR Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
588HC02	UV_01 Sensor Level Error during Notes Out	1. Check UV Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
588HF03	CIS Shading data loading Fail during Notes Out	1. Operate shading in the BC CIS2. Operate to initialize BRM(Recovery)
588HF04	Detection DB Table loading Fail during Notes Out	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
588HF05	BC FPGA Data checksum Fail during Notes Out	1. Check to BC FPGA File2. Operate to initialize BRM(Recovery)
588HF06	BC FPGA Configuration Fail during Notes Out	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
588HF07	BC FPGA Header Information Loading Fail during Notes Out	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
588HF08	BC FPGA Initialize Fail during Notes Out	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
588HF09	BC FPGA VERSION Fail during Notes Out	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
588HF11	Detection DB #01 loading Fail during Notes Out	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
588HF12	Detection DB #02 loading Fail during Notes Out	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
588HF13	Detection DB #03 loading Fail during Notes Out	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
588HF14	Detection DB #04 loading Fail during Notes Out	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
588HF15	Detection DB #05 loading Fail during Notes Out	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
588HF16	Detection DB #06 loading Fail during Notes Out	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
588HF17	Detection DB #07 loading Fail during Notes Out	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
588HF18	Detection DB #08 loading Fail during Notes Out	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
588HF19	Detection DB #09 loading Fail during Notes Out	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
588HF20	Detection DB #10 loading Fail during Notes Out	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
588HG01	Mode Set Error When Receive BC MODE Command (Mode Value is not 1 or 2 ) during Notes Out	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
588HG02	Detection Level Set Error When Receive BC MODE Command (Detection Level Value is 0 ) during Notes Out	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
588HG03	BC Transaction Ready Fail When Receive BC READY Command during Notes Out	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
588HG04	Mode Set Error When Receive BC READY Command (Mode Value is not 1 or 2 ) during Notes Out	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
588HG05	Detection Level Set Error When Receive BC READY Command (Detection Level Value is 0 ) during Notes Out	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
588HG06	BC Entry Direction Set Error When Receive BC READY Command (Not Deposit/Withdrawal/Stack Direction ) during Notes Out	1. Check BC putting direction.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
588HG07	Receive BC Unknown Command during Notes Out	1. Check BC reception full command.1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization.
588HG08	The Number of Nations Set Error When Receive BC DATA WRITE Command (Over 0, 10) during Notes Out	1. Check the number of supported country.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
588HG09	Nation Code Set Error When Receive BC DATA WRITE Command during Notes Out	1. Check the supported country code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
588HG10	Detection DB of the Nation is not exist When Receive BC DATA WRITE Command during Notes Out	1. Check the BC recognition DB of country.2. Download DB again after delecting all recognition DB3. Operate to initialize BRM(Recovery)4. Reboot the system when same error occurred after initialization.
588HG11	No Nation Code When Receive BC READY Command during Notes Out	1. Check the country setting value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
588HG12	BC Version Value Set Error When Receive BC DATA WRITE Command (Not BC FPGA) during Notes Out	1. Check the BC specifications devision and BC FPGA specifications.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initializatio
588HG20	Fail to Initialize CIS When Receive BC READY Command during Notes Out	1. Operate to initialize BRM(Recovery)2. Check CIS part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
588HG21	Fail to ENCODER POWER ON When Receive BC READY Command during Notes Out	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.

Problem Code	Problem Description	Troubleshooting
588HG22	Fail to adjust DD Sensor DAC When Receive BC READY Command during Notes Out	1. Operate to initialize BRM(Recovery)2. Check whether the sensor is contaminated or not if same error occurs after Initialize3. Reboot the system when same error occurs even though there is no substance.
588HG23	DD Sensor DAC Set Error When Receive BC READY Command during Notes Out	1. Operate to initialize BRM(Recovery)2. Check DD sensor part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
588HG24	ENCODER Mode Set Error When Receive BC READY Command during Notes Out	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance
588HG30	Counterfeit Note List CRC Error When Receive BC SERIAL NO Command during Notes Out	1. Check the forged notes list CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
588HG31	Not Receive The Number of Counterfeit Note Lists and CRC When Receive BC SERIAL NO Command during Notes Out	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
588HG32	Over The Number of Counterfeit Note Lists When Receive BC SERIAL NO Command (Over 200) during Notes Out	1. Check the whole number of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
588HG33	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Nation Code 0) during Notes Out	1. Check the country code of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
588HG34	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Length Over 2~29) during Notes Out	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
588HG36	Note Number Detection Mode Set Error When Receive BC MODE Command (Mode Value is Not 0, 1, 2) during Notes Out	1. Check to the recognized mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
588HG37	Transaction Classification Set Error When Receive BC MODE Command (Classification Value is Not 0, 1, 2) during Notes Out	1. Check to the transaction setting.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
588HG38	Counterfeit Note List Search Classification Set Error When Receive BC SERIAL NO Command <b>위조지폐 목록 검색 구분 설정 오류</b> (Classification Value is Not 1, 2, 3 ) during Notes Out	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
588HG39	Counterfeit Note List Note Number Set Error When Receive BC SERIAL NO Command (Use '*' When Search Note Number Part) during Notes Out	1. Check the forged notes list's note numbers.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
588HG4A	BC MODE SET Bill Management Level Set Error (Over 1~5) during Notes Out	1. Check the check number when registering check number.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
588HG4B	Over The Number of BC MODE SET Back Codes (Over 15) during Notes Out	1. Check check number table's length.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
588HG40	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use End Number at First When Search Note Number Part) during Notes Out	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
588HG41	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use Start Number at Last When Search Note Number Part) during Notes Out	1. Check check total number of tables.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
588HG42	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Wrong Start/End Number Order When Search Note Number Part) during Notes Out	1. Check check management mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
588HG43	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Use Wrong Length Value When Search Note Number Part) during Notes Out	1. Check the number of check issued by our bank code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
588HG44	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Use Wrong Nation Code When Search Note Number Part) during Notes Out	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
588HG45	Not Receive The Number of Bill Number Tables and CRC When Receive Check No Write Command during Notes Out	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
588HG46	Bill Number Error When Receive Check No Write Command during Notes Out	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
588HG47	Bill Number Table Length Set Error When Receive Check No Write Command (Length Over 0~50) during Notes Out	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
588HG48	Bill Number Table CRC Error When Receive Check No Write Command during Notes Out	1. Check the forged notes list's country-code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
588HG49	Over The Number of Bill Number Tables When Receive Check No Write Command (Over 5) during Notes Out	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
588HH01	Fail to Delete NAND FLASH during Notes Out	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
588HH02	NAND FLASH Delete BLOCK Set Error When Download Detection DB during Notes Out	1. Download DB again after checking recognition DB's delete index.2. Operate to initialize BRM(Recovery)
588HH03	Fail to Download Detection DB during Notes Out	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
588HH04	NAND FLASH Download BLOCK Set Error When Download Detection DB during Notes Out	1. Download DB again after checking recognition DB's index.2. Operate to initialize BRM(Recovery)
588HH05	Detection DB Download File Check Error during Notes Out	1. Download DB again after checking recognition DB file.2. Operate to initialize BRM(Recovery)
588HH06	Detection DB Download File Size Error during Notes Out	1. Download DB again after checking recognition DB download file.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
588HH07	DB Table Save Error After Download Detection DB during Notes Out	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
588HH08	Over Detection DB Download (Over 10) during Notes Out	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
588HH09	Detection DB Header Information Error during Notes Out	1. Download DB again after deleting recognition DB.2. Operate to initialize BRM(Recovery)
588HH10	EP Download Fail during Notes Out	1. Re-download BC EP.2. Change the BC B/D if continuous error.
588HH11	EP Download Check Error during Notes Out	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
588HH12	EP Download File Size Error during Notes Out	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
588HH13	EP Download File ID Error (Not EPAP/EPBT/EPFP) during Notes Out	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
588HH14	BC FPGA Download Fail during Notes Out	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
588HH15	Header Information Save Error After BC FPGA Download during Notes Out	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
588HH16	Not Provide BC FPGA Download during Notes Out	1. Check BC FPGA VERSION.2. Change the BC B/D if continuous error.
588HH17	EEPROM READ/WRITE Error during Notes Out	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
588HH18	Receive Unit Serial Number Undefined Option during Notes Out	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
588HH19	Receive USB Undefined Command during Notes Out	1. Check USB Command from BC and retry the operation2. Check BC version and Update EP3. Change the BC B/D if continuous error.
588HH20	No BC Process Note When Receive Image Upload Command during Notes Out	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
588HH21	FC1 Set Error When Receive Image Upload Command during Notes Out	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
588HH22	BC is Processing Note When Receive Image Upload Command during Notes Out	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
588HH23	FC2 Set Error When Receive Image Upload Command during Notes Out	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
588HH24	Not Provide Total Image Upload Function during Notes Out	1. Check if SP or TM is out of date.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.

Problem Code	Problem Description	Troubleshooting
588HH25	Not Provide Note Number Detection Image Upload Function during Notes Out	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
588HH26	FC2 Set Error When Receive Image Information Upload Command during Notes Out	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
588HH27	BRM Transaction Mode is Not Same with Image Upload Command Mode during Notes Out	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
588HH28	BRM Transaction Mode is Not Same with Replenishment/Collect Cash Image Upload Command Mode during Notes Out	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
588HH29	No BC Process Note When Receive Replenishment/Collect Cash Image Upload Command during Notes Out	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
588HH3A	FC1 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Notes Out	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
588HH3B	BC is Processing Note When Receive Replenishment/Collect Cash Image Upload Command during Notes Out	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
588HH3C	FC2 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Notes Out	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
588HH3D	Not Provide Replenishment/Collect Cash Image Upload Function during Notes Out	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
588HH3E	Note Image Upload Index is Not Same When Receive Replenishment/Collect Cash Image Upload Command during Notes Out	1. Get BC log and image.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
588HI01	RecogTask Messeage Timeout Error during Notes Out	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
588HI02	ScanTask Messeage Timeout Error during Notes Out	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
588HI03	UartTask Messeage Timeout Error during Notes Out	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
588HI04	BcUsbTask Messeage Timeout Error during Notes Out	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
588HJ01	Algorithm Initialize Fail during Notes Out	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
588HJ02	Algorithm Ready Fail during Notes Out	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
588HJ03	Algorithm Information Set Error during Notes Out	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
588HK01	Table CRC Error When Set Poly-Note Withdrawal Information during Notes Out	1. Retry the operation
588HK02	CST Note Information Set Number Error When Set Poly-Note Withdrawal Information (n is 0 or over 256) during Notes Out	1. Check the number of CST Setting notes info
588HK03	Withdrawal Note Number Set Error When Set Poly-Note Withdrawal Information ( n is 0 or over 3000) during Notes Out	1. Check Withdrawal notes setting
588HK04	Note Information (Not CST Set Note) is Set in Withdrawal Note Information When Set Poly-Note Withdrawal Information during Notes Out	1. Check Withdrawal notes info
588HS01	FPGA Write Data Error When Initialize Scan Driver during Notes Out	1. Retry the operation.2. Operate to initialize BRM(Recovery)
588HS02	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver during Notes Out	1. Retry the operation.2. Operate to initialize BRM(Recovery)
588HS03	Fail to Set CIS Led On Value When Initialize Scan Driver during Notes Out	1. Retry the operation.2. Operate to initialize BRM(Recovery)
588HS04	Fail to Set Source of Scan Light When Initialize Scan Driver during Notes Out	1. Retry the operation.2. Operate to initialize BRM(Recovery)
588HS05	Not Process Shading When Initialize Scan Driver during Notes Out	1. Perform CiS Shading.2. Operate to initialize BRM(Recovery)
588HS08	Fail to Set DAC When Initialize Scan Driver during Notes Out	1. Retry the operation.2. Operate to initialize BRM(Recovery)
588HS11	FPGA Write Data Error When BC Ready during Notes Out	1. Retry the operation.2. Operate to initialize BRM(Recovery)
588HS12	Fail to Power On When BC Ready Sensor(MR/UV/DD/Encoder/Entry Sensor) during Notes Out	1. Retry the operation.2. Operate to initialize BRM(Recovery)
588HS13	Fail to Set CIS Led On Value When BC Ready during Notes Out	1. Retry the operation.2. Operate to initialize BRM(Recovery)
588HS14	Fail to Set Source of Scan Ligh When BC Ready during Notes Out	1. Retry the operation.2. Operate to initialize BRM(Recovery)
588HS15	Not Process Shading When BC Ready during Notes Out	1. Retry the operation.2. Operate to initialize BRM(Recovery)
588HS17	Fail to Set AFE Chip When BC Ready during Notes Out	1. Retry the operation.2. Operate to initialize BRM(Recovery)
588HS18	Fail to Set DAC When BC Ready during Notes Out	1. Retry the operation.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
588HS19	MR/UV/DD Sampling Start Error When BC Ready during Notes Out	1. Retry the operation.2. Operate to initialize BRM(Recovery)
588HS2A	Fail to Set 2-Notes DAC When BC Ready during Notes Out	1. Perform calibration info about double notes or one note.2. Operate to initialize BRM(Recovery)
588HS2B	2-Notes to 1-Note Adjust Information Error When BC Ready during Notes Out	1. Retry the operation.2. Operate to initialize BRM(Recovery)
588HS22	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver When Stop BC during Notes Out	1. Retry the operation.2. Operate to initialize BRM(Recovery)
588HS28	Fail to Set DAC When Stop BC during Notes Out	1. Retry the operation.2. Operate to initialize BRM(Recovery)
588HS29	MR/UV/DD Sampling Stop Error When Stop BC during Notes Out	1. Check whether double notes sensor is contaminate or not.2. Check whether double notes sensor is connected.3. Retry the operation.4. Change the BC if continuous error.
588HS31	BC Ready Fail When Process CIS Shading – Use in Plant during Notes Out	1. Perform calibration info about double notes or one note and double notes DAC2. Retry the operation
588HS32	Dark Adjust Fail When Process CIS Shading – Use in Plant during Notes Out	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Change CIS and Cable5. Change BC
588HS33	Over Target Gap When Process CIS Shading Shading – Use in Plant during Notes Out	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
588HS34	Fail to Write Result Value Flash When Process CIS Shading – Use in Plant during Notes Out	1. Retry the operation2. Change BC
588HS35	BC Stop Fail When Process CIS Shading – Use in Plant during Notes Out	1. Retry the operation2. Change BC
588HS36	Over 10Pixel-Excess-Image When Process CIS Shading during Notes Out	1. Retry the operation2. Check CIS note quility and setting status3. Check CIS Connection Status4. Change BC
588HS37	Dark Shading Result Value is Standard Over When Process CIS Shading during Notes Out	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Retry the operation5. Change BC
588HS38	Max Ontime Ove When Process CIS Shadingr – Use in Plant during Notes Out	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
588HS39	Fail to Set Source of Shading Light When Process CIS Shading – Use in Plant during Notes Out	1. Retry the operation2. Change BC
588HS41	Fail to Adjust 2-Notes DAC (Less Than MIN) – Use in Plant during Notes Out	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the opertion4. Change BC
588HS42	Fail to Adjust 2-Notes DAC (Over MAX) – Use in Plant during Notes Out	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the opertion4. Change BC
588HS43	2-Notes Adjust Flash Write Fail – Use in Plant during Notes Out	1. Retry the operation2. Change BC
588R100	BC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
588R200	BC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
588R300	BC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
588R600	BC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
588S100	BCU response MI error during Notes Out	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
588S200	BCU response BCC error during Notes Out	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
588S300	BCU response Sub MI error during Notes Out	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
588S400	BCU response Parameter error during Notes Out	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
588S900	BCU response Timeout Error during Notes Out	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
58AA100	UTC open Error before operation Notes Out	1. Open the upper unit. 2. Check the UTC removal and reinstallation
58AA200	TSK open Error before operation Notes Out	1. Open the upper unit. 2. Check the TSK open and close
58AA300	BMU Inter Lock Error before operation Notes Out	1. Check BMU open and close
58AA400	BMU open Error before operation Notes Out	1. Check BMU open and close
58AA500	Replenishment CST open Error before operation Notes Out	1. Check the Transit CST installation
58AA600	CSM open Error before operation Notes Out	1. Open the upper unit. 2. Check CSM Open/Close
58AA800	BMD Inter Lock Error before operation Notes Out	1. Open the lower unit. 2. Check the BMD open and close
58AA900	BMD open Error before operation Notes Out	1. Open the lower unit. 2. Check the BMD open and close
58AAA00	BC Open Error before operation Notes Out	1. Open the upper unit. 2. Check BC Open/Close
58AAB00	RC Full Error before operation Notes Out	1. Open the lower unit. 2. Check RC Full and remove notes
58AAC00	RJC Full Error before operation Notes Out	1. Open the upper unit. 2. Check RJC Full and remove notes
58AAD00	UTC Full Error before operation Notes Out	1. Open the upper unit. 2. Remove UTC and open the UTC Door3. Remove notes and reinstallation UTC

Problem Code	Problem Description	Troubleshooting
58AAE00	RTC Full Error before operation Notes Out	1. Open the lower unit. 2. Remove RT/RJC and open the Door3. Remove notes and reinstall RT/RJC
58AAF00	RC Empty Error before operation Notes Out	1. Open the lower unit. 2. Remove RC and open the RC Door, Check the Empty Status3. Reinstall the RC
58AAG00	Suspected note RC open Error before operation Notes Out	1. Open the lower unit. 2. Check the RC removal and reinstall
58AE100	Received operation command without Initial Info Set during Notes Out	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
58AE200	Status on not operation reception command during Notes Out	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
58AE300	Received operation command without System Info Read during Notes Out	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
58AE400	Transaction was executed without Initializing after power on during Notes Out	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
58AEE00	RBU RS485 communication sequence disorder during Notes Out	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
58AEF00	RBU RS485 connection line disorder during Notes Out	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
58AEL00	RBU communication was not ready after power on during Notes Out	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
58AH600	Failure to check clearing NVRAM during Notes Out	1. Operate to initialize BRM(Recovery)
58AR100	Message timeout error during operation ready during Notes Out	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
58AR200	Message timeout error during transation operation during Notes Out	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
58AR300	Message timeout error during error postprocessing during Notes Out	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
58AR800	RBU/BC sensor auto dimming response message timeout error during Notes Out	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
58ARC00	BC response message timeout error during Notes Out	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
58ARJ00	Message timeout error during Stop Ready during Notes Out	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
58BR000	RBU Response Timeout during Notes Out	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
58BR700	RBU Response Message Timeout during Notes Out	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
58BS100	RBU RS-232 Seq Num Echo Error during Notes Out	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
58BS200	RBU RS-232 MI Echo Error during Notes Out	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
58BSS00	RBU Auto Calibration Command Parameter Error during Notes Out	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
58CR100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
58CR200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
58CR300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
58CR600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
58ER100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
58ER200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
58ER300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
58ER600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
58US100	USB Bulk Sequence Error during Notes Out.	1. Restart over AP-SP
58US300	USB Bulk Received Length Error during Notes Out.	1. Reboot the system
58US400	Message transmission Error from USB to Main Task during Notes Out.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
58US500	Message reception Error from MainTask to USB during Notes Out.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
58USCMD	Bulk command data check error during Notes Out. (USB communication failure)	1. Restart over AP-SP

Problem Code	Problem Description	Troubleshooting
58USCRC	CRC data check error during Notes Out. (USB communication failure)	1. Restart over AP-SP
58USLEN	Bulk length error during Notes Out. (USB communication failure)	1. Restart over AP-SP
590R100	BM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
590R200	BM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
590R300	BM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
590SZ00	Receive undefined command during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
591G100	RC1 Failure of returning notes (GS101,GS102 Sensors detect no notes) during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
591G200	RC1 Failure to move PP to stack position during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (A)4. Open the recycle cassette door(A) 5. Check cassette status to move stage up and down
591G400	RC1 Failure to upword moving of PP during RC1 stack roller retreat movement during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (A)4. Open the recycle cassette door(A) 5. Check cassette status to move stage up and down
591G500	RC1 Failure to stack roller retreat (GS113 Sensor no change) during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
591G600	RC1 Stack Roller retreat position disorder during RC Separation during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
591G700	RC1 Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS107) no change) during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
591G800	RC1 Failure to move PP to press position (GS108 Sensor Dark Fail) during System Ready	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(A).4. Check the stage status after open the recycle cassette(A).5. Check the upper side of the recycle cassette
591GA00	RC1 Solenoid Echo error during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A) and reload4. Replace the cassette when same error occurs

Problem Code	Problem Description	Troubleshooting
591GB00	RC1 Feed Roller homeposition Sensor(GS107) Light detect fail during RC Stack during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
591GC00	RC1 Feed Roller homeposition Sensor(GS107) Dark detect fail during RC Stack during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
591GD00	RC1 GS101,GS102 Detect notes during move RC Feed Roller to homeposition during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
591GE00	RC1 GS108 detect dark before move RC Feed Roller to homeposition during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (A)4. Put down the Stage after open the recycle cassette door (A)5. Remove note.
591GF00	RC1 Notes Setting error during initialize (GS114, Bottom Sensor(GS112) both dark) during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note.
591GG00	RC1 Stack Roller Sensor(GS113) detect light during RC FM Stack during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
591GH00	RC1 Stack Roller Sensor(GS113) detect dark during RC FM Stack during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
591GJ00	RC1 Stack Roller retreat fail (Motor Overrun) during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
591GK00	RC1 Stack Roller retreat fail (Motor speed error) during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
591GL00	RC1 Feed Roller homeposition fail (Motor speed error) during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
591GS00	RC1 RJC Press position fail during System Ready	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette

Problem Code	Problem Description	Troubleshooting
591GT00	RC1 GS151 fail to detect dark when PP moves down during RJC PP Stack during System Ready	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
591GU00	RC1 GS151 fail to detect light when PP moves down during RJC PP Stack during System Ready	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
591GV00	RC1 GS152 fail to detect dark when PP moves down during RJC PP Stack during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
591GW00	RC1 GS151 fail to detect light when PP moves down during RJC initialize during System Ready	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
591GX00	RC1 GS101 detects notes during RJC intialize during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
591J100	RJC Full during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
591J200	RC1 No Residue during System Ready	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(A).4. Check the notes remain after open the recycle cassette door(A)5. Fill up the Notes if there are no notes
591J300	Full,Bottom no detect before move RC1 PP to stack position during System Ready	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(A).4. Check the stage status after open the recycle cassette(A).5. Check contamination of GS111/GS112 sensor.
591R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
591R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
591R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
591R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
591RF00	RC1 Feed Motor response timeout during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
591RP00	RC1 PP response timeout during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
591S200	RC1 Receive undefined command during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
591S300	RC1 Task not for separation receive separation command during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
591SA00	RC1 Sub Task receive undefined command during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
591SR00	RC1 Sub Task for Wait Setting Error during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5921500	RC2 GS206 Dark Jam during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
592G100	RC2 Failure of returning notes (GS201,GS202 Sensors detect no notes) during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
592G200	RC2 Failure to move PP to stack position during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (B)4. Open the recycle cassette door (B)5. Check cassette status to move stage up and down
592G400	RC2 Failure to upward moving of PP during RC2 stack roller retreat movement during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (B)4. Open the recycle cassette door (B)5. Check cassette status to move stage up and down
592G500	RC2 Failure to stack roller retreat (GS213 Sensor no change) during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
592G600	RC2 Stack Roller retreat position disorder during RC Separation during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
592G700	RC2 Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS207) no change) during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
592G800	RC2 Failure to move PP to press position (GS208 Sensor Dark Fail) during System Ready	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(B).4. Check the stage status after open the recycle cassette(B).5. Check the upper side of the recycle cassette
592GA00	RC2 Solenoid Echo error during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (B) after removing recycle cassette4. Replace the cassette when same error occurs

Problem Code	Problem Description	Troubleshooting
592GB00	RC2 Feed Roller homeposition Sensor(GS207) Light detect fail during RC Stack during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
592GC00	RC2 Feed Roller homeposition Sensor(GS207) Dark detect fail during RC Stack during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
592GD00	RC2 GS201,GS202 Detect notes during move RC Feed Roller to homeposition during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
592GE00	RC2 GS208 detect dark before move RC Feed Roller to homeposition during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note.
592GF00	RC2 Notes Setting error during initialize (GS214, Bottom Sensor(GS212) both dark) during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note.
592GG00	RC2 Stack Roller Sensor(GS213) detect light during RC FM Stack during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
592GH00	RC2 Stack Roller Sensor(GS213) detect dark during RC FM Stack during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
592GJ00	RC2 Stack Roller retreat fail (Motor Overrun) during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
592GK00	RC2 Stack Roller retreat fail (Motor speed error) during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
592GL00	RC2 Feed Roller homeposition fail (Motor speed error) during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
592J200	RC2 No Residue during System Ready	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(B).4. Check the notes remain after open the recycle cassette door(B)5. Fill up the Notes if there are no notes

Problem Code	Problem Description	Troubleshooting
592J300	RC2 Full,Bottom no detect before move RC PP to stack position during System Ready	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(B).4. Check the stage status after open the recycle cassette(B).5. Check contamination of GS211/GS212 sensor.
592R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
592R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
592R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
592R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
592RF00	RC2 Feed Motor response timeout during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
592RP00	RC2 PP response timeout during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
592S200	RC2 Receive undefined command during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
592S300	RC2 Task not for separation receive separation command during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
592SA00	RC2 Sub Task receive undefined command during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
592SR00	RC2 Sub Task for Wait Setting Error during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5930100	RC3 GS301 Light Jam during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5930200	RC3 GS302 Light Jam during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5930500	RC3 GS305 Light Jam during System Ready	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(C).4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).

Problem Code	Problem Description	Troubleshooting
5931100	RC3 GS301 Dark Jam during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5931200	RC3 GS302 Dark Jam during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5931500	RC3 GS305 Dark Jam during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5932100	Error occurred by notes remained in RC3 GS301 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5932200	Error occurred by notes remained in RC3 GS302 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5932500	Error occurred by notes remained in RC3 GS305 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5933100	Sensor auto calibration error in RC3 GS301 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5933200	Sensor auto calibration error in RC3 GS302 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5933500	Sensor auto calibration error in RC3 GS305 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5934100	Extern lights check error in RC3 GS301 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5934200	Extern lights check error in RC3 GS302 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5934500	Extern lights check error in RC3 GS305 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5935100	Path error on transport path in RC3 GS301 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5935200	Path error on transport path in RC3 GS302 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5935500	Path error on transport path in RC3 GS305 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5936100	Path error on sensor except for transport path in RC3 GS301 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5936200	Path error on sensor except for transport path in RC3 GS302 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5936500	Path error on sensor except for transport path in RC3 GS305 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5937100	Error occurred by the notes disorder in RC3 GS301 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5937200	Error occurred by the notes disorder in RC3 GS302 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5937500	Error occurred by the notes disorder in RC3 GS305 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
593G100	RC3 Failure of returning notes (GS301,GS302 Sensors detect no notes) during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
593G200	RC3 Failure to move PP to stack position during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (C)4. Open the recycle cassette door (C)5. Check cassette status to move stage up and down
593G400	RC3 Failure to upword moving of PP during RC3 stack roller retreat movement during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (C)4. Open the recycle cassette door (C)5. Check cassette status to move stage up and down
593G500	RC3 Failure to stack roller retreat (GS313 Sensor no change) during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
593G600	RC3 Stack Roller retreat position disorder during RC Separation during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
593G700	RC3 RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS307) no change) during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
593G800	RC3 Failure to move PP to press position (GS308 Sensor Dark Fail) during System Ready	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(C).4. Check the stage status after open the recycle cassette(C).5. Check the upper side of the recycle cassette
593GA00	RC3 RC Solenoid Echo error during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (C) after removing recycle cassette4. Replace the cassette when same error occurs
593GB00	RC3 Feed Roller homeposition Sensor(GS307) Light detect fail during RC Stack during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
593GC00	RC3 Feed Roller homeposition Sensor(GS307) Dark detect fail during RC Stack during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
593GD00	RC3 GS301,GS302 Detect notes during move RC Feed Roller to homeposition during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
593GE00	RC3 GS308 detect dark before move RC Feed Roller to homeposition during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note.
593GF00	RC3 Notes Setting error during initialize (GS314, Bottom Sensor(GS312) both dark) during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note.
593GG00	RC3 Stack Roller Sensor(GS313) detect light during RC FM Stack during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
593GH00	RC3 Stack Roller Sensor(GS313) detect dark during RC FM Stack during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
593GJ00	RC3 RC Stack Roller retreat fail (Motor Overrun) during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
593GK00	RC3 RC Stack Roller retreat fail (Motor speed error) during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
593GL00	RC3 RC Feed Roller homeposition fail (Motor speed error) during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
593J200	RC3 No Residue during System Ready	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(C).4. Check the notes remain after open the recycle cassette door(C)5. Fill up the Notes if there are no notes
593J300	RC3 Full,Bottom no detect before move RC PP to stack position during System Ready	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(C).4. Check the stage status after open the recycle cassette(C).5. Check contamination of GS311/GS312 sensor.
593L100	Remaining notes stack process error in RC3 GS301 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
593L200	Remaining notes stack process error in RC3 GS302 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
593L500	Remaining notes stack process error in RC3 GS305 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
593R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
593R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
593R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
593R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
593RF00	RC3 Feed Motor response timeout during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
593RP00	RC3 PP response timeout during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
593S200	RC3 Receive undefined command during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
593S300	RC3 RC Task not for separation receive separation command during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
593SA00	RC3 RC Sub Task receive undefined command during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
593SR00	RC3 Sub Task for Wait Setting Error during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5940100	RC4 GS401 Light Jam during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5940200	RC4 GS402 Light Jam during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5940500	RC4 GS405 Light Jam during System Ready	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(D)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5941100	RC4 GS401 Dark Jam during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5941200	RC4 GS402 Dark Jam during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5941500	RC4 GS405 Dark Jam during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5942100	Error occurred by notes remained in RC4 GS401 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5942200	Error occurred by notes remained in RC4 GS402 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5942500	Error occurred by notes remained in RC4 GS405 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5943100	Sensor auto calibration error in RC4 GS401 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5943200	Sensor auto calibration error in RC4 GS402 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5943500	Sensor auto calibration error in RC4 GS405 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5944100	Extern lights check error in RC4 GS401 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5944200	Extern lights check error in RC4 GS402 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5944500	Extern lights check error in RC4 GS405 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5945100	Path error on transport path in RC4 GS401 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5945200	Path error on transport path in RC4 GS402 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5945500	Path error on transport path in RC4 GS405 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5946100	Path error on sensor except for transport path in RC4 GS401 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5946200	Path error on sensor except for transport path in RC4 GS402 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5946500	Path error on sensor except for transport path in RC4 GS405 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5947100	Error occurred by the notes disorder in RC4 GS401 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5947200	Error occurred by the notes disorder in RC4 GS402 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5947500	Error occurred by the notes disorder in RC4 GS405 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
594G100	RC4 Failure of returning notes (GS401,GS402 Sensors detect no notes) during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
594G200	RC4 Failure to move PP to stack position during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (D)4. Open the recycle cassette door (D)5. Check cassette status to move stage up and down
594G400	RC4 Failure to upward moving of PP during RC4 stack roller retreat movement during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (D)4. Open the recycle cassette door (D)5. Check cassette status to move stage up and down
594G500	RC4 Failure to stack roller retreat (GS413 Sensor no change) during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
594G600	RC4 Stack Roller retreat position disorder during RC Separation during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
594G700	RC4 RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS407) no change) during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
594G800	RC4 Failure to move PP to press position (GS408 Sensor Dark Fail) during System Ready	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(D).4. Check the stage status after open the recycle cassette(D).5. Check the upper side of the recycle cassette
594GA00	RC4 RC Solenoid Echo error during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (D) after removing recycle cassette4. Replace the cassette when same error occurs
594GB00	RC4 Feed Roller homeposition Sensor(GS407) Light detect fail during RC Stack during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
594GC00	RC4 Feed Roller homeposition Sensor(GS407) Dark detect fail during RC Stack during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
594GD00	RC4 GS401,GS402 Detect notes during move RC Feed Roller to homeposition during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
594GE00	RC4 GS408 detect dark before move RC Feed Roller to homeposition during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note.
594GF00	RC4 Notes Setting error during initialize (GS414, Bottom Sensor(GS412) both dark) during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note.
594GG00	RC4 Stack Roller Sensor(GS413) detect light during RC FM Stack during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
594GH00	RC4 Stack Roller Sensor(GS413) detect dark during RC FM Stack during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
594GJ00	RC4 RC Stack Roller retreat fail (Motor Overrun) during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
594GK00	RC4 RC Stack Roller retreat fail (Motor speed error) during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
594GL00	RC4 RC Feed Roller homeposition fail (Motor speed error) during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
594J200	RC4 No Residue during System Ready	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(D).4. Check the notes remain after open the recycle cassette door(D)5. Fill up the Notes if there are no notes
594J300	RC4 Full,Bottom no detect before move RC PP to stack position	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(D).4. Check the stage status after open the recycle cassette(D).5. Check contamination of GS411/GS412 sensor.
594L100	Remaining notes stack process error in RC4 GS401 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
594L200	Remaining notes stack process error in RC4 GS402 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
594L500	Remaining notes stack process error in RC4 GS405 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
594R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
594R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
594R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
594R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
594RF00	RC4 Feed Motor response timeout during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
594RP00	RC4 PP response timeout during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
594S200	RC4 Receive undefined command during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
594S300	RC4 RC Task not for separation receive separation command during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
594SA00	RC4 RC Sub Task receive undefined command during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
594SR00	RC4 Sub Task for Wait Setting Error during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5950100	RC5 GS501 Light Jam during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5950200	RC5 GS502 Light Jam during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5950500	RC5 GS505 Light Jam during System Ready	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(E)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5951100	RC5 GS501 Dark Jam during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5951200	RC5 GS502 Dark Jam during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5951500	RC5 GS505 Dark Jam during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5952100	Error occurred by notes remained in RC5 GS501 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5952200	Error occurred by notes remained in RC5 GS502 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5952500	Error occurred by notes remained in RC5 GS505 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5953100	Sensor auto calibration error in RC5 GS501 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5953200	Sensor auto calibration error in RC5 GS502 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5953500	Sensor auto calibration error in RC5 GS505 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5954100	Extern lights check error in RC5 GS501 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5954200	Extern lights check error in RC5 GS502 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5954500	Extern lights check error in RC5 GS505 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5955100	Path error on transport path in RC5 GS501 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5955200	Path error on transport path in RC5 GS502 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5955500	Path error on transport path in RC5 GS505 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5956100	Path error on sensor except for transport path in RC5 GS501 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5956200	Path error on sensor except for transport path in RC5 GS502 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5956500	Path error on sensor except for transport path in RC5 GS505 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5957100	Error occurred by the notes disorder in RC5 GS501 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5957200	Error occurred by the notes disorder in RC5 GS502 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5957500	Error occurred by the notes disorder in RC5 GS505 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
595G100	RC5 Failure of returning notes (GS501,GS502 Sensors detect no notes) during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
595G200	RC5 Failure to move PP to stack position during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (E)4. Open the recycle cassette door (E)5. Check cassette status to move stage up and down
595G400	RC5 Failure to upword moving of PP during RC5 stack roller retreat movement during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (E)4. Open the recycle cassette door (E)5. Check cassette status to move stage up and down
595G500	RC5 Failure to stack roller retreat (GS513 Sensor no change) during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
595G600	RC5 Stack Roller retreat position disorder during RC Separation during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
595G700	RC5 Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS507) no change) during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
595G800	RC5 Failure to move PP to press position (GS508 Sensor Dark Fail) during System Ready	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(E).4. Check the stage status after open the recycle cassette(E).5. Check the upper side of the recycle cassette
595GA00	RC5 Solenoid Echo error during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (E) after removing recycle cassette4. Replace the cassette when same error occurs
595GB00	RC5 Feed Roller homeposition Sensor(GS507) Light detect fail during RC Stack during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
595GC00	RC5 Feed Roller homeposition Sensor(GS507) Dark detect fail during RC Stack during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
595GD00	RC5 GS501,GS502 Detect notes during move RC Feed Roller to homeposition during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
595GE00	RC5 GS508 detect dark before move RC Feed Roller to homeposition during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note.
595GF00	RC5 Notes Setting error during initialize (GS514, Bottom Sensor(GS512) both dark) during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note.
595GG00	RC5 Stack Roller Sensor(GS513) detect light during RC FM Stack during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
595GH00	RC5 Stack Roller Sensor(GS513) detect dark during RC FM Stack during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
595GJ00	RC5 Stack Roller retreat fail (Motor Overrun) during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
595GK00	RC5 Stack Roller retreat fail (Motor speed error) during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
595GL00	RC5 Feed Roller homeposition fail (Motor speed error) during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
595J200	RC5 No Residue during System Ready	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(E).4. Check the notes remain after open the recycle cassette door(E).5. Fill up the Notes if there are no notes
595J300	RC5 Full,Bottom no detect before move RC PP to stack position during System Ready	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(E).4. Check the stage status after open the recycle cassette(E).5. Check contamination of GS511/GS512 sensor.
595L100	Remaining notes stack process error in RC5 GS501 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
595L200	Remaining notes stack process error in RC5 GS502 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
595L500	Remaining notes stack process error in RC5 GS505 during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
595R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
595R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
595R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
595R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
595RF00	RC5 Feed Motor response timeout during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
595RP00	RC5 PP response timeout during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
595S200	RC5 Receive undefined command during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
595S300	RC5 Task not for separation receive separation command during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
595SA00	RC5 Sub Task receive undefined command during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
595SR00	RC5 Sub Task for Wait Setting Error during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5962100	CSM Residue Error during System Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3. Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5962300	CSM insert notes excess Error during System Ready	1. Operate to initialize BRM(Recovery)2. Check inserting notes into the CSM are over 300 counts at one time3. If BRM does not recovery open the outer/inner Shutter of CSM3. Remove notes and substance in the CSM(1)

Problem Code	Problem Description	Troubleshooting
5962500	CSM notes disappear Error during System Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5962600	CSM notes appear Error during System Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5962Z00	CSM Residue Error during during System Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
596B100	CSM Notes insert position Error during System Ready	1. Return Notes to customer(Semi OK Code)2. If Notes don't retrun open the outer/inner Shutter and remove the notes
596B200	CSM Notes in abnormal position(GS601,GS603,GS610,GS611,GS616 중) after ready separation during System Ready	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
596B300	CSM Separate Mis-pickup during System Ready	1. Return Notes to customer(Semi OK Code)2. If Notes don't retrun open the outer/inner Shutter and remove the notes
596B400	CSM Separate disorder Jam (Front Skew) during System Ready	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
596B600	CSM Separate disorder Jam (Over Max Length) during System Ready	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
596B700	CSM Separate disorder Jam (Less Min Length) during System Ready	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
596B800	CSM Separate disorder Dark Jam during System Ready	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
596B900	CSM Low speed control 30 times over Error during System Ready	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
596BA00	CSM Over separation notes during collect lost notes during System Ready	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
596BE00	CSM Residue Notes in separation part after separation during System Ready	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
596G100	Fail to move CSM BP to Stack Position during System Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
596G200	Fail to move CSM BP to Deposit Position during System Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
596G300	Fail to move CSM BP to Separation Position during System Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
596G500	Fail to move CSM BP to Note-Out Position during System Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
596G600	Fail to move CSM P-Roller to Home position during System Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
596G800	Fail to CSM return notes during System Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
596G900	CSM GM601 Step out during System Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
596GA00	Fail to move CSM BP to return note Position during System Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
596GB00	Fail to move CSM FP to Deposit Position during System Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Press and release FP check the FP rotate smoothly5. Check GS652 status(Dark & Light)
596GD00	Fail to move CSM Lift to Up position during System Ready	1. Open the upper unit. 2. Open the customer service module (CSM) shutter(1)3.Check the notes and substance inside of the CSM
596GE00	Fail to move CSM Lift to Down position during System Ready	1. Open the upper unit. 2. Open the customer service module (CSM) shutter(1)3.Check the notes and substance inside of the CSM
596GF00	Fail to move CSM G-Roller to Homeposition during System Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
596GG00	Fail to move both CSM P/G-Roller to Homeposition during System Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status

Problem Code	Problem Description	Troubleshooting
596GS00	RC6 RJC Press position fail during System Ready	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
596M200	CSM Inner Shutter Open Error during System Ready	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
596M300	CSM Inner Shutter Close Error during System Ready	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
596M400	CSM Outer Shutter Open Error during System Ready	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
596M500	CSM Outer Shutter Close Error during System Ready	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
596M600	CSM Outer Shutter is Opened during System Ready	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
596M700	CSM Inner Shutter Open during Stack during System Ready	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
596M800	CSM Stopper Home position Fail during System Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move PP Front5. Move Bill Stopper forward/backward and check GS668 sensor status6. Initialize
596M900	CSM Stopper Stack position Fail during System Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move PP Front5. Move Bill Stopper forward/backward and check GS668 sensor status6. Initialize
596MB00	CSM Bill Supporter Up position Fail during System Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Check the failure and breakage of Bill Lifter/Support5. Initialize
596MC00	CSM Bill Supporter Down position Fail during System Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Check the failure and breakage of Bill Lifter/Support5. Initialize
596P100	CSM PP Withdrawal(Stack) position Fail during System Ready	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize

Problem Code	Problem Description	Troubleshooting
596P200	CSM PP Deposit position Fail during System Ready	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
596P300	CSM PP Separation position Fail during System Ready	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
596P400	CSM PP collect lost notes position Fail during System Ready	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
596P500	CSM PP Note-out position Fail during System Ready	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
596P600	CSM PP Note-arrange position Fail during System Ready	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
596P800	CSM PP Control Stack Fail during System Ready	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
596P900	CSM PP Return note position Fail during System Ready	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
596PD00	CSM PP Check semi-note Fail during System Ready	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
596PE00	CSM PP Bill SuCSM PPorter Up position Fail during System Ready	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize

Problem Code	Problem Description	Troubleshooting
596R100	CSM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
596R200	CSM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
596R300	CSM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
596R600	CSM response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
596RB00	CSM BP response timeout during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
596RF00	CSM Feed Motor response timeout during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
596RL00	CSM Lift response timeout during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
596RP00	CSM PP response timeout during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
596RR00	CSM Bill supporter response timeout during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
596RS00	CSM Inner Shutter response timeout during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
596RT00	CSM Stopper response timeout during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
596SA00	CSM Receive undefined command during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
596SR00	CSM Sub Task for Wait Setting Error during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5972100	Error occurred by notes remained in TSK GS701 during System Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5972200	Error occurred by notes remained in TSK GS702 during System Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)

Problem Code	Problem Description	Troubleshooting
5972300	Error occurred by notes remained in TSK GS703,4 during System Ready	1. Open the upper unit2. Check the notes remain in the TSK(5)3. Check the GS701/GS702/GS706/GS707 Sensor4. Remove notes remain in the TSK
5972Z00	Error occurred by notes remained in TSK All Sensor during System Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5977100	Error occurred by the notes disorder in TSK GS701 during System Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5977200	Error occurred by the notes disorder in TSK GS702 during System Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5977300	Error occurred by the notes disorder in TSK GS703,4 during System Ready	1. Open the upper unit2. Check the notes remain in the TSK(5)3. Check the GS701/GS702/GS706/GS707 Sensor4. Remove notes remain in the TSK
5977Z00	Error occurred by the notes disorder in TSK All during System Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
597C200	TSK Last note unclear during separation during System Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) 4. Close the upper unit5. Initialize
597F300	TSK GM701 F-Roller Homeposition fail during System Ready	1. Open the upper unit2. Open the TM(Test Module)3. Rotate the knob of TSK to check sensor(GS752) change 4. Rotate the knob of TSK(5) to find obstruction out
597G100	GM701 Return notes fail during System Ready	1. Open the upper unit2. Confirm to Rotate a knob of TSK(5) softly
597J100	TSK Full during System Ready	1. Open the upper unit2. Open the TSK(5)3. Check the notes remain in the TSK(5)4. Remove notes remain in the TSK
597L100	Remaining notes stack process error in TSK GS701 during System Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
597L200	Remaining notes stack process error in TSK GS702 during System Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
597L300	Remaining notes stack process error in TSK GS703,4 during System Ready	1. Open the upper unit2. Check the notes remain in the TSK(5)3. Check the GS701/GS702/GS706/GS707 Sensor4. Remove notes remain in the TSK
597LZ00	Remaining notes stack process error in TSK All during System Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
597M100	TSK Stopper Home position for intialize fail during System Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if stopper was obstructed

Problem Code	Problem Description	Troubleshooting
597M200	TSK Stopper Stack position for initialize fail during System Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Check if stopper was obstructed
597M300	TSK Stopper Return note position for initialize fail during System Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Check if stopper was obstructed
597M400	TSK Stopper Lock FP Fail during System Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Check if FP(Front Plate) was obstructed
597M500	TSK Stopper Unlock FP Fail during System Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Check if FP(Front Plate) was obstructed
597P100	FP Sensor detect Dark Fail during System Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Check if PP(Push Plate) was obstructed to rotate PP knob4. Check if FP(Front Plate) was obstructed to rotate
597P200	FP Sensor detect Light Fail during System Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Check if PP(Push Plate) was obstructed to rotate PP knob4. Check if FP(Front Plate) was obstructed to rotate
597P300	PP Press position fail during System Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Check if PP(Push Plate) was obstructed to rotate PP knob
597Q700	TSK Door Open during operation in System Ready	1. Close the door of TSK(5)
597Q900	TSK Door Release fail during operation in System Ready	1. Operate to initialize BRM(Recovery)2. Retry the operation.
597R100	TSK response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
597R200	TSK response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
597R300	TSK response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
597R600	TSK response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
597RF00	TSK Feed Motor response timeout in System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
597RP00	TSK PP response timeout in System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
597RT00	TSK Stopper response timeout in System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
597S200	TSK Receive undefined command in System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
597SR00	TSK Sub Task for Wait Setting Error in System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
598HA01	GS801A Sensor Error during System Ready	1. Check GS801A2. Operate to initialize BRM(Recovery)
598HA02	GS801B Sensor Error during System Ready	1. Check GS801B2. Operate to initialize BRM(Recovery)
598HA03	GS801A, GS801B Sensor Error during System Ready	1. Check GS801A, GS801B2. Operate to initialize BRM(Recovery)
598HA04	GS802A Sensor Error during System Ready	1. Check GS802A2. Operate to initialize BRM(Recovery)
598HA05	GS801A, GS802A Sensor Error during System Ready	1. Check GS801A, GS802A2. Operate to initialize BRM(Recovery)
598HA06	GS801B, GS802A Sensor Error during System Ready	1. Check GS801B, GS802A2. Operate to initialize BRM(Recovery)
598HA07	GS801A, GS801B, GS802A Sensor Error during System Ready	1. Check GS801A, GS801B, GS802A2. Operate to initialize BRM(Recovery)
598HA08	GS802B Sensor Error during System Ready	1. Check GS802B2. Operate to initialize BRM(Recovery)
598HA09	GS801A, GS802B Sensor Error during System Ready	1. Check GS801A, GS802B2. Operate to initialize BRM(Recovery)
598HA10	GS801B, GS802B Sensor Error during System Ready	1. Check GS801B, GS802B2. Operate to initialize BRM(Recovery)
598HA11	GS801A, GS801B, GS802B Sensor Error during System Ready	1. Check GS801A, GS801B, GS802B2. Operate to initialize BRM(Recovery)
598HA12	GS802A, GS802B Sensor Error during System Ready	1. Check GS802A, GS802B2. Operate to initialize BRM(Recovery)
598HA13	GS801A, GS802A, GS802B Sensor Error during System Ready	1. Check GS801A, GS802A, GS802B2. Operate to initialize BRM(Recovery)
598HA14	GS801B, GS802A, GS802B Sensor Error during System Ready	1. Check GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
598HA15	GS801A, GS801B, GS802A, GS802B Sensor Error during System Ready	1. Check GS801A, GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
598HB01	MR Sensor Level Error during System Ready	1. Check MR Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
598HC02	UV_01 Sensor Level Error during System Ready	1. Check UV Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
598HF03	CIS Shading data loading Fail during System Ready	1. Operate shading in the BC CIS2. Operate to initialize BRM(Recovery)
598HF04	Detection DB Table loading Fail during System Ready	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
598HF05	BC FPGA Data checksum Fail during System Ready	1. Check to BC FPGA File2. Operate to initialize BRM(Recovery)
598HF06	BC FPGA Configuration Fail during System Ready	1. Re-download BC FPGA2. Change the BC B/D if continuous error.

Problem Code	Problem Description	Troubleshooting
598HF07	BC FPGA Header Information Loading Fail during System Ready	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
598HF08	BC FPGA Initialize Fail during System Ready	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
598HF09	BC FPGA VERSION Fail during System Ready	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
598HF11	Detection DB #01 loading Fail during System Ready	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
598HF12	Detection DB #02 loading Fail during System Ready	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
598HF13	Detection DB #03 loading Fail during System Ready	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
598HF14	Detection DB #04 loading Fail during System Ready	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
598HF15	Detection DB #05 loading Fail during System Ready	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
598HF16	Detection DB #06 loading Fail during System Ready	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
598HF17	Detection DB #07 loading Fail during System Ready	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
598HF18	Detection DB #08 loading Fail during System Ready	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
598HF19	Detection DB #09 loading Fail during System Ready	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
598HF20	Detection DB #10 loading Fail during System Ready	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
598HG01	Mode Set Error When Receive BC MODE Command (Mode Value is not 1 or 2 ) during System Ready	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
598HG02	Detection Level Set Error When Receive BC MODE Command (Detection Level Value is 0 ) during System Ready	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
598HG03	BC Transaction Ready Fail When Receive BC READY Command during System Ready	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
598HG04	Mode Set Error When Receive BC READY Command (Mode Value is not 1 or 2 ) during System Ready	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
598HG05	Detection Level Set Error When Receive BC READY Command (Detection Level Value is 0 ) during System Ready	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
598HG06	BC Entry Direction Set Error When Receive BC READY Command (Not Deposit-Withdrawal/Stack Direction ) during System Ready	1. Check BC putting direction.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
598HG07	Receive BC Unknown Command during System Ready	1. Check BC reception full command.1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization.
598HG08	The Number of Nations Set Error When Receive BC DATA WRITE Command (Over 0, 10) during System Ready	1. Check the number of supported country.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
598HG09	Nation Code Set Error When Receive BC DATA WRITE Command during System Ready	1. Check the supported country code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
598HG10	Detection DB of the Nation is not exist When Receive BC DATA WRITE Command during System Ready	1. Check the BC recognition DB of country.2. Download DB again after deleting all recognition DB3. Operate to initialize BRM(Recovery)4. Reboot the system when same error occurred after initialization.
598HG11	No Nation Code When Receive BC READY Command during System Ready	1. Check the country setting value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
598HG12	BC Version Value Set Error When Receive BC DATA WRITE Command (Not BC FPGA) during System Ready	1. Check the BC specifications devision and BC FPGA specifications.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initializatio
598HG20	Fail to Initialize CIS When Receive BC READY Command during System Ready	1. Operate to initialize BRM(Recovery)2. Check CIS part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
598HG21	Fail to ENCODER POWER ON When Receive BC READY Command during System Ready	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
598HG22	Fail to adjust DD Sensor DAC When Receive BC READY Command during System Ready	1. Operate to initialize BRM(Recovery)2. Check whether the sensor is contaminated or not if same error occurs after Initialize3. Reboot the system when same error occurs even though there is no substance.
598HG23	DD Sensor DAC Set Error When Receive BC READY Command during System Ready	1. Operate to initialize BRM(Recovery)2. Check DD sensor part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
598HG24	ENCODER Mode Set Error When Receive BC READY Command during System Ready	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance
598HG30	Counterfeit Note List CRC Error When Receive BC SERIAL NO Command during System Ready	1. Check the forged notes list CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
598HG31	Not Receive The Number of Counterfeit Note Lists and CRC When Receive BC SERIAL NO Command during System Ready	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
598HG32	Over The Number of Counterfeit Note Lists When Receive BC SERIAL NO Command (Over 200) during System Ready	1. Check the whole number of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
598HG33	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Nation Code 0) during System Ready	1. Check the country code of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
598HG34	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Length Over 2~29) during System Ready	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
598HG36	Note Number Detection Mode Set Error When Receive BC MODE Command (Mode Value is Not 0, 1, 2) during System Ready	1. Check to the recognized mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
598HG37	Transaction Classification Set Error When Receive BC MODE Command (Classification Value is Not 0, 1, 2) during System Ready	1. Check to the transaction setting.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
598HG38	Counterfeit Note List Search Classification Set Error When Receive BC SERIAL NO Command 위조지폐 목록 검색 구분 설정 오류 (Classification Value is Not 1, 2, 3 ) during System Ready	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
598HG39	Counterfeit Note List Note Number Set Error When Receive BC SERIAL NO Command (Use '*' When Search Note Number Part) during System Ready	1. Check the forged notes list's note numbers.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
598HG4A	BC MODE SET Bill Management Level Set Error (Over 1~5) during System Ready	1. Check the check number when registering check number.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
598HG4B	Over The Number of BC MODE SET Back Codes (Over 15) during System Ready	1. Check check number table's length.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
598HG40	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use End Number at First When Search Note Number Part) during System Ready	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
598HG41	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use Start Number at Last When Search Note Number Part) during System Ready	1. Check check total number of tables.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
598HG42	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Wrong Start/End Number Order When Search Note Number Part) during System Ready	1. Check check management mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
598HG43	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Use Wrong Length Value When Search Note Number Part) during System Ready	1. Check the number of check issued by our bank code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
598HG44	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Use Wrong Nation Code When Search Note Number Part) during System Ready	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
598HG45	Not Receive The Number of Bill Number Tables and CRC When Receive Check No Write Command during System Ready	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
598HG46	Bill Number Error When Receive Check No Write Command during System Ready	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
598HG47	Bill Number Table Length Set Error When Receive Check No Write Command (Length Over 0~50) during System Ready	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
598HG48	Bill Number Table CRC Error When Receive Check No Write Command during System Ready	1. Check the forged notes list's country-code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
598HG49	Over The Number of Bill Number Tables When Receive Check No Write Command (Over 5) during System Ready	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
598HH01	Fail to Delete NAND FLASH during System Ready	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
598HH02	NAND FLASH Delete BLOCK Set Error When Download Detection DB during System Ready	1. Download DB again after checking recognition DB's delete index.2. Operate to initialize BRM(Recovery)
598HH03	Fail to Download Detection DB during System Ready	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
598HH04	NAND FLASH Download BLOCK Set Error When Download Detection DB during System Ready	1. Download DB again after checking recognition DB's index.2. Operate to initialize BRM(Recovery)
598HH05	Detection DB Download File Check Error during System Ready	1. Download DB again after checking recognition DB file.2. Operate to initialize BRM(Recovery)
598HH06	Detection DB Download File Size Error during System Ready	1. Download DB again after checking recognition DB download file.2. Operate to initialize BRM(Recovery)
598HH07	DB Table Save Error After Download Detection DB during System Ready	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
598HH08	Over Detection DB Download (Over 10) during System Ready	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
598HH09	Detection DB Header Information Error during System Ready	1. Download DB again after deleting recognition DB.2. Operate to initialize BRM(Recovery)
598HH10	EP Download Fail during System Ready	1. Re-download BC EP.2. Change the BC B/D if continuous error.
598HH11	EP Download Check Error during System Ready	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
598HH12	EP Download File Size Error during System Ready	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
598HH13	EP Download File ID Error (Not EPAP/EPBT/EPFP) during System Ready	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
598HH14	BC FPGA Download Fail during System Ready	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
598HH15	Header Information Save Error After BC FPGA Download during System Ready	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
598HH16	Not Provide BC FPGA Download during System Ready	1. Check BC FPGA VERSION.2. Change the BC B/D if continuous error.

Problem Code	Problem Description	Troubleshooting
598HH17	EEPROM READ/WRITE Error during System Ready	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
598HH18	Receive Unit Serial Number Undefined Option during System Ready	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
598HH19	Receive USB Undefined Command during System Ready	1. Check USB Command from BC and retry the operation2. Check BC version and Update EP3. Change the BC B/D if continuous error.
598HH20	No BC Process Note When Receive Image Upload Command during System Ready	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
598HH21	FC1 Set Error When Receive Image Upload Command during System Ready	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
598HH22	BC is Processing Note When Receive Image Upload Command during System Ready	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
598HH23	FC2 Set Error When Receive Image Upload Command during System Ready	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
598HH24	Not Provide Total Image Upload Function during System Ready	1. Check if SP or TM is out of date.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
598HH25	Not Provide Note Number Detection Image Upload Function during System Ready	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
598HH26	FC2 Set Error When Receive Image Information Upload Command during System Ready	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
598HH27	BRM Transaction Mode is Not Same with Image Upload Command Mode during System Ready	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
598HH28	BRM Transaction Mode is Not Same with Replenishment/Collect Cash Image Upload Command Mode during System Ready	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
598HH29	No BC Process Note When Receive Replenishment/Collect Cash Image Upload Command during System Ready	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
598HH3A	FC1 Set Error When Receive Replenishment/Collect Cash Image Upload Command during System Ready	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
598HH3B	BC is Processing Note When Receive Replenishment/Collect Cash Image Upload Command during System Ready	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.

Problem Code	Problem Description	Troubleshooting
598HH3C	FC2 Set Error When Receive Replenishment/Collect Cash Image Upload Command during System Ready	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
598HH3D	Not Provide Replenishment/Collect Cash Image Upload Function during System Ready	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
598HH3E	Note Image Upload Index is Not Same When Receive Replenishment/Collect Cash Image Upload Command during System Ready	1. Get BC log and image.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
598HI01	RecogTask Messeage Timeout Error during System Ready	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
598HI02	ScanTask Messeage Timeout Error during System Ready	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
598HI03	UartTask Messeage Timeout Error during System Ready	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
598HI04	BcUsbTask Messeage Timeout Error during System Ready	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
598HJ01	Algorithm Initialize Fail during System Ready	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
598HJ02	Algorithm Ready Fail during System Ready	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
598HJ03	Algorithm Information Set Error during System Ready	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
598HK01	Table CRC Error When Set Poly-Note Withdrawal Information during System Ready	1. Retry the operation
598HK02	CST Note Information Set Number Error When Set Poly-Note Withdrawal Information (n is 0 or over 256) during System Ready	1. Check the number of CST Setting notes info
598HK03	Withdrawal Note Number Set Error When Set Poly-Note Withdrawal Information ( n is 0 or over 3000) during System Ready	1. Check Withdrawal notes setting
598HK04	Note Information (Not CST Set Note) is Set in Withdrawal Note Information When Set Poly-Note Withdrawal Information during System Ready	1. Check Withdrawal notes info
598HS01	FPGA Write Data Error When Initialize Scan Driver during System Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
598HS02	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver during System Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
598HS03	Fail to Set CIS Led On Value When Initialize Scan Driver during System Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
598HS04	Fail to Set Source of Scan Light When Initialize Scan Driver during System Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
598HS05	Not Process Shading When Initialize Scan Driver during System Ready	1. Perform CiS Shading.2. Operate to initialize BRM(Recovery)
598HS08	Fail to Set DAC When Initialize Scan Driver during System Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
598HS11	FPGA Write Data Error When BC Ready during System Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
598HS12	Fail to Power On When BC Ready Sensor(MR/UV/DD/Encoder/Entry Sensor) during System Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
598HS13	Fail to Set CIS Led On Value When BC Ready during System Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
598HS14	Fail to Set Source of Scan Ligh When BC Ready during System Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
598HS15	Not Process Shading When BC Ready during System Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
598HS17	Fail to Set AFE Chip When BC Ready during System Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
598HS18	Fail to Set DAC When BC Ready during System Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
598HS19	MR/UV/DD Sampling Start Error When BC Ready during System Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
598HS2A	Fail to Set 2-Notes DAC When BC Ready during System Ready	1. Perform calibration info about double notes or one note.2. Operate to initialize BRM(Recovery)
598HS2B	2-Notes to 1-Note Adjust Information Error When BC Ready during System Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
598HS22	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver When Stop BC during System Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
598HS28	Fail to Set DAC When Stop BC during System Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
598HS29	MR/UV/DD Sampling Stop Error When Stop BC during System Ready	1. Check whether double notes sensor is contaminate or not.2. Check whether double notes sensor is connected.3. Retry the operation.4. Change the BC if continuous error.
598HS31	BC Ready Fail When Process CIS Shading – Use in Plant during System Ready	1. Perform calibration info about double notes or one note and double notes DAC2. Retry the operation
598HS32	Dark Adjust Fail When Process CIS Shading – Use in Plant during System Ready	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Change CIS and Cable5. Change BC
598HS33	Over Target Gap When Process CIS Shading Shading – Use in Plant during System Ready	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
598HS34	Fail to Write Result Value Flash When Process CIS Shading – Use in Plant during System Ready	1. Retry the operation2. Change BC

Problem Code	Problem Description	Troubleshooting
598HS35	BC Stop Fail When Process CIS Shading – Use in Plant during System Ready	1. Retry the operation2. Change BC
598HS36	Over 10Pixel-Excess-Image When Process CIS Shading during System Ready	1. Retry the operation2. Check CIS note quility and setting status3. Check CIS Connection Status4. Change BC
598HS37	Dark Shading Result Value is Standard Over When Process CIS Shading during System Ready	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Retry the operation5. Change BC
598HS38	Max Ontime Ove When Process CIS Shadingr – Use in Plant during System Ready	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
598HS39	Fail to Set Source of Shading Light When Process CIS Shading – Use in Plant during System Ready	1. Retry the operation2. Change BC
598HS41	Fail to Adjust 2-Notes DAC (Less Than MIN) – Use in Plant during System Ready	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the operation4. Change BC
598HS42	Fail to Adjust 2-Notes DAC (Over MAX) – Use in Plant during System Ready	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the operation4. Change BC
598HS43	2-Notes Adjust Flash Write Fail – Use in Plant during System Ready	1. Retry the operation2. Change BC
598R100	BC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
598R200	BC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
598R300	BC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
598R600	BC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
598S100	BCU response MI error during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
598S200	BCU response BCC error during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
598S300	BCU response Sub MI error during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
598S400	BCU response Parameter error during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
598S900	BCU response Timeout Error during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
59A2100	Error occurred by notes remained in GS801 during System Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
59A2200	Error occurred by notes remained in GS002 during System Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
59A2300	Error occurred by notes remained in GS003 during System Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
59A2400	Error occurred by notes remained in GS004 during System Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
59A2500	Error occurred by notes remained in GS005 during System Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
59A2600	Error occurred by notes remained in GS006 during System Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
59A2700	Error occurred by notes remained in GS014 during System Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
59A2800	Error occurred by notes remained in GS018 during System Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
59A2900	Error occurred by notes remained in GS020 during System Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
59A2A00	Error occurred by notes remained in GS021 during System Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
59A2C00	Error occurred by notes remained in GS030 during System Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
59A2E00	Error occurred by notes remained in GS001 during System Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
59A2H00	Error occurred by notes remained in GS618 during System Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
59A2J00	Error occurred by notes remained in GS619 during System Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
59A2K00	Error occurred by notes remained in GS701,702 during System Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
59A2M00	Error occurred by notes remained in GSA01 during System Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
59A2N00	Error occurred by notes remained in GSA02 during System Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
59A2P00	Error occurred by notes remained in GSA03 during System Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
59A2Q00	Error occurred by notes remained in GSD01 during System Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
59A2W00	Error occurred by notes remained in GS802 during System Ready	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
59AA100	UTC open Error before operation System Ready	1. Open the upper unit. 2. Check the UTC removal and reinstallation

Problem Code	Problem Description	Troubleshooting
59AA200	TSK open Error before operation System Ready	1. Open the upper unit. 2. Check the TSK open and close
59AA300	BMU Inter Lock Error before operation System Ready	1. Check BMU open and close
59AA400	BMU open Error before operation System Ready	1. Check BMU open and close
59AA500	Replenishment CST open Error before operation System Ready	1. Check the Transit CST installation
59AA600	CSM open Error before operation System Ready	1. Open the upper unit. 2. Check CSM Open/Close
59AA800	BMD Inter Lock Error before operation System Ready	1. Open the lower unit. 2. Check the BMD open and close
59AA900	BMD open Error before operation System Ready	1. Open the lower unit. 2. Check the BMD open and close
59AAA00	BC Open Error before operation System Ready	1. Open the upper unit. 2. Check BC Open/Close
59AAB00	RC Full Error before operation System Ready	1. Open the lower unit. 2. Check RC Full and remove notes
59AAC00	RJC Full Error before operation System Ready	1. Open the upper unit. 2. Check RJC Full and remove notes
59AAD00	UTC Full Error before operation System Ready	1. Open the upper unit. 2. Remove UTC and open the UTC Door3. Remove notes and reinstallation UTC
59AAE00	RTC Full Error before operation System Ready	1. Open the lower unit. 2. Remove RT/RJC and open the Door3. Remove notes and reinstall RT/RJC
59AAF00	RC Empty Error before operation System Ready	1. Open the lower unit. 2. Remove RC and open the RC Door, Check the Empty Status3. Reinstall the RC
59AAG00	Suspected note RC open Error before operation System Ready	1. Open the lower unit. 2. Check the RC removal and reinstall
59AAH00	Status of BMU loading in the BMU Test Mode before the operation during System Ready	1. Check Load/Removal of the upper unit2. Replace a cherry switch when error occurs
59AE100	Received operation command without Initial Info Set during System Ready	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
59AE200	Status on not operation reception command during System Ready	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
59AE300	Received operation command without System Info Read during System Ready	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
59AE400	Transaction was executed without Initializing after power on during System Ready	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
59AEE00	RBU RS485 communication sequence disorder during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
59AEF00	RBU RS485 connection line disorder during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization

Problem Code	Problem Description	Troubleshooting
59AEL00	RBU communication was not ready after power on during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
59AH600	Failure to check clearing NVRAM during System Ready	1. Operate to initialize BRM(Recovery)
59AR100	Message timeout error during operation ready during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
59AR200	Message timeout error during transaction operation during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
59AR300	Message timeout error during error postprocessing during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
59AR800	RBU/BC sensor auto dimming response message timeout error during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
59ARC00	BC response message timeout error during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
59ARJ00	Message timeout error during Stop Ready during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
59BH100	RC1 EEPROM Read Error during System Ready	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
59BH200	RC2 EEPROM Read Error during System Ready	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
59BH300	RC3 EEPROM Read Error during System Ready	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
59BH400	RC4 EEPROM Read Error during System Ready	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
59BH500	RC5 EEPROM Read Error during System Ready	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
59BH600	RC6 EEPROM Read Error during System Ready	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
59BH700	RC1 EEPROM Write Error during System Ready	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
59BH800	RC2 EEPROM Write Error during System Ready	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization

Problem Code	Problem Description	Troubleshooting
59BH900	RC3 EEPROM Write Error during System Ready	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
59BHA00	RC4 EEPROM Write Error during System Ready	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
59BHB00	RC5 EEPROM Write Error during System Ready	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
59BHC00	RC6 EEPROM Write Error during System Ready	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
59BHD00	RC1 EEPROM Verify Error during System Ready	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
59BHE00	RC2 EEPROM Verify Error during System Ready	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
59BHF00	RC3 EEPROM Verify Error during System Ready	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
59BHG00	RC4 EEPROM Verify Error during System Ready	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
59BHH00	RC5 EEPROM Verify Error during System Ready	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
59BHQ00	RC6 EEPROM Verify Error during System Ready	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
59BHK00	BMD Open Error During EEPROM Read/Write during System Ready	1. Check the lower Unit load/removal
59BHU00	BMD EEPROM Read Error during System Ready	1. Replace RBU B/D
59BHV00	BMD EEPROM Write Error during System Ready	1. Replace RBU B/D
59BHW00	BMD EEPROM Verify Error during System Ready	1. Replace RBU B/D
59BHX00	RC7 EEPROM Read Error during System Ready	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
59BHY00	RC7 EEPROM Write Error during System Ready	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
59BHZ00	RC7 EEPROM Verify Error during System Ready	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
59BR000	RBU Response Timeout during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
59BR700	RBU Response Message Timeout during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
59BS100	RBU RS-232 Seq Num Echo Error during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
59BS200	RBU RS-232 MI Echo Error during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
59BSS00	RBU Auto Calibration Command Parameter Error during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
59CG100	RC6 Failure of returning notes (GSC01,GSC02 Sensors detect no notes) during System Ready	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
59CG200	RC6 Failure to move PP to stack position during System Ready	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(8). 4. Open the recycle cassette door(8).5. Check cassette status to move stage up and down.
59CG400	RC6 Failure to upward moving of PP during RC6 stack roller retreat movement during System Ready	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(8). 4. Open the recycle cassette door(8).5. Check cassette status to move stage up and down.
59CG500	RC6 Failure to stack roller retreat (GSC13 Sensor no change) during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
59CG600	RC6 Stack Roller retreat position disorder during RC Separation during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
59CG700	RC6 RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GSC07) no change) during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
59CG800	RC6 Failure to move PP to press position (GSC08 Sensor Dark Fail) during System Ready	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(8).4. Check the stage status after open the recycle cassette(8).5. Check the upper side of the recycle cassette
59CGA00	RC6 RC Solenoid Echo error during System Ready	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8) and reload.4. Replace the cassette when same error occurs.
59CGB00	RC6 Feed Roller homeposition Sensor(GSC07) Light detect fail during RC Stack during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
59CGC00	RC6 Feed Roller homeposition Sensor(GSC07) Dark detect fail during RC Stack during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
59CGD00	RC6 GSC01,GSC02 Detect notes during move RC Feed Roller to homeposition during System Ready	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
59CGE00	RC6 GSC08 detect dark before move RC Feed Roller to homeposition during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
59CFG00	RC6 Notes Setting error during initialize (GSC14, Bottom Sensor(GSC12) both dark) during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
59CGG00	RC6 Stack Roller Sensor(GSC13) detect light during RC FM Stack during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
59CGH00	RC6 Stack Roller Sensor(GSC13) detect dark during RC FM Stack during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
59CGJ00	RC6 RC Stack Roller retreat fail (Motor Overrun) during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
59CGK00	RC6 RC Stack Roller retreat fail (Motor speed error) during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
59CGL00	RC6 RC Feed Roller homeposition fail (Motor speed error) during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
59CGS00	RC6 RJC Press position fail during System Ready	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
59CGT00	RC6 GSC51 fail to detect dark when PP moves down during RJC PP Stack during System Ready	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
59CGU00	RC6 GSC51 fail to detect light when PP moves down during RJC PP Stack during System Ready	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.

Problem Code	Problem Description	Troubleshooting
59CGV00	RC6 GSC52 fail to detect dark when PP moves down during RJC PP Stack during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
59CGW00	RC6 GSC51 fail to detect light when PP moves down during RJC initialize during System Ready	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
59CGX00	RC6 GSC01 detects notes during RJC intialize during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
59CJ100	RC6 RJC Full during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
59CJ200	RC6 RC No Residue during System Ready	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(8).4. Check the notes remain after open the recycle cassette door(8)5. Fill up the Notes if there are no notes
59CJ300	RC6 Full,Bottom no detect before move RC PP to stack position during System Ready	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(8).4. Check the stage status after open the recycle cassette(8).5. Check contamination of GS111/GS112 sensor.
59CR100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
59CR200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
59CR300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
59CR600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
59CRF00	RC6 Feed Motor response timeout during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
59CRP00	RC6 PP response timeout during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
59CS200	RC6 Receive undefined command during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
59CS300	RC6 Task not for sepratation receive separation command during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
59CSA00	RC6 Sub Task receive undefined command during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
59CSR00	RC6 Sub Task for Wait Setting Error during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
59EG100	CST Failure of returning notes (GS901,GS902 Sensors detect no notes) during System Ready	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
59EG200	CST Failure to move PP to stack position during System Ready	1. Remove the transit cassette.2. Open the cassette door.3. Check the stage status.
59EG400	CST Failure to upword moving of PP during RC stack roller retreat movement during System Ready	1. Remove the transit cassette.2. Open the cassette door.3. Check the stage status.
59EG500	CST Failure to stack roller retreat (GS913 Sensor no change) during System Ready	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
59EG600	CST Stack Roller retreat position disorder during RC Separation during System Ready	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
59EG700	CST RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS907) no change) during System Ready	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
59EG800	CST Failure to move PP to press position (GS908 Sensor Dark Fail) during System Ready	1. Remove the transit cassette.2. Check the stage status after open the cassette.3. Check the upper side of the cassette
59EGA00	CST RC Solenoid Echo error during System Ready	1. Reload the transit cassette after removing the cassette.2. Change the cassette when same error occur.
59EGB00	CST Feed Roller homeposition Sensor(GS907) Light detect fail during RC Stack during System Ready	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
59EGC00	CST Feed Roller homeposition Sensor(GS907) Dark detect fail during RC Stack during System Ready	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
59EGD00	CST GS901,GS902 Detect notes during move RC Feed Roller to homeposition during System Ready	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
59EGE00	CST GS908 detect dark before move RC Feed Roller to homeposition during System Ready	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note.
59EGF00	CST Notes Setting error during initialize (GS914, Bottom Sensor(GS912) both dark) during System Ready	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note.
59EGG00	CST Stack Roller Sensor(GS913) detect light during RC FM Stack during System Ready	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
59EGH00	CST Stack Roller Sensor(GS913) detect dark during RC FM Stack during System Ready	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
59EGJ00	CST RC Stack Roller retreat fail (Motor Overrun) during System Ready	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
59EGK00	CST RC Stack Roller retreat fail (Motor speed error) during System Ready	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
59EGL00	CST RC Feed Roller homeposition fail (Motor speed error) during System Ready	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
59EJ200	CST No Residue during System Ready	1. Remove the transit cassette.2. Check the notes remain after open the cassette door.3. Fill up the Notes if there are no notes
59EJ300	CST Full,Bottom no detect before move RC PP to stack position during System Ready	1. Remove the transit cassette.2. Check the stage status after open the cassette.3. Check the upper side of the cassette
59ER100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
59ER200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
59ER300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
59ER600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
59ERF00	CST Feed Motor response timeout during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
59ERP00	CST PP response timeout during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
59ES200	CST Receive undefined command during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
59ES300	CST RC Task not for separation receive separation command during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
59ESA00	CST RC Sub Task receive undefined command during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
59ESR00	CST Sub Task for Wait Setting Error during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
59FGE00	RC7 GSF08 detect dark before move RC Feed Roller to homeposition during System Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(F) door.5. Remove note.
59FJ200	RC7 No Residue during System Ready	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(F).4. Check the notes remain after open the recycle cassette door(A)5. Fill up the Notes if there are no notes
59FJ300	Full,Bottom no detect before move RC7 PP to stack position during System Ready	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(F).4. Check the stage status after open the recycle cassette(F).5. Check contamination of GSF11/GSF12 sensor.
59FRF00	RC7 Feed Motor response timeout during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
59FRP00	RC7 PP response timeout during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
59FS200	RC7 Receive undefined command during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
59FS300	RC7 Task not for separation receive separation command during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
59FSA00	RC7 Sub Task receive undefined command during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
59FSR00	RC7 Sub Task for Wait Setting Error during System Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
59US100	USB Bulk Sequence Error during System ready.	1. Restart over AP-SP
59US300	USB Bulk Received Length Error during System ready.	1. Reboot the system
59US400	Message transmission Error from USB to Main Task during System ready.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
59US500	Message reception Error from MainTask to USB during System ready.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
59USCMD	Bulk command data check error during System Ready. (USB communication failure)	1. Restart over AP-SP
59USCRC	CRC data check error during System Ready. (USB communication failure)	1. Restart over AP-SP
59USLEN	Bulk length error during System Ready. (USB communication failure)	1. Restart over AP-SP

Problem Code	Problem Description	Troubleshooting
5@AHA00	Checksum disorder when MAIN EP Download	1. Check the download bin file2. Change the bin file
5@AHB00	Flash Rom write failure when MAIN EP Download	1. Change MAIN board when same error occurred after retry download
5@AHC00	EP downgrade of this version is not supported	1. Download higher version EP2. Download EP after decryption
5@CMD00	Bulk command data check error during Deposit Ready. (USB communication failure)	1. Restart over AP-SP
5@CRC00	CRC data check error during Deposit Ready. (USB communication failure)	1. Restart over AP-SP
5@LEN00	Bulk length error during Deposit Ready. (USB communication failure)	1. Restart over AP-SP
5@US300	USB command data length error during applying encryption.	1. Restart over AP-SP
5@US700	Not in CE certification status when receiving C8 command	1. Retry encryption authentication session
5@US800	C8 command received unencrypted	1. Retry encryption authentication session
5@USA00	Error to compare critical information 1 from 0xC1 command during applying encryption.	1. Restart over AP-SP
5@USB00	Error to compare critical information 2 from 0xC1 command during applying encryption.	1. Restart over AP-SP
5@USC00	Error to compare EPRN from 0xEE command during applying encryption.	1. Restart over AP-SP
5@USCMD	Bulk command data check error during applying encryption. (USB communication failure)	1. Restart over AP-SP
5@USCRC	CRC data check error during applying encryption. (USB communication failure)	1. Restart over AP-SP
5@USD00	Security session status is not AUTH_SUCCESS from 0xEE command during applying encryption.	1. Restart over AP-SP
5@USE00	Error to perform security Libray API during applying encryption.(0xC1 Error to open EP)	1. Restart over AP-SP
5@USF00	Error to perform security Libray API during applying encryption.(0xC2 Error to done EP)	1. Restart over AP-SP
5@USG00	Error to perform security Libray API during applying encryption.(0xEE Error to received full text deciphering)	1. Restart over AP-SP
5@USH00	Error to read NVRAM from 0xC1 during applying encryption.	1. Restart over AP-SP
5@USJ00	Error to write NVRAM from 0xC1 during applying encryption.	1. Restart over AP-SP
5@USK00	When received C1 in previous encryption during applying encryption, exist information 1, 2.	1. Restart over AP-SP
5@USL00	When received plain text during applying encryption, exist critical information 1, 2.	1. Restart over AP-SP

Problem Code	Problem Description	Troubleshooting
5@USLEN	Bulk length error during applying encryption. (USB communication failure)	1. Restart over AP-SP
5@USM00	When to resend encryption bulk during applying encryption, It's not critical information 1, 2.	1. Restart over AP-SP
5@USN00	Authentication was established using DH encryption, but C1 commands were received instead of DH encryption.	1. Retry encryption authentication session
5@USO00	When receiving C1 command, EP public key generation fails	1. Retry encryption authentication session
5@USP00	Received undefined command during applying encryption.	1. Restart over AP-SP
5@USQ00	Failed to encryption during applying encryption.	1. Restart over AP-SP
5@USR00	Failed to encryption mode at EP DONE during applying encryption.	1. Restart over AP-SP
5@USS00	Undefined command at C1, C2 during applying encryption .	1. Restart over AP-SP
5@UST00	Failed to encryption at resending bulk during applying encryption.	1. Restart over AP-SP
5@USU00	When received C1 during applying encryption, critical information 1 is NULL	1. Restart over AP-SP
5@USV00	When received C1 during applying encryption, critical information 2 is NULL	1. Restart over AP-SP
5@USX00	When receiving C1 command, DH encryption key creation fails.	1. Retry encryption authentication session
5@USY00	When receiving a C2 command, decryption of CE encryption information fails	1. Retry encryption authentication session
5@USZ00	When using DH encryption mode, writing encryption mode signature to NVRAM fails	1. Retry encryption authentication session
5A00100	GS801 Light Jam error during Collect CSM notes	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5A00200	GS002 Light Jam error during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A00300	GS003 Light Jam error during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5A00400	GS004 Light Jam error during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A00500	GS005 Light Jam error during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A00600	GS006 Light Jam error during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A00700	GS014 Light Jam error during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A00800	GS018 Light Jam error during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A00900	GS020 Light Jam error during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A00A00	GS021 Light Jam error during Collect CSM notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5A00C00	GS030 Light Jam error during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A00E00	GS001 Light Jam error during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A00H00	GS618 Light Jam error during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5A00J00	GS619 Light Jam error during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A00M00	GSA01 Light Jam error during Collect CSM notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5A00N00	GSA02 Light Jam error during Collect CSM notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5A00P00	GSA03 Light Jam error during Collect CSM notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5A00Q00	GSD01 Light Jam error during Collect CSM notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5A00W00	GS802 Light Jam error during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A01100	GS801 Dark Jam error during Collect CSM notes	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5A01200	GS002 Dark Jam error during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A01300	GS003 Dark Jam error during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A01400	GS004 Dark Jam error during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5A01500	GS005 Dark Jam error during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A01600	GS006 Dark Jam error during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A01700	GS014 Dark Jam error during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A01800	GS018 Dark Jam error during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A01900	GS020 Dark Jam error during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A01A00	GS021 Dark Jam error during Collect CSM notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5A01C00	GS030 Dark Jam error during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A01E00	GS001 Dark Jam error during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A01H00	GS618 Dark Jam error during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A01J00	GS619 Dark Jam error during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5A01M00	GSA01 Dark Jam error during Collect CSM notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5A01N00	GSA02 Dark Jam error during Collect CSM notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5A01P00	GSA03 Dark Jam error during Collect CSM notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5A01Q00	GSD01 Dark Jam error during Collect CSM notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5A01W00	GS802 Dark Jam error during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A02100	Error occurred by notes remained in GS801 during Collect CSM notes	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5A02200	Error occurred by notes remained in GS002 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A02300	Error occurred by notes remained in GS003 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A02400	Error occurred by notes remained in GS004 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A02500	Error occurred by notes remained in GS005 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5A02600	Error occurred by notes remained in GS006 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A02700	Error occurred by notes remained in GS014 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A02800	Error occurred by notes remained in GS018 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A02900	Error occurred by notes remained in GS020 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A02A00	Error occurred by notes remained in GS021 during Collect CSM notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5A02C00	Error occurred by notes remained in GS030 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A02E00	Error occurred by notes remained in GS001 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A02H00	Error occurred by notes remained in GS618 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A02J00	Error occurred by notes remained in GS619 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A02M00	Error occurred by notes remained in GSA01 during Collect CSM notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5A02N00	Error occurred by notes remained in GSA02 during Collect CSM notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5A02P00	Error occurred by notes remained in GSA03 during Collect CSM notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5A02Q00	Error occurred by notes remained in GSD01 during Collect CSM notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5A02W00	Error occurred by notes remained in GS802 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A05100	GS801 Path error on transport path during Collect CSM notes	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5A05200	GS002 Path error on transport path during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A05300	GS003 Path error on transport path during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A05400	GS004 Path error on transport path during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A05500	GS005 Path error on transport path during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A05600	GS006 Path error on transport path during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5A05700	GS014 Path error on transport path during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A05800	GS018 Path error on transport path during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A05900	GS020 Path error on transport path during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A05A00	GS021 Path error on transport path during Collect CSM notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5A05C00	GS030 Path error on transport path during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A05E00	GS001 Path error on transport path during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A05H00	GS618 Path error on transport path during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A05J00	GS619 Path error on transport path during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A05M00	GSA01 Path error on transport path during Collect CSM notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5A05N00	GSA02 Path error on transport path during Collect CSM notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5A05P00	GSA03 Path error on transport path during Collect CSM notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5A05Q00	GSD01 Path error on transport path during Collect CSM notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5A05W00	GS802 Path error on transport path during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A06100	GS801 Path error on sensor except for transport path during Collect CSM notes	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5A06200	GS002 Path error on sensor except for transport path during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A06300	GS003 Path error on sensor except for transport path during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A06400	GS004 Path error on sensor except for transport path during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A06500	GS005 Path error on sensor except for transport path during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A06600	GS006 Path error on sensor except for transport path during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A06700	GS014 Path error on sensor except for transport path during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5A06800	GS018 Path error on sensor except for transport path during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A06900	GS020 Path error on sensor except for transport path during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A06A00	GS021 Path error on sensor except for transport path during Collect CSM notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5A06C00	GS030 Path error on sensor except for transport path during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A06E00	GS001 Path error on sensor except for transport path during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A06H00	GS618 Path error on sensor except for transport path during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A06J00	GS619 Path error on sensor except for transport path during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A06M00	GSA01 Path error on sensor except for transport path during Collect CSM notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5A06N00	GSA02 Path error on sensor except for transport path during Collect CSM notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5A06P00	GSA03 Path error on sensor except for transport path during Collect CSM notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5A06Q00	GSD01 Path error on sensor except for transport path during Collect CSM notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5A06W00	GS802 Path error on sensor except for transport path during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A07100	Error occurred by the notes disorder in GS801 during Collect CSM notes	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5A07200	Error occurred by the notes disorder in GS002 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A07300	Error occurred by the notes disorder in GS003 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A07400	Error occurred by the notes disorder in GS004 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A07500	Error occurred by the notes disorder in GS005 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A07600	Error occurred by the notes disorder in GS006 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A07700	Error occurred by the notes disorder in GS014 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A07800	Error occurred by the notes disorder in GS018 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5A07900	Error occurred by the notes disorder in GS020 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A07A00	Error occurred by the notes disorder in GS021 during Collect CSM notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5A07C00	Error occurred by the notes disorder in GS030 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A07E00	Error occurred by the notes disorder in GS001 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A07H00	Error occurred by the notes disorder in GS618 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A07J00	Error occurred by the notes disorder in GS619 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A07M00	Error occurred by the notes disorder in GSA01 during Collect CSM notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5A07N00	Error occurred by the notes disorder in GSA02 during Collect CSM notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5A07P00	Error occurred by the notes disorder in GSA03 during Collect CSM notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5A07Q00	Error occurred by the notes disorder in GSD01 during Collect CSM notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5A07W00	Error occurred by the notes disorder in GS802 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5A0D100	Reject excess error (continue Reject error) during Collect CSM notes	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
5A0D200	Reject excess error (notes excess error) during Collect CSM notes	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
5A0D300	Reject excess error (Unappointed notes error) during Collect CSM notes	1. Check the Deposited Denomination
5A0D400	Reject excess error (Cassette note error) during Collect CSM notes	1. Check the Deposited Denomination
5A0D500	Reject excess error (2notes) during Collect CSM notes	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
5A0D600	Reject excess error (Gap error(1note)) during Collect CSM notes	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
5A0D700	Reject excess error (Gap error(2notes)) during Collect CSM notes	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
5A0D800	Reject excess error (skew error) during Collect CSM notes	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
5A0D900	Reject excess error (shift error) during Collect CSM notes	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
5A0DA00	Reject excess error (Max length error(1note)) during Collect CSM notes	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
5A0DB00	Reject excess error (Max length error(2notes)) during Collect CSM notes	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
5A0DC00	Reject excess error (Max length error(3notes)) during Collect CSM notes	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
5A0DD00	Reject excess error (Max length error(4notes)) during Collect CSM notes	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
5A0DE00	Reject excess error (Min length error(1note)) during Collect CSM notes	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
5A0DF00	Reject excess error (Min length error(2notes)) during Collect CSM notes	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
5A0DG00	Reject excess error (note error) during Collect CSM notes	1. Check the Deposited Denomination
5A0DH00	Reject excess error (MR error) during Collect CSM notes	1. Check the Notes(Failure to Notes recognition)
5A0DJ00	Reject excess error (IR error) during Collect CSM notes	1. Check the Notes(Failure to Notes recognition)
5A0DK00	Reject excess error (Edge error) during Collect CSM notes	1. Check the Notes(Failure to Notes recognition)

Problem Code	Problem Description	Troubleshooting
5A0DL00	Reject excess error (Image error) during Collect CSM notes	1. Check the Notes(Failure to Notes recognition)
5A0DM00	Reject excess error (UV error) during Collect CSM notes	1. Check the Notes(Failure to Notes recognition)
5A0DN00	Reject excess error (Sensor error) during Collect CSM notes	1. Operate to initialize BRM(Recovery)
5A0DO00	Deposit count disallowed notes reject excess error during Collect CSM notes	Return the Notes to customer(Semi OK Code)
5A0DP00	Reject excess error (Communication error) during Collect CSM notes	1. Operate to initialize BRM(Recovery)
5A0DQ00	Reject excess error (Full & etc) during Collect CSM notes	1. Operate to initialize BRM(Recovery)
5A0DR00	Recognition Fail Error (Recognition test fail) during Collect CSM notes	1. Operate to initialize BRM(Recovery)
5A0DS00	Recognition Fail Error (No Recognition info) during Collect CSM notes	1. Operate to initialize BRM(Recovery)
5A0DT00	Recognition Fail Error (Only STX in Recognition info) during Collect CSM notes	1. Operate to initialize BRM(Recovery)
5A0DU00	Recognition Fail Error (Recognition info BCC NG) during Collect CSM notes	1. Operate to initialize BRM(Recovery)
5A0DV00	Recognition Fail Error (Recognition info MI NG) during Collect CSM notes	1. Operate to initialize BRM(Recovery)
5A0DW00	Recognition Fail Error (Recognition info Index Fail) during Collect CSM notes	1. Operate to initialize BRM(Recovery)
5A0DX00	Recognition Fail Error (Info BC Pass Info) during Collect CSM notes	1. Operate to initialize BRM(Recovery)
5A0DY00	Recognition Fail Error (Serial Number Data Format error) during Collect CSM notes	1. Operate to initialize BRM(Recovery)
5A0F100	GM001 motor doesn't operate at a constant speed when the motor works during Collect CSM notes	1. Open the upper unit2. Check the Front Transport Path(2) gear rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Check GS804 Sensor Dark/Light Status and Initialize
5A0F200	GM002 motor doesn't operate at a constant speed when the motor works during Collect CSM notes	1. Open the upper unit2. Check the TOP Transport(4) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
5A0F400	GM004 motor doesn't operate at a constant speed when the motor works during Collect CSM notes	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
5A0F600	GM006 motor doesn't operate at a constant speed when the motor works during Collect CSM notes	1. Open the upper unit2. Check the customer service module (CSM 1-1, 1-2) gear and knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
5A0F700	GM007 motor doesn't operate at a constant speed when the motor works during Collect CSM notes	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize

Problem Code	Problem Description	Troubleshooting
5A0F900	GM009 motor doesn't operate at a constant speed when the motor works during Collect CSM notes	1. Open the Transit Transport, related system point 2. Check the Transit Transport gear, knob rotates softly 3. Check GS019 Sensor Dark/Light Status and Initialize4. Check remained Notes and substance in the Transit Transport5. Initialize
5A0FA00	GM001 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Collect CSM notes	1. Open the upper unit2. Check the Front Transport Path(2) gear rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Check GS804 Sensor Dark/Light Status and Initialize
5A0FB00	GM002 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Collect CSM notes	1. Open the upper unit2. Check the TOP Transport(4) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
5A0FC00	GM004 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Collect CSM notes	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
5A0FD00	GM006 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Collect CSM notes	1. Open the upper unit2. Check the customer service module (CSM 1-1, 1-2) gear and knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
5A0FE00	GM007 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Collect CSM notes	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check GS017 Sensor Dark/Light Status4. Check remained Notes and substance in the upper Transport Path5. Initialize
5A0FF00	GM009 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Collect CSM notes	1. Open the Transit Transport, related system point 2. Check the Transit Transport gear, knob rotates softly 3. Check GS019 Sensor Dark/Light Status4. Check remained Notes and substance in the Transit Transport5. Initialize
5A0FY00	Fail to Start BM Low Speed Control during Collect CSM notes (Motor Encoder Error)	1. Open the lower, upper unit2. Check remained Notes and substance in the upper, lower Transport Path3. Check motor encoder sensors4. Initialize
5A0G100	Failure to 3Way Gate 0 degree mode conversion during Collect CSM notes	1. Open the upper unit2. Open the customer service module(1) and TOP Transport(4)3. Remove notes and substance in the Transport Path and 3way gate4. Check remained Notes and substance in the upper Transport Path5. Initialize
5A0G200	Failure to 3Way Gate 120 degree mode conversion during Collect CSM notes	1. Open the upper unit2. Open the customer service module(1) and TOP Transport(4)3. Remove notes and substance in the Transport Path and 3way gate4. Check remained Notes and substance in the upper Transport Path5. Initialize
5A0GB00	Time Out to 3Way Gate Mode conversion during Collect CSM notes	1. Open the upper unit2. Open the customer service module(1) and TOP Transport(4)3. Remove notes and substance in the Transport Path and 3way gate4. Check remained Notes and substance in the upper Transport Path5. Initialize
5A0GC00	Failure to RTRJ Gate RJC Mode conversion during Collect CSM notes	1. Open the lower unit2. Open MID Transport(7)3. Check remained Notes and substance in the RT/RJC4. Check remained Notes in RT/RJC gate
5A0GD00	Failure to RTRJ Gate RTC Mode conversion during Collect CSM notes	1. Open the lower unit2. Open MID Transport(7)3. Check remained Notes and substance in the RT/RJC4. Check remained Notes in RT/RJC gate

Problem Code	Problem Description	Troubleshooting
5A0K100	Duplication S/N Error during Collect CSM notes	1. Check the duplicate note and remove the note.2. Operate to initialize BRM(Recovery)
5A0N400	Jam Message Receive Error during Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A0NA00	Checksum error when notes separate from TSK during Collect CSM notes	1. Operate to initialize BRM(Recovery)
5A0NC00	length different from separation part to stack part after transport during Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A0NK00	BC recognized notes have no cassette to be stacked during Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A0Q100	UTC detachment Error during Collect CSM notes	1. Open the upper unit2. Check GS010 Sensor Dark/Light Status3. Check UTC(6) installation condition
5A0Q200	TSK detachment Error during Collect CSM notes	1. Open the upper unit2. Check GS015 Sensor Dark/Light Status3. Check TSK(5) installation condition
5A0Q300	BMU Inter Lock Error during Collect CSM notes	1. Check Load/Removal of the upper unit2. Replace a cherry switch when error occurs
5A0Q400	BMU detackment Error during Collect CSM notes	1. Check Load/Removal of the upper unit
5A0Q500	Replenishment CST detachment Error during Collect CSM notes	1. Check the safe door open
5A0Q600	CSM detackment Error during Collect CSM notes	1. Open the upper unit2. Check to open/close CSM3. Check the sensors GS011
5A0Q800	BMD Inter Lock Error during Collect CSM notes	1. Check the lower Unit load/removal2. Replace a cherry switch when error occurs
5A0Q900	BMD detachment Error during Collect CSM notes	1. Check the lower Unit load/removal
5A0QA00	BC Open Error during Collect CSM notes	1. Open the upper unit2. Open the customer service module (CSM)3. Check the lock lever in the BC4. Check GS003 Sensor Dark/Light Status
5A0QS00	Receive Error Stop CMD during Collect CSM notes	1. Initialize
5A0R100	BM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A0R200	BM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A0R300	BM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A0SZ00	Receive undefined command during Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5A1J100	RJC Full during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
5A1J200	RC1 No Residue during Collect CSM notes	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(A).4. Check the notes remain after open the recycle cassette door(A)5. Fill up the Notes if there are no notes
5A1J300	Full,Bottom no detect before move RC1 PP to stack position during Collect CSM notes	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(A).4. Check the stage status after open the recycle cassette(A).5. Check contamination of GS111/GS112 sensor.
5A1R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A1R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A1R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A1R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A2J200	RC2 No Residue during Collect CSM notes	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(B).4. Check the notes remain after open the recycle cassette door(B)5. Fill up the Notes if there are no notes
5A2J300	RC2 Full,Bottom no detect before move RC PP to stack position during Collect CSM notes	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(B).4. Check the stage status after open the recycle cassette(B).5. Check contamination of GS211/GS212 sensor.
5A2R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A2R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A2R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A2R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A30100	RC3 GS301 Light Jam during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5A30200	RC3 GS302 Light Jam during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A30500	RC3 GS305 Light Jam during Collect CSM notes	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(C)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5A31100	RC3 GS301 Dark Jam during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A31200	RC3 GS302 Dark Jam during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A31500	RC3 GS305 Dark Jam during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A32100	Error occurred by notes remained in RC3 GS301 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A32200	Error occurred by notes remained in RC3 GS302 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A32500	Error occurred by notes remained in RC3 GS305 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A33100	Sensor auto calibration error in RC3 GS301 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A33200	Sensor auto calibration error in RC3 GS302 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A33500	Sensor auto calibration error in RC3 GS305 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5A34100	Extern lights check error in RC3 GS301 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A34200	Extern lights check error in RC3 GS302 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A34500	Extern lights check error in RC3 GS305 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A35100	Path error on transport path in RC3 GS301 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A35200	Path error on transport path in RC3 GS302 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A35500	Path error on transport path in RC3 GS305 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A36100	Path error on sensor except for transport path in RC3 GS301 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A36200	Path error on sensor except for transport path in RC3 GS302 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A36500	Path error on sensor except for transport path in RC3 GS305 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A37100	Error occurred by the notes disorder in RC3 GS301 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5A37200	Error occurred by the notes disorder in RC3 GS302 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A37500	Error occurred by the notes disorder in RC3 GS305 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A3J200	RC3 No Residue during Collect CSM notes	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(C).4. Check the notes remain after open the recycle cassette door(C).5. Fill up the Notes if there are no notes
5A3J300	RC3 Full,Bottom no detect before move RC PP to stack position during Collect CSM notes	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(C).4. Check the stage status after open the recycle cassette(C).5. Check contamination of GS311/GS312 sensor.
5A3L100	Remaining notes stack process error in RC3 GS301 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A3L200	Remaining notes stack process error in RC3 GS302 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A3L500	Remaining notes stack process error in RC3 GS305 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A3R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A3R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A3R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A3R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A40100	RC4 GS401 Light Jam during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5A40200	RC4 GS402 Light Jam during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A40500	RC4 GS405 Light Jam during Collect CSM notes	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(D)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5A41100	RC4 GS401 Dark Jam during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A41200	RC4 GS402 Dark Jam during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A41500	RC4 GS405 Dark Jam during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A42100	Error occurred by notes remained in RC4 GS401 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A42200	Error occurred by notes remained in RC4 GS402 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A42500	Error occurred by notes remained in RC4 GS405 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A43100	Sensor auto calibration error in RC4 GS401 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A43200	Sensor auto calibration error in RC4 GS402 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A43500	Sensor auto calibration error in RC4 GS405 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5A44100	Extern lights check error in RC4 GS401 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A44200	Extern lights check error in RC4 GS402 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A44500	Extern lights check error in RC4 GS405 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A45100	Path error on transport path in RC4 GS401 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A45200	Path error on transport path in RC4 GS402 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A45500	Path error on transport path in RC4 GS405 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A46100	Path error on sensor except for transport path in RC4 GS401 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A46200	Path error on sensor except for transport path in RC4 GS402 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A46500	Path error on sensor except for transport path in RC4 GS405 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A47100	Error occurred by the notes disorder in RC4 GS401 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5A47200	Error occurred by the notes disorder in RC4 GS402 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A47500	Error occurred by the notes disorder in RC4 GS405 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A4J200	RC4 No Residue during Collect CSM notes	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(D).4. Check the notes remain after open the recycle cassette door(D).5. Fill up the Notes if there are no notes
5A4J300	RC4 Full,Bottom no detect before move RC PP to stack position	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(D).4. Check the stage status after open the recycle cassette(D).5. Check contamination of GS411/GS412 sensor.
5A4L100	Remaining notes stack process error in RC4 GS401 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A4L200	Remaining notes stack process error in RC4 GS402 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A4L500	Remaining notes stack process error in RC4 GS405 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A4R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A4R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A4R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A4R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A50100	RC5 GS501 Light Jam during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5A50200	RC5 GS502 Light Jam during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A50500	RC5 GS505 Light Jam during Collect CSM notes	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(E)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5A51100	RC5 GS501 Dark Jam during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A51200	RC5 GS502 Dark Jam during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A51500	RC5 GS505 Dark Jam during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A52100	Error occurred by notes remained in RC5 GS501 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A52200	Error occurred by notes remained in RC5 GS502 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A52500	Error occurred by notes remained in RC5 GS505 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A53100	Sensor auto calibration error in RC5 GS501 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A53200	Sensor auto calibration error in RC5 GS502 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A53500	Sensor auto calibration error in RC5 GS505 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5A54100	Extern lights check error in RC5 GS501 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A54200	Extern lights check error in RC5 GS502 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A54500	Extern lights check error in RC5 GS505 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A55100	Path error on transport path in RC5 GS501 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A55200	Path error on transport path in RC5 GS502 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A55500	Path error on transport path in RC5 GS505 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A56100	Path error on sensor except for transport path in RC5 GS501 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A56200	Path error on sensor except for transport path in RC5 GS502 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A56500	Path error on sensor except for transport path in RC5 GS505 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A57100	Error occurred by the notes disorder in RC5 GS501 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5A57200	Error occurred by the notes disorder in RC5 GS502 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A57500	Error occurred by the notes disorder in RC5 GS505 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A5J200	RC5 No Residue during Collect CSM notes	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(E).4. Check the notes remain after open the recycle cassette door(E).5. Fill up the Notes if there are no notes
5A5J300	RC5 Full,Bottom no detect before move RC PP to stack position during Collect CSM notes	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(E).4. Check the stage status after open the recycle cassette(E).5. Check contamination of GS511/GS512 sensor.
5A5L100	Remaining notes stack process error in RC5 GS501 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A5L200	Remaining notes stack process error in RC5 GS502 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A5L500	Remaining notes stack process error in RC5 GS505 during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5A5R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A5R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A5R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A5R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A61H00	GS618/619 Dark Jam error during Retract CSM.	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5A62100	CSM Residue Error during Collect CSM notes	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5A62200	CSM No separation notes Error during Collect CSM notes	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5A62300	CSM insert notes excess Error during Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Check inserting notes into the CSM are over 300 counts at one time3. If BRM does not recovery open the outer/inner Shutter of CSM3.Remove notes and substance in the CSM(1)
5A62500	CSM notes disappear Error during Collect CSM notes	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5A62600	CSM notes appear Error during Collect CSM notes	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5A62Z00	CSM Residue Error during Collect CSM notes	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5A6B100	CSM Notes insert position Error during Collect CSM notes	1. Return Notes to customer(Semi OK Code)2. If Notes don't retrun open the outer/inner Shutter and remove the notes
5A6B200	CSM Notes in abnormal position(GS601,GS603,GS610,GS611,GS616 등) after ready separation during Collect CSM notes	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
5A6B300	CSM Separate Mis-pickup during Collect CSM notes	1. Return Notes to customer(Semi OK Code)2. If Notes don't retrun open the outer/inner Shutter and remove the notes
5A6B400	CSM Separate disorder Jam (Front Skew) during Collect CSM notes	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
5A6B600	CSM Separate disorder Jam (Over Max Length) during Collect CSM notes	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
5A6B700	CSM Separate disorder Jam (Less Min Length) during Collect CSM notes	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
5A6B800	CSM Separate disorder Dark Jam during Collect CSM notes	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5A6B900	CSM Low speed control 30 times over Error during Collect CSM notes	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
5A6BA00	CSM Over separation notes during collect lost notes during Collect CSM notes	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
5A6BE00	CSM Residue Notes in separation part after separation during Collect CSM notes	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
5A6G100	Fail to move CSM BP to Stack Position during Collect CSM notes	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
5A6G200	Fail to move CSM BP to Deposit Position during Collect CSM notes	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
5A6G300	Fail to move CSM BP to Separation Position during Collect CSM notes	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
5A6G500	Fail to move CSM BP to Note-Out Position during Collect CSM notes	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
5A6G600	Fail to move CSM P-Roller to Home position during Collect CSM notes	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
5A6G800	Fail to CSM return notes during Collect CSM notes	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
5A6G900	CSM GM601 Step out during Collect CSM notes	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
5A6GA00	Fail to move CSM BP to return note Position during Collect CSM notes	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
5A6GB00	Fail to move CSM FP to Deposit Position during Collect CSM notes	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Press and release FP check the FP rotate smoothly5. Check GS652 status(Dark & Light)
5A6GF00	Fail to move CSM G-Roller to Homeposition during Collect CSM notes	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status

Problem Code	Problem Description	Troubleshooting
5A6GG00	Fail to move both CSM P/G-Roller to Homeposition during Collect CSM notes	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
5A6M200	CSM Inner Shutter Open Error during Collect CSM notes	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
5A6M300	CSM Inner Shutter Close Error during Collect CSM notes	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
5A6M400	CSM Outer Shutter Open Error during Collect CSM notes	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
5A6M500	CSM Outer Shutter Close Error during Collect CSM notes	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
5A6M600	CSM Outer Shutter is Opened during Collect CSM notes	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
5A6M700	CSM Inner Shutter Open during Stack during Collect CSM notes	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
5A6M800	CSM Stopper Home position Fail during Collect CSM notes	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move PP Front5. Move Bill Stopper forward/backward and check GS668 sensor status6. Initialize
5A6M900	CSM Stopper Stack position Fail during Collect CSM notes	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move PP Front5. Move Bill Stopper forward/backward and check GS668 sensor status6. Initialize
5A6MB00	CSM Bill Supporter Up position Fail during Collect CSM notes	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Check the failure and breakage of Bill Lifter/Support5. Initialize
5A6MC00	CSM Bill Supporter Down position Fail during Collect CSM notes	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Check the failure and breakage of Bill Lifter/Support5. Initialize
5A6P100	CSM PP Withdrawal(Stack) position Fail during Collect CSM notes	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize

Problem Code	Problem Description	Troubleshooting
5A6P200	CSM PP Deposit position Fail during Collect CSM notes	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5A6P300	CSM PP Separation position Fail during Collect CSM notes	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5A6P400	CSM PP collect lost notes position Fail during Collect CSM notes	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5A6P500	CSM PP Note-out position Fail during Collect CSM notes	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5A6P600	CSM PP Note-arrange position Fail during Collect CSM notes	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5A6P800	CSM PP Control Stack Fail during Collect CSM notes	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5A6P900	CSM PP Return note position Fail during Collect CSM notes	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5A6PD00	CSM PP Check semi-note Fail during Collect CSM notes	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5A6PE00	CSM PP Bill SuCSM PPorter Up position Fail during Collect CSM notes	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize

Problem Code	Problem Description	Troubleshooting
5A6R100	CSM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A6R200	CSM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A6R300	CSM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A6R600	CSM response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A6RB00	CSM BP response timeout during Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A6RF00	CSM Feed Motor response timeout during Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A6RL00	CSM Lift response timeout during Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A6RP00	CSM PP response timeout during Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A6RR00	CSM Bill supporter response timeout during Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A6RS00	CSM Inner Shutter response timeout during Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A6RT00	CSM Stopper response timeout during Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A6SA00	CSM Receive undefined command during Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A6SR00	CSM Sub Task for Wait Setting Error during Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A70100	TSK GS701 Light Jam during Collect CSM notes	1. Open the upper unit2. Open the TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) Transport PATH(4)
5A70200	TSK GS702 Light Jam during Collect CSM notes	1. Open the upper unit2. Open the TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) Transport PATH(4)
5A70300	TSK GS703,4 Light Jam during Collect CSM notes	1. Open the upper unit2. Open the TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) Transport PATH(4)

Problem Code	Problem Description	Troubleshooting
5A70Z00	TSK All Light Jam during Collect CSM notes	1. Open the upper unit2. Open the TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) Transport PATH(4)
5A71100	TSK GS701 Dark Jam during Collect CSM notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5A71200	TSK GS702 Dark Jam during Collect CSM notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5A71300	TSK GS703,4 Dark Jam during Collect CSM notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5A71Z00	TSK All Dark Jam during Collect CSM notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5A72100	Error occurred by notes remained in TSK GS701 during Collect CSM notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5A72200	Error occurred by notes remained in TSK GS702 during Collect CSM notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5A72300	Error occurred by notes remained in TSK GS703,4 during Collect CSM notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5A72Z00	Error occurred by notes remained in TSK All Sensor during Collect CSM notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5A77100	Error occurred by the notes disorder in GS701 during Collect CSM notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5A77200	Error occurred by the notes disorder in GS702 during Collect CSM notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5A77300	Error occurred by the notes disorder in TSK GS703,4 during Collect CSM notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5A77Z00	Error occurred by the notes disorder in TSK All during Collect CSM notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)

Problem Code	Problem Description	Troubleshooting
5A7C200	TSK Last note unclear during separation during Collect CSM notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) 4. Close the upper unit5. Initialize
5A7CA00	TSK Incounted note is not Outcounted for 500ms during Collect CSM notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5A7F200	TSK GM701 stepout during stack during Collect CSM notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5) 6. Rotate the knob of TSK(5) to find obstruction out
5A7F300	TSK GM701 F-Roller Homeposition fail during Collect CSM notes	1. Open the upper unit2. Open the TM(Test Module)3. Rotate the knob of TSK to check sensor(GS752) change 4. Rotate the knob of TSK(5) to find obstruction out
5A7G100	GM701 Return notes fail during Collect CSM notes	1. Open the upper unit2. Confirm to Rotate a knob of TSK(5) softly
5A7J100	TSK Full during Collect CSM notes	1. Open the upper unit2. Open the TSK(5)3. Check the notes remain in the TSK(5)4. Remove notes remain in the TSK
5A7L100	Remaining notes stack process error in TSK GS701 during Collect CSM notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5A7L200	Remaining notes stack process error in TSK GS702 during Collect CSM notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5A7L300	Remaining notes stack process error in TSK GS703,4 during Collect CSM notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5A7LZ00	Remaining notes stack process error in TSK All during Collect CSM notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5A7M100	TSK Stopper Home position for intialize fail during Collect CSM notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if stopper was obstructed
5A7M200	TSK Stopper Stack position for intialize fail during Collect CSM notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if stopper was obstructed
5A7M300	TSK Stopper Return note position for intialize fail during Collect CSM notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if stopper was obstructed
5A7M400	TSK Stopper Lock FP Fail during Collect CSM notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if FP(Front Plate) was obstructed
5A7M500	TSK Stopper Unlock FP Fail during Collect CSM notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if FP(Front Plate) was obstructed
5A7P100	FP Sensor detect Dark Fail during Collect CSM notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if PP(Push Plate) was obstructed to rotate PP knob4. Check if FP(Front Plate) was obstructed to rotate

Problem Code	Problem Description	Troubleshooting
5A7P200	FP Sensor detect Light Fail during Collect CSM notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if PP(Push Plate) was obstructed to rotate PP knob4. Check if FP(Front Plate) was obstructed to rotate
5A7P300	PP Press position fail during Collect CSM notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if PP(Push Plate) was obstructed to rotate PP knob
5A7Q700	TSK Door Open during operation in Collect CSM notes	1. Close the door of TSK(5)
5A7R100	TSK response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A7R200	TSK response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A7R300	TSK response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A7R600	TSK response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A7RF00	TSK Feed Motor response timeout in Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A7RP00	TSK PP response timeout in Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A7RT00	TSK Stopper response timeout in Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A7S200	TSK Receive undefined command in Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A7SR00	TSK Sub Task for Wait Setting Error in Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A8HA01	GS801A Sensor Error during Collect CSM notes	1. Check GS801A2. Operate to initialize BRM(Recovery)
5A8HA02	GS801B Sensor Error during Collect CSM notes	1. Check GS801B2. Operate to initialize BRM(Recovery)
5A8HA03	GS801A, GS801B Sensor Error during Collect CSM notes	1. Check GS801A, GS801B2. Operate to initialize BRM(Recovery)
5A8HA04	GS802A Sensor Error during Collect CSM notes	1. Check GS802A2. Operate to initialize BRM(Recovery)
5A8HA05	GS801A, GS802A Sensor Error during Collect CSM notes	1. Check GS801A, GS802A2. Operate to initialize BRM(Recovery)
5A8HA06	GS801B, GS802A Sensor Error during Collect CSM notes	1. Check GS801B, GS802A2. Operate to initialize BRM(Recovery)

<b>Problem Code</b>	<b>Problem Description</b>	<b>Troubleshooting</b>
5A8HA07	GS801A, GS801B, GS802A Sensor Error during Collect CSM notes	1. Check GS801A, GS801B, GS802A2. Operate to initialize BRM(Recovery)
5A8HA08	GS802B Sensor Error during Collect CSM notes	1. Check GS802B2. Operate to initialize BRM(Recovery)
5A8HA09	GS801A, GS802B Sensor Error during Collect CSM notes	1. Check GS801A, GS802B2. Operate to initialize BRM(Recovery)
5A8HA10	GS801B, GS802B Sensor Error during Collect CSM notes	1. Check GS801B, GS802B2. Operate to initialize BRM(Recovery)
5A8HA11	GS801A, GS801B, GS802B Sensor Error during Collect CSM notes	1. Check GS801A, GS801B, GS802B2. Operate to initialize BRM(Recovery)
5A8HA12	GS802A, GS802B Sensor Error during Collect CSM notes	1. Check GS802A, GS802B2. Operate to initialize BRM(Recovery)
5A8HA13	GS801A, GS802A, GS802B Sensor Error during Collect CSM notes	1. Check GS801A, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5A8HA14	GS801B, GS802A, GS802B Sensor Error during Collect CSM notes	1. Check GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5A8HA15	GS801A, GS801B, GS802A, GS802B Sensor Error during Collect CSM notes	1. Check GS801A, GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5A8HB01	MR Sensor Level Error during Collect CSM notes	1. Check MR Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5A8HC02	UV_01 Sensor Level Error during Collect CSM notes	1. Check UV Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5A8HF03	CIS Shading data loading Fail during Collect CSM notes	1. Operate shading in the BC CIS2. Operate to initialize BRM(Recovery)
5A8HF04	Detection DB Table loading Fail during Collect CSM notes	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5A8HF05	BC FPGA Data checksum Fail during Collect CSM notes	1. Check to BC FPGA File2. Operate to initialize BRM(Recovery)
5A8HF06	BC FPGA Configuration Fail during Collect CSM notes	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5A8HF07	BC FPGA Header Information Loading Fail during Collect CSM notes	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5A8HF08	BC FPGA Initialize Fail during Collect CSM notes	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5A8HF09	BC FPGA VERSION Fail during Collect CSM notes	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5A8HF11	Detection DB #01 loading Fail during Collect CSM notes	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5A8HF12	Detection DB #02 loading Fail during Collect CSM notes	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5A8HF13	Detection DB #03 loading Fail during Collect CSM notes	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5A8HF14	Detection DB #04 loading Fail during Collect CSM notes	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5A8HF15	Detection DB #05 loading Fail during Collect CSM notes	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5A8HF16	Detection DB #06 loading Fail during Collect CSM notes	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5A8HF17	Detection DB #07 loading Fail during Collect CSM notes	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5A8HF18	Detection DB #08 loading Fail during Collect CSM notes	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5A8HF19	Detection DB #09 loading Fail during Collect CSM notes	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5A8HF20	Detection DB #10 loading Fail during Collect CSM notes	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5A8HG01	Mode Set Error When Receive BC MODE Command (Mode Value is not 1 or 2 ) during Collect CSM notes	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5A8HG02	Detection Level Set Error When Receive BC MODE Command (Detection Level Value is 0 ) during Collect CSM notes	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5A8HG03	BC Transaction Ready Fail When Receive BC READY Command during Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5A8HG04	Mode Set Error When Receive BC READY Command (Mode Value is not 1 or 2 ) during Collect CSM notes	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5A8HG05	Detection Level Set Error When Receive BC READY Command (Detection Level Value is 0 ) during Collect CSM notes	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5A8HG06	BC Entry Direction Set Error When Receive BC READY Command (Not Deposit-Withdrawal/Stack Direction ) during Collect CSM notes	1. Check BC putting direction.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5A8HG07	Receive BC Unknown Command during Collect CSM notes	1. Check BC reception full command.1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization.
5A8HG08	The Number of Nations Set Error When Receive BC DATA WRITE Command (Over 0, 10) during Collect CSM notes	1. Check the number of supported country.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5A8HG09	Nation Code Set Error When Receive BC DATA WRITE Command during Collect CSM notes	1. Check the supported country code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5A8HG10	Detection DB of the Nation is not exist When Receive BC DATA WRITE Command during Collect CSM notes	1. Check the BC recognition DB of country.2. Download DB again after deleting all recognition DB3. Operate to initialize BRM(Recovery)4. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5A8HG11	No Nation Code When Receive BC READY Command during Collect CSM notes	1. Check the country setting value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5A8HG12	BC Version Value Set Error When Receive BC DATA WRITE Command (Not BC FPGA) during Collect CSM notes	1. Check the BC specifications devision and BC FPGA specifications.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization
5A8HG20	Fail to Initialize CIS When Receive BC READY Command during Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Check CIS part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5A8HG21	Fail to ENCODER POWER ON When Receive BC READY Command during Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5A8HG22	Fail to adjust DD Sensor DAC When Receive BC READY Command during Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Check whether the sensor is contaminated or not if same error occurs after Initialize3. Reboot the system when same error occurs even though there is no substance.
5A8HG23	DD Sensor DAC Set Error When Receive BC READY Command during Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Check DD sensor part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5A8HG24	ENCODER Mode Set Error When Receive BC READY Command during Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance
5A8HG30	Counterfeit Note List CRC Error When Receive BC SERIAL NO Command during Collect CSM notes	1. Check the forged notes list CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5A8HG31	Not Receive The Number of Counterfeit Note Lists and CRC When Receive BC SERIAL NO Command during Collect CSM notes	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5A8HG32	Over The Number of Counterfeit Note Lists When Receive BC SERIAL NO Command (Over 200) during Collect CSM notes	1. Check the whole number of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5A8HG33	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Nation Code 0) during Collect CSM notes	1. Check the country code of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5A8HG34	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Length Over 2~29) during Collect CSM notes	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5A8HG36	Note Number Detection Mode Set Error When Receive BC MODE Command (Mode Value is Not 0, 1, 2) during Collect CSM notes	1. Check to the recognized mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5A8HG37	Transaction Classification Set Error When Receive BC MODE Command (Classification Value is Not 0, 1, 2) during Collect CSM notes	1. Check to the transaction setting.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.

Problem Code	Problem Description	Troubleshooting
5A8HG38	Counterfeit Note List Search Classification Set Error When Receive BC SERIAL NO Command 위조지폐 목록 검색 구분 설정 오류 (Classification Value is Not 1, 2, 3 ) during Collect CSM notes	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5A8HG39	Counterfeit Note List Note Number Set Error When Receive BC SERIAL NO Command (Use '*' When Search Note Number Part) during Collect CSM notes	1. Check the forged notes list's note numbers.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5A8HG4A	BC MODE SET Bill Management Level Set Error (Over 1~5) during Collect CSM notes	1. Check the check number when registering check number.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5A8HG4B	Over The Number of BC MODE SET Back Codes (Over 15) during Collect CSM notes	1. Check check number table's length.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5A8HG40	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use End Number at First When Search Note Number Part) during Collect CSM notes	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5A8HG41	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use Start Number at Last When Search Note Number Part) during Collect CSM notes	1. Check check total number of tables.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5A8HG42	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Wrong Start/End Number Order When Search Note Number Part) during Collect CSM notes	1. Check check management mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5A8HG43	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Use Wrong Length Value When Search Note Number Part) during Collect CSM notes	1. Check the number of check issued by our bank code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5A8HG44	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Use Wrong Nation Code When Search Note Number Part) during Collect CSM notes	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5A8HG45	Not Receive The Number of Bill Number Tables and CRC When Receive Check No Write Command during Collect CSM notes	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5A8HG46	Bill Number Error When Receive Check No Write Command during Collect CSM notes	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5A8HG47	Bill Number Table Length Set Error When Receive Check No Write Command (Length Over 0~50) during Collect CSM notes	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5A8HG48	Bill Number Table CRC Error When Receive Check No Write Command during Collect CSM notes	1. Check the forged notes list's country-code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5A8HG49	Over The Number of Bill Number Tables When Receive Check No Write Command (Over 5) during Collect CSM notes	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5A8HH01	Fail to Delete NAND FLASH during Collect CSM notes	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5A8HH02	NAND FLASH Delete BLOCK Set Error When Download Detection DB during Collect CSM notes	1. Download DB again after checking recognition DB's delete index.2. Operate to initialize BRM(Recovery)
5A8HH03	Fail to Download Detection DB during Collect CSM notes	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5A8HH04	NAND FLASH Download BLOCK Set Error When Download Detection DB during Collect CSM notes	1. Download DB again after checking recognition DB's index.2. Operate to initialize BRM(Recovery)
5A8HH05	Detection DB Download File Check Error during Collect CSM notes	1. Download DB again after checking recognition DB file.2. Operate to initialize BRM(Recovery)
5A8HH06	Detection DB Download File Size Error during Collect CSM notes	1. Download DB again after checking recognition DB download file.2. Operate to initialize BRM(Recovery)
5A8HH07	DB Table Save Error After Download Detection DB during Collect CSM notes	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5A8HH08	Over Detection DB Download (Over 10) during Collect CSM notes	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5A8HH09	Detection DB Header Information Error during Collect CSM notes	1. Download DB again after deleting recognition DB.2. Operate to initialize BRM(Recovery)
5A8HH10	EP Download Fail during Collect CSM notes	1. Re-download BC EP.2. Change the BC B/D if continuous error.
5A8HH11	EP Downlaod Check Error during Collect CSM notes	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5A8HH12	EP Download File Size Error during Collect CSM notes	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5A8HH13	EP Download File ID Error (Not EPAP/EPBT/EPFP) during Collect CSM notes	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5A8HH14	BC FPGA Download Fail during Collect CSM notes	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
5A8HH15	Header Information Save Error After BC FPGA Download during Collect CSM notes	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
5A8HH16	Not Provide BC FPGA Download during Collect CSM notes	1. Check BC FPGA VERSION.2. Change the BC B/D if continuous error.
5A8HH17	EEPROM READ/WRITE Error during Collect CSM notes	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
5A8HH18	Receive Unit Serial Number Undefined Option during Collect CSM notes	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
5A8HH19	Receive USB Undefined Command during Collect CSM notes	1. Check USB Command from BC and retry the operation2. Check BC version and Update EP3. Change the BC B/D if continuous error.
5A8HH20	No BC Process Note When Receive Image Upload Command during Collect CSM notes	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.

Problem Code	Problem Description	Troubleshooting
5A8HH21	FC1 Set Error When Receive Image Upload Command during Collect CSM notes	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5A8HH22	BC is Processing Note When Receive Image Upload Command during Collect CSM notes	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5A8HH23	FC2 Set Error When Receive Image Upload Command during Collect CSM notes	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5A8HH24	Not Provide Total Image Upload Function during Collect CSM notes	1. Check if SP or TM is out of date.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5A8HH25	Not Provide Note Number Detection Image Upload Function during Collect CSM notes	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5A8HH26	FC2 Set Error When Receive Image Information Upload Command during Collect CSM notes	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5A8HH27	BRM Transaction Mode is Not Same with Image Upload Command Mode during Collect CSM notes	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5A8HH28	BRM Transaction Mode is Not Same with Replenishment/Collect Cash Image Upload Command Mode during Collect CSM notes	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5A8HH29	No BC Process Note When Receive Replenishment/Collect Cash Image Upload Command during Collect CSM notes	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5A8HH3A	FC1 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Collect CSM notes	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5A8HH3B	BC is Processing Note When Receive Replenishment/Collect Cash Image Upload Command during Collect CSM notes	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5A8HH3C	FC2 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Collect CSM notes	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5A8HH3D	Not Provide Replenishment/Collect Cash Image Upload Function during Collect CSM notes	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5A8HH3E	Note Image Upload Index is Not Same When Receive Replenishment/Collect Cash Image Upload Command during Collect CSM notes	1. Get BC log and image.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5A8HI01	RecogTask Messeage Timeout Error during Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5A8HI02	ScanTask Messeage Timeout Error during Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5A8HI03	UartTask Messeage Timeout Error during Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5A8HI04	BcUsbTask Messeage Timeout Error during Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5A8HJ01	Algorithm Initialize Fail during Collect CSM notes	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5A8HJ02	Algorithm Ready Fail during Collect CSM notes	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5A8HJ03	Algorithm Information Set Error during Collect CSM notes	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5A8HK01	Table CRC Error When Set Poly-Note Withdrawal Information during Collect CSM notes	1. Retry the operation
5A8HK02	CST Note Information Set Number Error When Set Poly-Note Withdrawal Information (n is 0 or over 256) during Collect CSM notes	1. Check the number of CST Setting notes info
5A8HK03	Withdrawal Note Number Set Error When Set Poly-Note Withdrawal Information ( n is 0 or over 3000) during Collect CSM notes	1. Check Withdrawal notes setting
5A8HK04	Note Information (Not CST Set Note) is Set in Withdrawal Note Information When Set Poly-Note Withdrawal Information during Collect CSM notes	1. Check Withdrawal notes info
5A8HS01	FPGA Write Data Error When Initialize Scan Driver during Collect CSM notes	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5A8HS02	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver during Collect CSM notes	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5A8HS03	Fail to Set CIS Led On Value When Initialize Scan Driver during Collect CSM notes	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5A8HS04	Fail to Set Source of Scan Light When Initialize Scan Driver during Collect CSM notes	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5A8HS05	Not Process Shading When Initialize Scan Driver during Collect CSM notes	1. Perform CiS Shading.2. Operate to initialize BRM(Recovery)
5A8HS08	Fail to Set DAC When Initialize Scan Driver during Collect CSM notes	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5A8HS11	FPGA Write Data Error When BC Ready during Collect CSM notes	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5A8HS12	Fail to Power On When BC Ready Sensor(MR/UV/DD/Encoder/Entry Sensor) during Collect CSM notes	1. Retry the operation.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5A8HS13	Fail to Set CIS Led On Value When BC Ready during Collect CSM notes	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5A8HS14	Fail to Set Source of Scan Ligh When BC Ready during Collect CSM notes	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5A8HS15	Not Process Shading When BC Ready during Collect CSM notes	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5A8HS17	Fail to Set AFE Chip When BC Ready during Collect CSM notes	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5A8HS18	Fail to Set DAC When BC Ready during Collect CSM notes	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5A8HS19	MR/UV/DD Sampling Start Error When BC Ready during Collect CSM notes	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5A8HS2A	Fail to Set 2-Notes DAC When BC Ready during Collect CSM notes	1. Perform calibration info about double notes or one note.2. Operate to initialize BRM(Recovery)
5A8HS2B	2-Notes to 1-Note Adjust Information Error When BC Ready during Collect CSM notes	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5A8HS22	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver When Stop BC during Collect CSM notes	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5A8HS28	Fail to Set DAC When Stop BC during Collect CSM notes	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5A8HS29	MR/UV/DD Sampling Stop Error When Stop BC during Collect CSM notes	1. Check whether double notes sensor is contaminant or not.2. Check whether double notes sensor is connected.3. Retry the operation.4. Change the BC if continuous error.
5A8HS31	BC Ready Fail When Process CIS Shading – Use in Plant during Collect CSM notes	1. Perform calibration info about double notes or one note and double notes DAC2. Retry the operation
5A8HS32	Dark Adjust Fail When Process CIS Shading – Use in Plant during Collect CSM notes	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Change CIS and Cable5. Change BC
5A8HS33	Over Target Gap When Process CIS Shading – Use in Plant during Collect CSM notes	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
5A8HS34	Fail to Write Result Value Flash When Process CIS Shading – Use in Plant during Collect CSM notes	1. Retry the operation2. Change BC
5A8HS35	BC Stop Fail When Process CIS Shading – Use in Plant during Collect CSM notes	1. Retry the operation2. Change BC
5A8HS36	Over 10Pixel-Excess-Image When Process CIS Shading during Collect CSM notes	1. Retry the operation2. Check CIS note quility and setting status3. Check CIS Connection Status4. Change BC
5A8HS37	Dark Shading Result Value is Standard Over When Process CIS Shading during Collect CSM notes	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Retry the operation5. Change BC
5A8HS38	Max Ontime Ove When Process CIS Shadngr – Use in Plant during Collect CSM notes	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC

Problem Code	Problem Description	Troubleshooting
5A8HS39	Fail to Set Source of Shading Light When Process CIS Shading – Use in Plant during Collect CSM notes	1. Retry the operation2. Change BC
5A8HS41	Fail to Adjust 2-Notes DAC (Less Than MIN) – Use in Plant during Collect CSM notes	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the operation4. Change BC
5A8HS42	Fail to Adjust 2-Notes DAC (Over MAX) – Use in Plant during Collect CSM notes	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the operation4. Change BC
5A8HS43	2-Notes Adjust Flash Write Fail – Use in Plant during Collect CSM notes	1. Retry the operation2. Change BC
5A8R100	BC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A8R200	BC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A8R300	BC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A8R600	BC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A8S100	BCU response MI error during Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A8S200	BCU response BCC error during Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A8S300	BCU response Sub MI error during Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A8S400	BCU response Parameter error during Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5A8S900	BCU response Timeout Error during Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5AA2100	Error occurred by notes remained in GS801 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5AA2200	Error occurred by notes remained in GS002 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5AA2300	Error occurred by notes remained in GS003 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5AA2400	Error occurred by notes remained in GS004 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5AA2500	Error occurred by notes remained in GS005 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5AA2600	Error occurred by notes remained in GS006 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5AA2700	Error occurred by notes remained in GS014 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5AA2800	Error occurred by notes remained in GS018 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5AA2900	Error occurred by notes remained in GS020 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5AA2A00	Error occurred by notes remained in GS021 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5AA2C00	Error occurred by the notes remained in the BCU(CIS Sensor or DD Sensor) during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5AA2E00	Error occurred by notes remained in GS001 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5AA2H00	Error occurred by notes remained in GS618 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5AA2J00	Error occurred by notes remained in GS619 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5AA2K00	Error occurred by notes remained in GS701,702 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5AA2M00	Error occurred by notes remained in GSA01 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5AA2N00	Error occurred by notes remained in GSA02 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5AA2P00	Error occurred by notes remained in GSA03 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5AA2Q00	Error occurred by notes remained in GSD01 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5AA2W00	Error occurred by notes remained in GS802 during Collect CSM notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5AAA100	UTC open Error before operation Collect CSM notes	1. Open the upper unit. 2. Check the UTC removal and reinstallation
5AAA200	TSK open Error before operation Collect CSM notes	1. Open the upper unit. 2. Check the TSK open and close
5AAA300	BMU Inter Lock Error before operation Collect CSM notes	1. Check BMU open and close
5AAA400	BMU open Error before operation Collect CSM notes	1. Check BMU open and close
5AAA500	Replenishment CST open Error before operation Collect CSM notes	1. Check the Transit CST installation
5AAA600	CSM open Error before operation Collect CSM notes	1. Open the upper unit. 2. Check CSM Open/Close

Problem Code	Problem Description	Troubleshooting
5AAA800	BMD Inter Lock Error before operation Collect CSM notes	1. Open the lower unit. 2. Check the BMD open and close
5AAA900	BMD open Error before operation Collect CSM notes	1. Open the lower unit. 2. Check the BMD open and close
5AAAA00	BC Open Error before operation Collect CSM notes	1. Open the upper unit. 2. Check BC Open/Close
5AAAB00	RC Full Error before operation Collect CSM notes	1. Open the lower unit. 2. Check RC Full and remove notes
5AAC00	RJC Full Error before operation Collect CSM notes	1. Open the upper unit. 2. Check RJC Full and remove notes
5AAD00	UTC Full Error before operation Collect CSM notes	1. Open the upper unit. 2. Remove UTC and open the UTC Door3. Remove notes and reinstallation UTC
5AAAE00	RTC Full Error before operation Collect CSM notes	1. Open the lower unit. 2. Remove RT/RJC and open the Door3. Remove notes and reinstall RT/RJC
5AAAF00	RC Empty Error before operation Collect CSM notes	1. Open the lower unit. 2. Remove RC and open the RC Door, Check the Empty Status3. Reinstall the RC
5AAAG00	Suspected note RC open Error before operation Collect CSM notes	1. Open the lower unit. 2. Check the RC removal and reinstall
5AAAH00	Status of BMU loading in the BMU Test Mode before the operation during Collect CSM notes	1. Check Load/Removal of the upper unit2. Replace a cherry switch when error occurs
5AAAK00	Set collect lost note cassette to UTC in Not use RTC mode or Set collect lost note cassette to UTC in BRM58, BRM59 During Collect CSM notes	1. Check the Status of Cassette setting2. Initialize
5AAAL00	Status of UTC loading in the Test Mode before the operation during Collect CSM notes.	1. Open the upper unit2. Check GS010 Sensor Dark/Light Status3. Check UTC(6) installation condition
5AAE100	Received operation command without Initial Info Set during Collect CSM notes	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5AAE200	Status on not operation reception command during Collect CSM notes	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5AAE300	Received operation command without System Info Read during Collect CSM notes	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5AAE400	Transaction was executed without Initializing after power on during Collect CSM notes	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5AAEE00	RBU RS485 communication sequence disorder during Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5AAEF00	RBU RS485 connection line disorder during Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5AAEL00	RBU communication was not ready after power on during Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5AAH600	Failure to check clearing NVRAM during Collect CSM notes	1. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5AAHF00	Transaction count exists but GS801A sensor no change during Collect CSM notes	1. Check GS801A2. Operate to initialize BRM(Recovery)
5AAHG00	Transaction count exists but GS801B sensor no change during Collect CSM notes	1. Check GS801B2. Operate to initialize BRM(Recovery)
5AAHH00	Transaction count exists but GS802A sensor no change during Collect CSM notes	1. Check GS802A2. Operate to initialize BRM(Recovery)
5AAHJ00	Transaction count exists but GS802B sensor no change during Collect CSM notes	1. Check GS802B2. Operate to initialize BRM(Recovery)
5AAR100	Message timeout error during operation ready during Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5AAR200	Message timeout error during transaction operation during Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5AAR300	Message timeout error during error postprocessing during Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5AAR800	RBU/BC sensor auto dimming response message timeout error during Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5AARC00	BC response message timeout error during Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5AARJ00	Message timeout error during Stop Ready during Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5AASG00	Stack CST Set Error during Collect CSM Notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5ABR000	RBU Response Timeout during Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5ABR700	RBU Response Message Timeout during Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5ABS100	RBU RS-232 Seq Num Echo Error during Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5ABS200	RBU RS-232 MI Echo Error during Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5ABSS00	RBU Auto Calibration Command Parameter Error during Collect CSM notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5ACJ100	RC6 RJC Full during Collect CSM notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.

Problem Code	Problem Description	Troubleshooting
5ACJ200	RC6 RC No Residue during Collect CSM notes	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(8).4. Check the notes remain after open the recycle cassette door(8)5. Fill up the Notes if there are no notes
5ACJ300	RC6 Full,Bottom no detect before move RC PP to stack position during Collect CSM notes	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(8).4. Check the stage status after open the recycle cassette(8).5. Check contamination of GS111/GS112 sensor.
5ACR100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5ACR200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5ACR300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5ACR600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5AEJ200	CST No Residue during Collect CSM notes	1. Remove the transit cassette.2. Check the notes remain after open the cassette door.3. Fill up the Notes if there are no notes
5AEJ300	CST Full,Bottom no detect before move RC PP to stack position during Collect CSM notes	1. Remove the transit cassette.2. Check the stage status after open the cassette.3. Check the upper side of the cassette
5AER100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5AER200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5AER300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5AER600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5AFJ200	RC7 No Residue during Collect CSM notes	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(F).4. Check the notes remain after open the recycle cassette door(A)5. Fill up the Notes if there are no notes
5AFJ300	Full,Bottom no detect before move RC7 PP to stack position during Collect CSM notes	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(F).4. Check the stage status after open the recycle cassette(F).5. Check contamination of GSF11/GSF12 sensor.
5AUS100	USB Bulk Sequence Error during Retract CSM.	1. Restart over AP-SP
5AUS300	USB Bulk Received Length Error during Retract CSM.	1. Reboot the system

Problem Code	Problem Description	Troubleshooting
5AUS400	Message transmission Error from USB to Main Task during Retract CSM.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
5AUS500	Message reception Error from MainTask to USB during Retract CSM.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
5AUSCMD	Bulk command data check error during Collect CSM notes. (USB communication failure)	1. Restart over AP-SP
5AUSCRC	CRC data check error during Collect CSM notes. (USB communication failure)	1. Restart over AP-SP
5AUSLEN	Bulk length error during Collect CSM notes. (USB communication failure)	1. Restart over AP-SP
5B00100	GS801 Light Jam error during Collect TSK notes	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5B00200	GS002 Light Jam error during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B00300	GS003 Light Jam error during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B00400	GS004 Light Jam error during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B00500	GS005 Light Jam error during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B00600	GS006 Light Jam error during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B00700	GS014 Light Jam error during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5B00800	GS018 Light Jam error during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B00900	GS020 Light Jam error during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B00A00	GS021 Light Jam error during Collect TSK notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5B00C00	GS030 Light Jam error during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B00E00	GS001 Light Jam error during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B00H00	GS618 Light Jam error during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B00J00	GS619 Light Jam error during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B00M00	GSA01 Light Jam error during Collect TSK notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5B00N00	GSA02 Light Jam error during Collect TSK notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5B00P00	GSA03 Light Jam error during Collect TSK notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5B00Q00	GSD01 Light Jam error during Collect TSK notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5B00W00	GS802 Light Jam error during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B01100	GS801 Dark Jam error during Collect TSK notes	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5B01200	GS002 Dark Jam error during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B01300	GS003 Dark Jam error during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B01400	GS004 Dark Jam error during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B01500	GS005 Dark Jam error during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B01600	GS006 Dark Jam error during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B01700	GS014 Dark Jam error during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B01800	GS018 Dark Jam error during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5B01900	GS020 Dark Jam error during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B01A00	GS021 Dark Jam error during Collect TSK notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5B01C00	GS030 Dark Jam error during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B01E00	GS001 Dark Jam error during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B01H00	GS618 Dark Jam error during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B01J00	GS619 Dark Jam error during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B01M00	GSA01 Dark Jam error during Collect TSK notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5B01N00	GSA02 Dark Jam error during Collect TSK notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5B01P00	GSA03 Dark Jam error during Collect TSK notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5B01Q00	GSD01 Dark Jam error during Collect TSK notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5B01W00	GS802 Dark Jam error during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B02100	Error occurred by notes remained in GS801 during Collect TSK notes	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5B02200	Error occurred by notes remained in GS002 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B02300	Error occurred by notes remained in GS003 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B02400	Error occurred by notes remained in GS004 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B02500	Error occurred by notes remained in GS005 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B02600	Error occurred by notes remained in GS006 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B02700	Error occurred by notes remained in GS014 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B02800	Error occurred by notes remained in GS018 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B02900	Error occurred by notes remained in GS020 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5B02A00	Error occurred by notes remained in GS021 during Collect TSK notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5B02C00	Error occurred by notes remained in GS030 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B02E00	Error occurred by notes remained in GS001 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B02H00	Error occurred by notes remained in GS618 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B02J00	Error occurred by notes remained in GS619 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B02M00	Error occurred by notes remained in GSA01 during Collect TSK notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5B02N00	Error occurred by notes remained in GSA02 during Collect TSK notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5B02P00	Error occurred by notes remained in GSA03 during Collect TSK notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5B02Q00	Error occurred by notes remained in GSD01 during Collect TSK notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5B02W00	Error occurred by notes remained in GS802 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5B05100	GS801 Path error on transport path during Collect TSK notes	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5B05200	GS002 Path error on transport path during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B05300	GS003 Path error on transport path during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B05400	GS004 Path error on transport path during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B05500	GS005 Path error on transport path during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B05600	GS006 Path error on transport path during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B05700	GS014 Path error on transport path during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B05800	GS018 Path error on transport path during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B05900	GS020 Path error on transport path during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B05A00	GS021 Path error on transport path during Collect TSK notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5B05C00	GS030 Path error on transport path during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B05E00	GS001 Path error on transport path during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B05H00	GS618 Path error on transport path during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B05J00	GS619 Path error on transport path during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B05M00	GSA01 Path error on transport path during Collect TSK notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5B05N00	GSA02 Path error on transport path during Collect TSK notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5B05P00	GSA03 Path error on transport path during Collect TSK notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5B05Q00	GSD01 Path error on transport path during Collect TSK notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5B05W00	GS802 Path error on transport path during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B06100	GS801 Path error on sensor except for transport path during Collect TSK notes	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5B06200	GS002 Path error on sensor except for transport path during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B06300	GS003 Path error on sensor except for transport path during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B06400	GS004 Path error on sensor except for transport path during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B06500	GS005 Path error on sensor except for transport path during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B06600	GS006 Path error on sensor except for transport path during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B06700	GS014 Path error on sensor except for transport path during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B06800	GS018 Path error on sensor except for transport path during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B06900	GS020 Path error on sensor except for transport path during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B06A00	GS021 Path error on sensor except for transport path during Collect TSK notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5B06C00	GS030 Path error on sensor except for transport path during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5B06E00	GS001 Path error on sensor except for transport path during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B06H00	GS618 Path error on sensor except for transport path during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B06J00	GS619 Path error on sensor except for transport path during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B06M00	GSA01 Path error on sensor except for transport path during Collect TSK notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5B06N00	GSA02 Path error on sensor except for transport path during Collect TSK notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5B06P00	GSA03 Path error on sensor except for transport path during Collect TSK notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5B06Q00	GSD01 Path error on sensor except for transport path during Collect TSK notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5B06W00	GS802 Path error on sensor except for transport path during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B07100	Error occurred by the notes disorder in GS801 during Collect TSK notes	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5B07200	Error occurred by the notes disorder in GS002 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5B07300	Error occurred by the notes disorder in GS003 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B07400	Error occurred by the notes disorder in GS004 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B07500	Error occurred by the notes disorder in GS005 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B07600	Error occurred by the notes disorder in GS006 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B07700	Error occurred by the notes disorder in GS014 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B07800	Error occurred by the notes disorder in GS018 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B07900	Error occurred by the notes disorder in GS020 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B07A00	Error occurred by the notes disorder in GS021 during Collect TSK notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5B07C00	Error occurred by the notes disorder in GS030 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B07E00	Error occurred by the notes disorder in GS001 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5B07H00	Error occurred by the notes disorder in GS618 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B07J00	Error occurred by the notes disorder in GS619 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B07M00	Error occurred by the notes disorder in GSA01 during Collect TSK notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5B07N00	Error occurred by the notes disorder in GSA02 during Collect TSK notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5B07P00	Error occurred by the notes disorder in GSA03 during Collect TSK notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5B07Q00	Error occurred by the notes disorder in GSD01 during Collect TSK notes	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5B07W00	Error occurred by the notes disorder in GS802 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B0D100	Reject excess error (continue Reject error) during Collect TSK notes	1. Open the upper unit2. Open the shutter of CSM3. Check the separate part status of CSM
5B0D200	Reject excess error (notes excess error) during Collect TSK notes	1. Open the upper unit2. Open the shutter of CSM3. Check the separate part status of CSM
5B0D300	Reject excess error (Unappointed notes error) during Collect TSK notes	1. Check the Deposited Denomination
5B0D400	Reject excess error (Cassette note error) during Collect TSK notes	1. Check the Deposited Denomination
5B0D500	Reject excess error (2notes) during Collect TSK notes	1. Open the upper unit2. Open the shutter of CSM3. Check the separate part status of CSM
5B0D600	Reject excess error (Gap error(1note)) during Collect TSK notes	1. Open the upper unit2. Open the shutter of CSM3. Check the separate part status of CSM
5B0D700	Reject excess error (Gap error(2notes)) during Collect TSK notes	1. Open the upper unit2. Open the shutter of CSM3. Check the separate part status of CSM

Problem Code	Problem Description	Troubleshooting
5B0D800	Reject excess error (skew error) during Collect TSK notes	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
5B0D900	Reject excess error (shift error) during Collect TSK notes	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
5B0DA00	Reject excess error (Max length error(1note)) during Collect TSK notes	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
5B0DB00	Reject excess error (Max length error(2notes)) during Collect TSK notes	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
5B0DC00	Reject excess error (Max length error(3notes)) during Collect TSK notes	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
5B0DD00	Reject excess error (Max length error(4notes)) during Collect TSK notes	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
5B0DE00	Reject excess error (Min length error(1note)) during Collect TSK notes	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
5B0DF00	Reject excess error (Min length error(2notes)) during Collect TSK notes	1. Open the upper unit2. Open the shutter of CSM3. Check the seperate part status of CSM
5B0DG00	Reject excess error (note error) during Collect TSK notes	1. Check the Deposited Denomination
5B0DH00	Reject excess error (MR error) during Collect TSK notes	1. Check the Notes(Failure to Notes recognition)
5B0DJ00	Reject excess error (IR error) during Collect TSK notes	1. Check the Notes(Failure to Notes recognition)
5B0DK00	Reject excess error (Edge error) during Collect TSK notes	1. Check the Notes(Failure to Notes recognition)
5B0DL00	Reject excess error (Image error) during Collect TSK notes	1. Check the Notes(Failure to Notes recognition)
5B0DM00	Reject excess error (UV error) during Collect TSK notes	1. Check the Notes(Failure to Notes recognition)
5B0DN00	Reject excess error (Sensor error) during Collect TSK notes	1. Operate to initialize BRM(Recovery)
5B0DO00	Deposit count disallowed notes reject excess error during Collect TSK notes	Return the Notes to customer(Semi OK Code)
5B0DP00	Reject excess error (Communication error) during Collect TSK notes	1. Operate to initialize BRM(Recovery)
5B0DQ00	Reject excess error (Full & etc) during Collect TSK notes	1. Operate to initialize BRM(Recovery)
5B0DR00	Recognition Fail Error (Recognition test fail) during Collect TSK notes	1. Operate to initialize BRM(Recovery)
5B0DS00	Recognition Fail Error (No Recognition info) during Collect TSK notes	1. Operate to initialize BRM(Recovery)
5B0DT00	Recognition Fail Error (Only STX in Recognition info) during Collect TSK notes	1. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5B0DU00	Recognition Fail Error (Recognition info BCC NG) during Collect TSK notes	1. Operate to initialize BRM(Recovery)
5B0DV00	Recognition Fail Error (Recognition info MI NG) during Collect TSK notes	1. Operate to initialize BRM(Recovery)
5B0DW00	Recognition Fail Error (Recognition info Index Fail) during Collect TSK notes	1. Operate to initialize BRM(Recovery)
5B0DX00	Recognition Fail Error (Info BC Pass Info) during Collect TSK notes	1. Operate to initialize BRM(Recovery)
5B0DY00	Recognition Fail Error (Serial Number Data Format error) during Collect TSK notes	1. Operate to initialize BRM(Recovery)
5B0F100	GM001 motor doesn't operate at a constant speed when the motor works during Collect TSK notes	1. Open the upper unit2. Check the Front Transport Path(2) gear rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Check GS804 Sensor Dark/Light Status and Initialize
5B0F200	GM002 motor doesn't operate at a constant speed when the motor works during Collect TSK notes	1. Open the upper unit2. Check the TOP Transport(4) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
5B0F400	GM004 motor doesn't operate at a constant speed when the motor works during Collect TSK notes	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
5B0F600	GM006 motor doesn't operate at a constant speed when the motor works during Collect TSK notes	1. Open the upper unit2. Check the customer service module (CSM 1-1, 1-2) gear and knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
5B0F700	GM007 motor doesn't operate at a constant speed when the motor works during Collect TSK notes	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
5B0F900	GM009 motor doesn't operate at a constant speed when the motor works during Collect TSK notes	1. Open the Transit Transport, related system point 2. Check the Transit Transport gear, knob rotates softly 3. Check GS019 Sensor Dark/Light Status and Initialize4. Check remained Notes and substance in the Transit Transport5. Initialize
5B0FA00	GM001 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Collect TSK notes	1. Open the upper unit2. Check the Front Transport Path(2) gear rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Check GS804 Sensor Dark/Light Status and Initialize
5B0FB00	GM002 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Collect TSK notes	1. Open the upper unit2. Check the TOP Transport(4) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
5B0FC00	GM004 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Collect TSK notes	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
5B0FD00	GM006 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Collect TSK notes	1. Open the upper unit2. Check the customer service module (CSM 1-1, 1-2) gear and knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize

Problem Code	Problem Description	Troubleshooting
5B0FE00	GM007 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Collect TSK notes	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check GS017 Sensor Dark/Light Status4. Check remained Notes and substance in the upper Transport Path5. Initialize
5B0FF00	GM009 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Collect TSK notes	1. Open the Transit Transport, related system point 2. Check the Transit Transport gear, knob rotates softly 3. Check GS019 Sensor Dark/Light Status4. Check remained Notes and substance in the Transit Transport5. Initialize
5B0G100	Failure to 3Way Gate 0 degree mode conversion during Collect TSK notes	1. Open the upper unit2. Open the customer service module(1) and TOP Transport(4)3. Remove notes and substance in the Transport Path and 3way gate4. Check remained Notes and substance in the upper Transport Path5. Initialize
5B0G200	Failure to 3Way Gate 120 degree mode conversion during Collect TSK notes	1. Open the upper unit2. Open the customer service module(1) and TOP Transport(4)3. Remove notes and substance in the Transport Path and 3way gate4. Check remained Notes and substance in the upper Transport Path5. Initialize
5B0GB00	Time Out to 3Way Gate Mode conversion during Collect TSK notes	1. Open the upper unit2. Open the customer service module(1) and TOP Transport(4)3. Remove notes and substance in the Transport Path and 3way gate4. Check remained Notes and substance in the upper Transport Path5. Initialize
5B0GC00	Failure to RTRJ Gate RJC Mode conversion during Collect TSK notes	1. Open the lower unit2. Open MID Transport(7)3. Check remained Notes and substance in the RT/RJC4. Check remained Notes in RT/RJC gate
5B0GD00	Failure to RTRJ Gate RTC Mode conversion during Collect TSK notes	1. Open the lower unit2. Open MID Transport(7)3. Check remained Notes and substance in the RT/RJC4. Check remained Notes in RT/RJC gate
5B0K100	Duplication S/N Error during Collect TSK notes	1. Check the duplicate note and remove the note.2. Operate to initialize BRM(Recovery)
5B0N400	Jam Message Receive Error during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B0NA00	Checksum error when notes separate from TSK during Collect TSK notes	1. Operate to initialize BRM(Recovery)
5B0NC00	length different from separation part to stack part after transport during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B0NK00	BC recognized notes have no cassette to be stacked during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B0Q100	UTC detachment Error during Collect TSK notes	1. Open the upper unit2. Check GS010 Sensor Dark/Light Status3. Check UTC(6) installation condition
5B0Q200	TSK detachment Error during Collect TSK notes	1. Open the upper unit2. Check GS015 Sensor Dark/Light Status3. Check TSK(5) installation condition
5B0Q300	BMU Inter Lock Error during Collect TSK notes	1. Check Load/Removal of the upper unit2. Replace a cherry switch when error occurs
5B0Q400	BMU detackment Error during Collect TSK notes	1. Check Load/Removal of the upper unit

Problem Code	Problem Description	Troubleshooting
5B0Q500	Replenishment CST detachment Error during Collect TSK notes	1. Check the safe door open
5B0Q600	CSM detackment Error during Collect TSK notes	1. Open the upper unit2. Check to open/close CSM3. Check the sensors GS011
5B0Q800	BMD Inter Lock Error during Collect TSK notes	1. Check the lower Unit load/removal2. Replace a cherry switch when error occurs
5B0Q900	BMD detachment Error during Collect TSK notes	1. Check the lower Unit load/removal
5B0QA00	BC Open Error during Collect TSK notes	1. Open the upper unit2. Open the customer service module (CSM)3. Check the lock lever in the BC4. Check GS003 Sensor Dark/Light Status
5B0QS00	Receive Error Stop CMD during Collect TSK notes	1. Initialize
5B0R100	BM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B0R200	BM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B0R300	BM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B0SZ00	Receive undefined command during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B10100	RC1 GS101 Light Jam during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B10200	RC1 GS102 Light Jam during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B10500	RC1 GS105 Light Jam during Collect TSK notes	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(A)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5B10Z00	RC1 All Light Jam during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5B11100	RC1 GS101 Dark Jam during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B11200	RC1 GS102 Dark Jam during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5B11500	RC1 GS105 Dark Jam during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B11Z00	All RC1 Sensor Dark Jam during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5B12100	Error occurred by notes remained in RC1 GS101 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B12200	Error occurred by notes remained in RC1 GS102 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B12500	Error occurred by notes remained in RC1 GS105 during Collect TSK notes	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(A)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5B12Z00	Error occurred by notes remained in All RC1 Sensor during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5B13100	RC1 GS101 Sensor auto calibration error during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B13200	RC1 GS102 Sensor auto calibration error during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B13500	RC1 GS105 Sensor auto calibration error during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B13Z00	All RC1 Sensor auto calibration error during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5B14100	RC1 GS101 Extern lights check error during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B14200	RC1 GS102 Extern lights check error during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5B14500	RC1 GS105 Extern lights check error during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B14Z00	All RC1 Sensor Extern lights check error during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5B15100	RC1 GS101 Path error on transport path during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B15200	RC1 GS102 Path error on transport path during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B15500	RC1 GS105 Path error on transport path during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B15Z00	All RC1 Sensor Path error on transport path during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5B16100	RC1 GS101 Path error on sensor except for transport path during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B16200	RC1 GS102 Path error on sensor except for transport path during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B16500	RC1 GS105 Path error on sensor except for transport path during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B16Z00	RC1 All Path error on sensor except for transport path during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5B17100	Error occurred by the notes disorder in RC1 GS101 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B17200	Error occurred by the notes disorder in RC1 GS102 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5B17500	Error occurred by the notes disorder in RC1 GS105 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B17Z00	Error occurred by the notes disorder in RC1 All during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5B1G100	RC1 Failure of returning notes (GS101,GS102 Sensors detect no notes) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B1G200	RC1 Failure to move PP to stack position during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (A)4. Open the recycle cassette door(A) 5. Check cassette status to move stage up and down
5B1G400	RC1 Failure to upword moving of PP during RC1 stack roller retreat movement during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (A)4. Open the recycle cassette door(A) 5. Check cassette status to move stage up and down
5B1G500	RC1 Failure to stack roller retreat (GS113 Sensor no change) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B1G600	RC1 Stack Roller retreat position disorder during RC Separation during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B1G700	RC1 Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS107) no change) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B1G800	RC1 Failure to move PP to press position (GS108 Sensor Dark Fail) during Collect TSK notes	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(A).4. Check the stage status after open the recycle cassette(A).5. Check the upper side of the recycle cassette
5B1GA00	RC1 Solenoid Echo error during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A) and reload4. Replace the cassette when same error occurs
5B1GB00	RC1 Feed Roller homeposition Sensor(GS107) Light detect fail during RC Stack during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B1GC00	RC1 Feed Roller homeposition Sensor(GS107) Dark detect fail during RC Stack during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
5B1GD00	RC1 GS101,GS102 Detect notes during move RC Feed Roller to homeposition during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B1GE00	RC1 GS108 detect dark before move RC Feed Roller to homeposition during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note.
5B1GF00	RC1 Notes Setting error during initialize (GS114, Bottom Sensor(GS112) both dark) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note.
5B1GG00	RC1 Stack Roller Sensor(GS113) detect light during RC FM Stack during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B1GH00	RC1 Stack Roller Sensor(GS113) detect dark during RC FM Stack during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B1GJ00	RC1 Stack Roller retreat fail (Motor Overrun) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B1GK00	RC1 Stack Roller retreat fail (Motor speed error) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B1GL00	RC1 Feed Roller homeposition fail (Motor speed error) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B1GQ00	RJC Press and Stack position fail during Collect TSK notes	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
5B1GR00	RJC Stack position fail during Collect TSK notes	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
5B1GS00	RC1 RJC Press position fail during Collect TSK notes	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
5B1GT00	RC1 GS151 fail to detect dark when PP moves down during RJC PP Stack during Collect TSK notes	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.

Problem Code	Problem Description	Troubleshooting
5B1GU00	RC1 GS151 fail to detect light when PP moves down during RJC PP Stack during Collect TSK notes	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
5B1GV00	RC1 GS152 fail to detect dark when PP moves down during RJC PP Stack during Collect TSK notes	1. Open the lower unit.2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
5B1GW00	RC1 GS151 fail to detect light when PP moves down during RJC initialize during Collect TSK notes	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
5B1GX00	RC1 GS101 detects notes during RJC intialize during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B1J100	RJC Full during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
5B1J200	RC1 No Residue during Collect TSK notes	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(A).4. Check the notes remain after open the recycle cassette door(A)5. Fill up the Notes if there are no notes
5B1J300	Full,Bottom no detect before move RC1 PP to stack position during Collect TSK notes	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(A).4. Check the stage status after open the recycle cassette(A).5. Check contamination of GS111/GS112 sensor.
5B1R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B1R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B1R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B1R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B1RF00	RC1 Feed Motor response timeout during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B1RP00	RC1 PP response timeout during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B1S200	RC1 Receive undefined command during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5B1S300	RC1 Task not for separation receive separation command during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B1SA00	RC1 Sub Task receive undefined command during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B1SR00	RC1 Sub Task for Wait Setting Error during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B20100	RC2 GS201 Light Jam during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B20200	RC2 GS202 Light Jam during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B20500	RC2 GS205 Light Jam during Collect TSK notes	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(B)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5B20Z00	RC2 All Light Jam during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5B21100	RC2 GS201 Dark Jam during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B21200	RC2 GS202 Dark Jam during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B21500	RC2 GS205 Dark Jam during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B21Z00	RC2 All Dark Jam during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5B22100	Error occurred by notes remained in RC2 GS201 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B22200	Error occurred by notes remained in RC2 GS202 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5B22500	Error occurred by notes remained in RC2 GS205 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B22Z00	Error occurred by notes remained in RC2 All Sensor during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5B23100	Sensor auto calibration error in RC2 GS201 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B23200	Sensor auto calibration error in RC2 GS202 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B23500	Sensor auto calibration error in RC2 GS205 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B23Z00	Sensor auto calibration error in RC2 All Sensor during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5B24100	Extern lights check error in RC2 GS201 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B24200	Extern lights check error in RC2 GS202 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B24500	Extern lights check error in RC2 GS205 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B24Z00	Extern lights check error in RC2 All Sensor during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5B25100	Path error on transport path in RC2 GS201 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B25200	Path error on transport path in RC2 GS202 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5B25500	Path error on transport path in RC2 GS205 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B25Z00	Path error on transport path in RC2 All Sensor during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5B26100	Path error on sensor except for transport path in RC2 GS201 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B26200	Path error on sensor except for transport path in RC2 GS202 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B26500	Path error on sensor except for transport path in RC2 GS205 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B26Z00	Path error on sensor except for transport path in RC2 All during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5B27100	Error occurred by the notes disorder in RC2 GS201 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B27200	Error occurred by the notes disorder in RC2 GS202 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B27500	Error occurred by the notes disorder in RC2 GS205 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B27Z00	Error occurred by the notes disorder in RC2 All during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5B2G100	RC2 Failure of returning notes (GS201,GS202 Sensors detect no notes) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B2G200	RC2 Failure to move PP to stack position during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (B)4. Open the recycle cassette door (B)5. Check cassette status to move stage up and down

Problem Code	Problem Description	Troubleshooting
5B2G400	RC2 Failure to upword moving of PP during RC2 stack roller retreat movement during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (B)4. Open the recycle cassette door (B)5. Check cassette status to move stage up and down
5B2G500	RC2 Failure to stack roller retreat (GS213 Sensor no change) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B2G600	RC2 Stack Roller retreat position disorder during RC Separation during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B2G700	RC2 Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS207) no change) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B2G800	RC2 Failure to move PP to press position (GS208 Sensor Dark Fail) during Collect TSK notes	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(B).4. Check the stage status after open the recycle cassette(B).5. Check the upper side of the recycle cassette
5B2GA00	RC2 Solenoid Echo error during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (B) after removing recycle cassette4. Replace the cassette when same error occurs
5B2GB00	RC2 Feed Roller homeposition Sensor(GS207) Light detect fail during RC Stack during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B2GC00	RC2 Feed Roller homeposition Sensor(GS207) Dark detect fail during RC Stack during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B2GD00	RC2 GS201,GS202 Detect notes during move RC Feed Roller to homeposition during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B2GE00	RC2 GS208 detect dark before move RC Feed Roller to homeposition during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note.
5B2GF00	RC2 Notes Setting error during initialize (GS214, Bottom Sensor(GS212) both dark) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note.
5B2GG00	RC2 Stack Roller Sensor(GS213) detect light during RC FM Stack during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
5B2GH00	RC2 Stack Roller Sensor(GS213) detect dark during RC FM Stack during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B2GJ00	RC2 Stack Roller retreat fail (Motor Overrun) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B2GK00	RC2 Stack Roller retreat fail (Motor speed error) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B2GL00	RC2 Feed Roller homeposition fail (Motor speed error) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B2J200	RC2 No Residue during Collect TSK notes	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(B).4. Check the notes remain after open the recycle cassette door(B).5. Fill up the Notes if there are no notes
5B2J300	RC2 Full,Bottom no detect before move RC PP to stack position during Collect TSK notes	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(B).4. Check the stage status after open the recycle cassette(B).5. Check contamination of GS211/GS212 sensor.
5B2R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B2R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B2R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B2R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B2RF00	RC2 Feed Motor response timeout during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B2RP00	RC2 PP response timeout during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B2S200	RC2 Receive undefined command during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5B2S300	RC2 Task not for separation receive separation command during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B2SA00	RC2 Sub Task receive undefined command during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B2SR00	RC2 Sub Task for Wait Setting Error during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B30100	RC3 GS301 Light Jam during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B30200	RC3 GS302 Light Jam during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B30500	RC3 GS305 Light Jam during Collect TSK notes	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(C)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5B30Z00	RC3 All Light Jam during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5B31100	RC3 GS301 Dark Jam during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B31200	RC3 GS302 Dark Jam during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B31500	RC3 GS305 Dark Jam during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B31Z00	RC3 All Dark Jam during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5B32100	Error occurred by notes remained in RC3 GS301 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B32200	Error occurred by notes remained in RC3 GS302 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5B32500	Error occurred by notes remained in RC3 GS305 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B32Z00	Error occurred by notes remained in RC3 All during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5B33100	Sensor auto calibration error in RC3 GS301 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B33200	Sensor auto calibration error in RC3 GS302 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B33500	Sensor auto calibration error in RC3 GS305 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B33Z00	Sensor auto calibration error in RC3 All during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5B34100	Extern lights check error in RC3 GS301 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B34200	Extern lights check error in RC3 GS302 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B34500	Extern lights check error in RC3 GS305 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B34Z00	Extern lights check error in RC3 All during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5B35100	Path error on transport path in RC3 GS301 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B35200	Path error on transport path in RC3 GS302 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5B35500	Path error on transport path in RC3 GS305 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B35Z00	Path error on transport path in RC3 All during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5B36100	Path error on sensor except for transport path in RC3 GS301 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B36200	Path error on sensor except for transport path in RC3 GS302 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B36500	Path error on sensor except for transport path in RC3 GS305 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B36Z00	Path error on sensor except for transport path in RC3 All during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5B37100	Error occurred by the notes disorder in RC3 GS301 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B37200	Error occurred by the notes disorder in RC3 GS302 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B37500	Error occurred by the notes disorder in RC3 GS305 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B37Z00	Error occurred by the notes disorder in RC3 All during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5B3G100	RC3 Failure of returning notes (GS301,GS302 Sensors detect no notes) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B3G200	RC3 Failure to move PP to stack position during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (C)4. Open the recycle cassette door (C)5. Check cassette status to move stage up and down

Problem Code	Problem Description	Troubleshooting
5B3G400	RC3 Failure to upword moving of PP during RC3 stack roller retreat movement during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (C)4. Open the recycle cassette door (C)5. Check cassette status to move stage up and down
5B3G500	RC3 Failure to stack roller retreat (GS313 Sensor no change) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B3G600	RC3 Stack Roller retreat position disorder during RC Separation during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B3G700	RC3 RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS307) no change) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B3G800	RC3 Failure to move PP to press position (GS308 Sensor Dark Fail) during Collect TSK notes	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(C).4. Check the stage status after open the recycle cassette(C).5. Check the upper side of the recycle cassette
5B3GA00	RC3 RC Solenoid Echo error during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (C) after removing recycle cassette4. Replace the cassette when same error occurs
5B3GB00	RC3 Feed Roller homeposition Sensor(GS307) Light detect fail during RC Stack during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B3GC00	RC3 Feed Roller homeposition Sensor(GS307) Dark detect fail during RC Stack during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B3GD00	RC3 GS301,GS302 Detect notes during move RC Feed Roller to homeposition during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B3GE00	RC3 GS308 detect dark before move RC Feed Roller to homeposition during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note.
5B3GF00	RC3 Notes Setting error during initialize (GS314, Bottom Sensor(GS312) both dark) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note.
5B3GG00	RC3 Stack Roller Sensor(GS313) detect light during RC FM Stack during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
5B3GH00	RC3 Stack Roller Sensor(GS313) detect dark during RC FM Stack during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B3GJ00	RC3 RC Stack Roller retreat fail (Motor Overrun) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B3GK00	RC3 RC Stack Roller retreat fail (Motor speed error) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B3GL00	RC3 RC Feed Roller homeposition fail (Motor speed error) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B3J200	RC3 No Residue during Collect TSK notes	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(C).4. Check the notes remain after open the recycle cassette door(C).5. Fill up the Notes if there are no notes
5B3J300	RC3 Full,Bottom no detect before move RC PP to stack position during Collect TSK notes	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(C).4. Check the stage status after open the recycle cassette(C).5. Check contamination of GS311/GS312 sensor.
5B3L100	Remaining notes stack process error in RC3 GS301 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B3L200	Remaining notes stack process error in RC3 GS302 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B3L500	Remaining notes stack process error in RC3 GS305 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B3R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B3R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B3R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5B3R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B3RF00	RC3 Feed Motor response timeout during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B3RP00	RC3 PP response timeout during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B3S200	RC3 Receive undefined command during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B3S300	RC3 RC Task not for separation receive separation command during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B3SA00	RC3 RC Sub Task receive undefined command during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B3SR00	RC3 Sub Task for Wait Setting Error during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B40100	RC4 GS401 Light Jam during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B40200	RC4 GS402 Light Jam during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B40500	RC4 GS405 Light Jam during Collect TSK notes	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(D)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5B40Z00	RC4 All Sensor Light Jam during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5B41100	RC4 GS401 Dark Jam during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B41200	RC4 GS402 Dark Jam during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B41500	RC4 GS405 Dark Jam during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5B41Z00	RC4 All Sensor Dark Jam during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5B42100	Error occurred by notes remained in RC4 GS401 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B42200	Error occurred by notes remained in RC4 GS402 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B42500	Error occurred by notes remained in RC4 GS405 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B42Z00	Error occurred by notes remained in RC4 All during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5B43100	Sensor auto calibration error in RC4 GS401 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B43200	Sensor auto calibration error in RC4 GS402 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B43500	Sensor auto calibration error in RC4 GS405 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B43Z00	Sensor auto calibration error in RC4 All during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5B44100	Extern lights check error in RC4 GS401 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B44200	Extern lights check error in RC4 GS402 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B44500	Extern lights check error in RC4 GS405 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B44Z00	Extern lights check error in RC4 All during Collect TSK notes	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5B45100	Path error on transport path in RC4 GS401 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B45200	Path error on transport path in RC4 GS402 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B45500	Path error on transport path in RC4 GS405 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B45Z00	Path error on transport path in RC4 All during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5B46100	Path error on sensor except for transport path in RC4 GS401 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B46200	Path error on sensor except for transport path in RC4 GS402 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B46500	Path error on sensor except for transport path in RC4 GS405 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B46Z00	Path error on sensor except for transport path in RC4 All during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5B47100	Error occurred by the notes disorder in RC4 GS401 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B47200	Error occurred by the notes disorder in RC4 GS402 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B47500	Error occurred by the notes disorder in RC4 GS405 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B47Z00	Error occurred by the notes disorder in RC4 All during Collect TSK notes	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5B4G100	RC4 Failure of returning notes (GS401,GS402 Sensors detect no notes) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B4G200	RC4 Failure to move PP to stack position during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (D)4. Open the recycle cassette door (D)5. Check cassette status to move stage up and down
5B4G400	RC4 Failure to upward moving of PP during RC4 stack roller retreat movement during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (D)4. Open the recycle cassette door (D)5. Check cassette status to move stage up and down
5B4G500	RC4 Failure to stack roller retreat (GS413 Sensor no change) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B4G600	RC4 Stack Roller retreat position disorder during RC Separation during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B4G700	RC4 RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS407) no change) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B4G800	RC4 Failure to move PP to press position (GS408 Sensor Dark Fail) during Collect TSK notes	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(D).4. Check the stage status after open the recycle cassette(D).5. Check the upper side of the recycle cassette
5B4GA00	RC4 RC Solenoid Echo error during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (D) after removing recycle cassette4. Replace the cassette when same error occurs
5B4GB00	RC4 Feed Roller homeposition Sensor(GS407) Light detect fail during RC Stack during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B4GC00	RC4 Feed Roller homeposition Sensor(GS407) Dark detect fail during RC Stack during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B4GD00	RC4 GS401,GS402 Detect notes during move RC Feed Roller to homeposition during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B4GE00	RC4 GS408 detect dark before move RC Feed Roller to homeposition during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note.

Problem Code	Problem Description	Troubleshooting
5B4GF00	RC4 Notes Setting error during initialize (GS414, Bottom Sensor(GS412) both dark) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note.
5B4GG00	RC4 Stack Roller Sensor(GS413) detect light during RC FM Stack during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B4GH00	RC4 Stack Roller Sensor(GS413) detect dark during RC FM Stack during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B4GJ00	RC4 RC Stack Roller retreat fail (Motor Overrun) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B4GK00	RC4 RC Stack Roller retreat fail (Motor speed error) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B4GL00	RC4 RC Feed Roller homeposition fail (Motor speed error) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B4J200	RC4 No Residue during Collect TSK notes	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(D).4. Check the notes remain after open the recycle cassette door(D)5. Fill up the Notes if there are no notes
5B4J300	RC4 Full,Bottom no detect before move RC PP to stack position	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(D).4. Check the stage status after open the recycle cassette(D).5. Check contamination of GS411/GS412 sensor.
5B4L100	Remaining notes stack process error in RC4 GS401 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B4L200	Remaining notes stack process error in RC4 GS402 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B4L500	Remaining notes stack process error in RC4 GS405 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5B4R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B4R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B4R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B4R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B4RF00	RC4 Feed Motor response timeout during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B4RP00	RC4 PP response timeout during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B4S200	RC4 Receive undefined command during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B4S300	RC4 RC Task not for separation receive separation command during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B4SA00	RC4 RC Sub Task receive undefined command during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B4SR00	RC4 Sub Task for Wait Setting Error during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B50100	RC5 GS501 Light Jam during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B50200	RC5 GS502 Light Jam during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B50500	RC5 GS505 Light Jam during Collect TSK notes	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(E).4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5B50Z00	RC5 All Light Jam during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5B51100	RC5 GS501 Dark Jam during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5B51200	RC5 GS502 Dark Jam during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B51500	RC5 GS505 Dark Jam during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B51Z00	RC5 All Dark Jam during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5B52100	Error occurred by notes remained in RC5 GS501 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B52200	Error occurred by notes remained in RC5 GS502 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B52500	Error occurred by notes remained in RC5 GS505 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B52Z00	Error occurred by notes remained in RC5 All during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5B53100	Sensor auto calibration error in RC5 GS501 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B53200	Sensor auto calibration error in RC5 GS502 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B53500	Sensor auto calibration error in RC5 GS505 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B53Z00	Sensor auto calibration error in RC5 All during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5B54100	Extern lights check error in RC5 GS501 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5B54200	Extern lights check error in RC5 GS502 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B54500	Extern lights check error in RC5 GS505 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B54Z00	Extern lights check error in RC5 All during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5B55100	Path error on transport path in RC5 GS501 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B55200	Path error on transport path in RC5 GS502 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B55500	Path error on transport path in RC5 GS505 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B55Z00	Path error on transport path in RC5 All during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5B56100	Path error on sensor except for transport path in RC5 GS501 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B56200	Path error on sensor except for transport path in RC5 GS502 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B56500	Path error on sensor except for transport path in RC5 GS505 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B56Z00	Path error on sensor except for transport path in RC5 All during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5B57100	Error occurred by the notes disorder in RC5 GS501 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5B57200	Error occurred by the notes disorder in RC5 GS502 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B57500	Error occurred by the notes disorder in RC5 GS505 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B57Z00	Error occurred by the notes disorder in RC5 All during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5B5G100	RC5 Failure of returning notes (GS501,GS502 Sensors detect no notes) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B5G200	RC5 Failure to move PP to stack position during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (E)4. Open the recycle cassette door (E)5. Check cassette status to move stage up and down
5B5G400	RC5 Failure to upward moving of PP during RC5 stack roller retreat movement during Collect TSK notes	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(E). 4. Open the recycle cassette door(E).5. Check cassette status to move stage up and down.
5B5G500	RC5 Failure to stack roller retreat (GS513 Sensor no change) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B5G600	RC5 Stack Roller retreat position disorder during RC Separation during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B5G700	RC5 Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS507) no change) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B5G800	RC5 Failure to move PP to press position (GS508 Sensor Dark Fail) during Collect TSK notes	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(E).4. Check the stage status after open the recycle cassette(E).5. Check the upper side of the recycle cassette
5B5GA00	RC5 Solenoid Echo error during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (E) after removing recycle cassette4. Replace the cassette when same error occurs
5B5GB00	RC5 Feed Roller homeposition Sensor(GS507) Light detect fail during RC Stack during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
5B5GC00	RC5 Feed Roller homeposition Sensor(GS507) Dark detect fail during RC Stack during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B5GD00	RC5 GS501,GS502 Detect notes during move RC Feed Roller to homeposition during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B5GE00	RC5 GS508 detect dark before move RC Feed Roller to homeposition during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note.
5B5GF00	RC5 Notes Setting error during initialize (GS514, Bottom Sensor(GS512) both dark) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note.
5B5GG00	RC5 Stack Roller Sensor(GS513) detect light during RC FM Stack during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B5GH00	RC5 Stack Roller Sensor(GS513) detect dark during RC FM Stack during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B5GJ00	RC5 Stack Roller retreat fail (Motor Overrun) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B5GK00	RC5 Stack Roller retreat fail (Motor speed error) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B5GL00	RC5 Feed Roller homeposition fail (Motor speed error) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5B5J200	RC5 No Residue during Collect TSK notes	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(E).4. Check the notes remain after open the recycle cassette door(E).5. Fill up the Notes if there are no notes
5B5J300	RC5 Full,Bottom no detect before move RC PP to stack position during Collect TSK notes	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(E).4. Check the stage status after open the recycle cassette(E).5. Check contamination of GS511/GS512 sensor.

Problem Code	Problem Description	Troubleshooting
5B5L100	Remaining notes stack process error in RC5 GS501 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B5L200	Remaining notes stack process error in RC5 GS502 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B5L500	Remaining notes stack process error in RC5 GS505 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5B5R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B5R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B5R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B5R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B5RF00	RC5 Feed Motor response timeout during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B5RP00	RC5 PP response timeout during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B5S200	RC5 Receive undefined command during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B5S300	RC5 Task not for separation receive separation command during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B5SA00	RC5 Sub Task receive undefined command during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B5SR00	RC5 Sub Task for Wait Setting Error during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B61H00	GS618/619 Dark Jam error during Retract TSK.	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5B62100	CSM Residue Error during Collect TSK notes	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5B62300	CSM insert notes excess Error during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Check inserting notes into the CSM are over 300 counts at one time3. If BRM does not recovery open the outer/inner Shutter of CSM3.Remove notes and substance in the CSM(1)
5B62500	CSM notes disappear Error during Collect TSK notes	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5B62600	CSM notes appear Error during Collect TSK notes	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5B62Z00	CSM Residue Error during Collect TSK notes	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5B6G100	Fail to move CSM BP to Stack Position during Collect TSK notes	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
5B6G200	Fail to move CSM BP to Deposit Position during Collect TSK notes	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
5B6G300	Fail to move CSM BP to Separation Position during Collect TSK notes	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
5B6G500	Fail to move CSM BP to Note-Out Position during Collect TSK notes	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
5B6G600	Fail to move CSM P-Roller to Home position during Collect TSK notes	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
5B6G800	Fail to CSM return notes during Collect TSK notes	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
5B6G900	CSM GM601 Step out during Collect TSK notes	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
5B6GA00	Fail to move CSM BP to return note Position during Collect TSK notes	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly

Problem Code	Problem Description	Troubleshooting
5B6GB00	Fail to move CSM FP to Deposit Position during Collect TSK notes	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Press and release FP check the FP rotate smoothly5. Check GS652 status(Dark & Light)
5B6GF00	Fail to move CSM G-Roller to Homeposition during Collect TSK notes	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
5B6GG00	Fail to move both CSM P/G-Roller to Homeposition during Collect TSK notes	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
5B6M200	CSM Inner Shutter Open Error during Collect TSK notes	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
5B6M300	CSM Inner Shutter Close Error during Collect TSK notes	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
5B6M400	CSM Outer Shutter Open Error during Collect TSK notes	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
5B6M500	CSM Outer Shutter Close Error during Collect TSK notes	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
5B6M600	CSM Outer Shutter is Opened during Collect TSK notes	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
5B6M700	CSM Inner Shutter Open during Stack during Collect TSK notes	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
5B6M800	CSM Stopper Home position Fail during Collect TSK notes	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move PP Front5. Move Bill Stopper forward/backward and check GS668 sensor status6. Initialize
5B6M900	CSM Stopper Stack position Fail during Collect TSK notes	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move PP Front5. Move Bill Stopper forward/backward and check GS668 sensor status6. Initialize
5B6MB00	CSM Bill Supporter Up position Fail during Collect TSK notes	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Check the failure and breakage of Bill Lifter/Support5. Initialize

Problem Code	Problem Description	Troubleshooting
5B6MC00	CSM Bill Supporter Down position Fail during Collect TSK notes	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Check the failure and breakage of Bill Lifter/Support5. Initialize
5B6P100	CSM PP Withdrawal(Stack) position Fail during Collect TSK notes	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5B6P200	CSM PP Deposit position Fail during Collect TSK notes	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5B6P300	CSM PP Separation position Fail during Collect TSK notes	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5B6P400	CSM PP collect lost notes position Fail during Collect TSK notes	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5B6P500	CSM PP Note-out position Fail during Collect TSK notes	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5B6P600	CSM PP Note-arrange position Fail during Collect TSK notes	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5B6P800	CSM PP Control Stack Fail during Collect TSK notes	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5B6P900	CSM PP Return note position Fail during Collect TSK notes	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize

Problem Code	Problem Description	Troubleshooting
5B6PD00	CSM PP Check semi-note Fail during Collect TSK notes	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5B6PE00	CSM PP Bill SuCSM PPorter Up position Fail during Collect TSK notes	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5B6R100	CSM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B6R200	CSM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B6R300	CSM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B6R600	CSM response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B6RB00	CSM BP response timeout during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B6RF00	CSM Feed Motor response timeout during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B6RL00	CSM Lift response timeout during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B6RP00	CSM PP response timeout during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B6RR00	CSM Bill supporter response timeout during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B6RS00	CSM Inner Shutter response timeout during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B6RT00	CSM Stopper response timeout during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B6SA00	CSM Receive undefined command during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5B6SR00	CSM Sub Task for Wait Setting Error during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B70100	TSK GS701 Light Jam during Collect TSK notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5B70200	TSK GS702 Light Jam during Collect TSK notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5B70300	TSK GS703,4 Light Jam during Collect TSK notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5B70900	GS020 Light Jam error during Collect TSK notes!(TSK motor Step out)	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5B70Z00	TSK All Light Jam during Collect TSK notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5B71100	TSK GS701 Dark Jam during Collect TSK notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5B71200	TSK GS702 Dark Jam during Collect TSK notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5B71300	TSK GS703,4 Dark Jam during Collect TSK notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5B71Z00	TSK All Dark Jam during Collect TSK notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5B72100	Error occurred by notes remained in TSK GS701 during Collect TSK notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5B72200	Error occurred by notes remained in TSK GS702 during Collect TSK notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5B72300	Error occurred by notes remained in TSK GS703,4 during Collect TSK notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5B72Z00	Error occurred by notes remained in TSK All Sensor during Collect TSK notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5B77100	Error occurred by the notes disorder in TSK GS701 during Collect TSK notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)

Problem Code	Problem Description	Troubleshooting
5B77200	Error occurred by the notes disorder in TSK GS702 during Collect TSK notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5B77300	Error occurred by the notes disorder in TSK GS703,4 during Collect TSK notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5B77Z00	Error occurred by the notes disorder in TSK All during Collect TSK notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5B7B200	Note detected in TSK Entry After Separate Ready during Collect TSK notes	1. Open the upper unit2. Open the TSK(Temporary StackKer) (5)3. Remove notes and substance on the PATH(4)
5B7B300	TSK GM701 motor status change failed(Timeout exceeded) during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B7C100	TSK Miss-pickup during separation during Collect TSK notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) 4. If the same symptoms occur frequently, change the P-roller rubber
5B7C200	TSK Last note unclear during separation during Collect TSK notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) 4. Close the upper unit5. Initialize
5B7C300	TSK Last note No front detect during separataion during Collect TSK notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) 4. Close the upper unit5. Initialize
5B7C400	TSK Last note No rear detect during separataion during Collect TSK notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) 4. Close the upper unit5. Initialize
5B7C500	TSK Max Length NG occur 10 times Dark Jam during Collect TSK notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) 4. If the same symptoms occur frequently, change the TSK(5)
5B7C600	TSK Max length note stucked in entry Light Jam during Collect TSK notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5B7C700	TSK Light Jam Retry Over Error during Collect TSK notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5B7C800	TSK Max length note go out from TSK during motor stop and stucked in BM during Collect TSK notes	1. Open the upper unit2. Open the TSK(Temporary StackKer) (5)3. Remove notes and substance on the PATH(4)
5B7C900	TSK Low speed control 30 times over Error during Collect TSK notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) 4. If the same symptoms occur frequently, change the TSK(5)
5B7CA00	TSK Incounted note is not Outcounted for 500ms during Collect TSK notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)

Problem Code	Problem Description	Troubleshooting
5B7F100	TSK GM701 stepout during separation during Collect TSK notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5) 6. Rotate the knob of TSK(5) to find obstruction out
5B7F300	TSK GM701 F-Roller Homeposition fail during Collect TSK notes	1. Open the upper unit2. Open the TM(Test Module)3. Rotate the knob of TSK to check sensor(GS752) change 4. Rotate the knob of TSK(5) to find obstruction out
5B7G100	GM701 Return notes fail during Collect TSK notes	1. Open the upper unit2. Confirm to Rotate a knob of TSK(5) softly
5B7J100	TSK Full during Collect TSK notes	1. Open the upper unit2. Open the TSK(5)3. Check the notes remain in the TSK(5)4. Remove notes remain in the TSK
5B7J200	TSK Empty during ready separation during Collect TSK notes	1. Open the upper unit2. Check the notes remain in the TSK(5)3. Check the GS701/GS702/GS706/GS707 Sensor4. Remove notes remain in the TSK
5B7L100	Remaining notes stack process error in TSK GS701 during Collect TSK notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5B7L200	Remaining notes stack process error in TSK GS702 during Collect TSK notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5B7L300	Remaining notes stack process error in TSK GS703,4 during Collect TSK notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5B7LZ00	Remaining notes stack process error in TSK All during Collect TSK notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5B7M100	TSK Stopper Home position for intialize fail during Collect TSK notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if stopper was obstructed
5B7M200	TSK Stopper Stack position for intialize fail during Collect TSK notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if stopper was obstructed
5B7M300	TSK Stopper Return note position for intialize fail during Collect TSK notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if stopper was obstructed
5B7M400	TSK Stopper Lock FP Fail during Collect TSK notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if FP(Front Plate) was obstructed
5B7M500	TSK Stopper Unlock FP Fail during Collect TSK notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if FP(Front Plate) was obstructed
5B7P100	FP Sensor detect Dark Fail during Collect TSK notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if PP(Push Plate) was obstructed to rotate PP knob4. Check if FP(Front Plate) was obstructed to rotate
5B7P200	FP Sensor detect Light Fail during Collect TSK notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if PP(Push Plate) was obstructed to rotate PP knob4. Check if FP(Front Plate) was obstructed to rotate
5B7P300	PP Press position fail during Collect TSK notes	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if PP(Push Plate) was obstructed to rotate PP knob

Problem Code	Problem Description	Troubleshooting
5B7Q700	TSK Door Open during operation in Collect TSK notes	1. Close the door of TSK(5)
5B7R100	TSK response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B7R200	TSK response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B7R300	TSK response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B7R600	TSK response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B7RF00	TSK Feed Motor response timeout in Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B7RP00	TSK PP response timeout in Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B7RT00	TSK Stopper response timeout in Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B7S200	TSK Receive undefined command in Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B7SR00	TSK Sub Task for Wait Setting Error in Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B8HA01	GS801A Sensor Error during Collect TSK notes	1. Check GS801A2. Operate to initialize BRM(Recovery)
5B8HA02	GS801B Sensor Error during Collect TSK notes	1. Check GS801B2. Operate to initialize BRM(Recovery)
5B8HA03	GS801A, GS801B Sensor Error during Collect TSK notes	1. Check GS801A, GS801B2. Operate to initialize BRM(Recovery)
5B8HA04	GS802A Sensor Error during Collect TSK notes	1. Check GS802A2. Operate to initialize BRM(Recovery)
5B8HA05	GS801A, GS802A Sensor Error during Collect TSK notes	1. Check GS801A, GS802A2. Operate to initialize BRM(Recovery)
5B8HA06	GS801B, GS802A Sensor Error during Collect TSK notes	1. Check GS801B, GS802A2. Operate to initialize BRM(Recovery)
5B8HA07	GS801A, GS801B, GS802A Sensor Error during Collect TSK notes	1. Check GS801A, GS801B, GS802A2. Operate to initialize BRM(Recovery)
5B8HA08	GS802B Sensor Error during Collect TSK notes	1. Check GS802B2. Operate to initialize BRM(Recovery)
5B8HA09	GS801A, GS802B Sensor Error during Collect TSK notes	1. Check GS801A, GS802B2. Operate to initialize BRM(Recovery)
5B8HA10	GS801B, GS802B Sensor Error during Collect TSK notes	1. Check GS801B, GS802B2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5B8HA11	GS801A, GS801B, GS802B Sensor Error during Collect TSK notes	1. Check GS801A, GS801B, GS802B2. Operate to initialize BRM(Recovery)
5B8HA12	GS802A, GS802B Sensor Error during Collect TSK notes	1. Check GS802A, GS802B2. Operate to initialize BRM(Recovery)
5B8HA13	GS801A, GS802A, GS802B Sensor Error during Collect TSK notes	1. Check GS801A, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5B8HA14	GS801B, GS802A, GS802B Sensor Error during Collect TSK notes	1. Check GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5B8HA15	GS801A, GS801B, GS802A, GS802B Sensor Error during Collect TSK notes	1. Check GS801A, GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5B8HB01	MR Sensor Level Error during Collect TSK notes	1. Check MR Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5B8HC02	UV_01 Sensor Level Error during Collect TSK notes	1. Check UV Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5B8HF03	CIS Shading data loading Fail during Collect TSK notes	1. Operate shading in the BC CIS2. Operate to initialize BRM(Recovery)
5B8HF04	Detection DB Table loading Fail during Collect TSK notes	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5B8HF05	BC FPGA Data checksum Fail during Collect TSK notes	1. Check to BC FPGA File2. Operate to initialize BRM(Recovery)
5B8HF06	BC FPGA Configuration Fail during Collect TSK notes	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5B8HF07	BC FPGA Header Information Loading Fail during Collect TSK notes	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5B8HF08	BC FPGA Initialize Fail during Collect TSK notes	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5B8HF09	BC FPGA VERSION Fail during Collect TSK notes	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5B8HF11	Detection DB #01 loading Fail during Collect TSK notes	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5B8HF12	Detection DB #02 loading Fail during Collect TSK notes	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5B8HF13	Detection DB #03 loading Fail during Collect TSK notes	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5B8HF14	Detection DB #04 loading Fail during Collect TSK notes	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5B8HF15	Detection DB #05 loading Fail during Collect TSK notes	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5B8HF16	Detection DB #06 loading Fail during Collect TSK notes	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5B8HF17	Detection DB #07 loading Fail during Collect TSK notes	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5B8HF18	Detection DB #08 loading Fail during Collect TSK notes	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5B8HF19	Detection DB #09 loading Fail during Collect TSK notes	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5B8HF20	Detection DB #10 loading Fail during Collect TSK notes	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5B8HG01	Mode Set Error When Receive BC MODE Command (Mode Value is not 1 or 2 ) during Collect TSK notes	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5B8HG02	Detection Level Set Error When Receive BC MODE Command (Detection Level Value is 0 ) during Collect TSK notes	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5B8HG03	BC Transaction Ready Fail When Receive BC READY Command during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5B8HG04	Mode Set Error When Receive BC READY Command (Mode Value is not 1 or 2 ) during Collect TSK notes	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5B8HG05	Detection Level Set Error When Receive BC READY Command (Detection Level Value is 0 ) during Collect TSK notes	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5B8HG06	BC Entry Direction Set Error When Receive BC READY Command (Not Deposit-Withdrawal/Stack Direction ) during Collect TSK notes	1. Check BC putting direction.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5B8HG07	Receive BC Unknown Command during Collect TSK notes	1. Check BC reception full command.1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization.
5B8HG08	The Number of Nations Set Error When Receive BC DATA WRITE Command (Over 0, 10) during Collect TSK notes	1. Check the number of supported country.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5B8HG09	Nation Code Set Error When Receive BC DATA WRITE Command during Collect TSK notes	1. Check the supported country code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5B8HG10	Detection DB of the Nation is not exist When Receive BC DATA WRITE Command during Collect TSK notes	1. Check the BC recognition DB of country.2. Download DB again after deleting all recognition DB3. Operate to initialize BRM(Recovery)4. Reboot the system when same error occurred after initialization.
5B8HG11	No Nation Code When Receive BC READY Command during Collect TSK notes	1. Check the country setting value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5B8HG12	BC Version Value Set Error When Receive BC DATA WRITE Command (Not BC FPGA) during Collect TSK notes	1. Check the BC specifications devision and BC FPGA specifications.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initializatio
5B8HG20	Fail to Initialize CIS When Receive BC READY Command during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Check CIS part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.

Problem Code	Problem Description	Troubleshooting
5B8HG21	Fail to ENCODER POWER ON When Receive BC READY Command during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5B8HG22	Fail to adjust DD Sensor DAC When Receive BC READY Command during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Check whether the sensor is contaminated or not if same error occurs after Initialize3. Reboot the system when same error occurs even though there is no substance.
5B8HG23	DD Sensor DAC Set Error When Receive BC READY Command during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Check DD sensor part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5B8HG24	ENCODER Mode Set Error When Receive BC READY Command during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance
5B8HG30	Counterfeit Note List CRC Error When Receive BC SERIAL NO Command during Collect TSK notes	1. Check the forged notes list CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5B8HG31	Not Receive The Number of Counterfeit Note Lists and CRC When Receive BC SERIAL NO Command during Collect TSK notes	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5B8HG32	Over The Number of Counterfeit Note Lists When Receive BC SERIAL NO Command (Over 200) during Collect TSK notes	1. Check the whole number of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5B8HG33	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Nation Code 0) during Collect TSK notes	1. Check the country code of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5B8HG34	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Length Over 2~29) during Collect TSK notes	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5B8HG36	Note Number Detection Mode Set Error When Receive BC MODE Command (Mode Value is Not 0, 1, 2) during Collect TSK notes	1. Check to the recognized mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5B8HG37	Transaction Classification Set Error When Receive BC MODE Command (Classification Value is Not 0, 1, 2) during Collect TSK notes	1. Check to the transaction setting.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5B8HG38	Counterfeit Note List Search Classification Set Error When Receive BC SERIAL NO Command 위조지폐 목록 검색 구분 설정 오류 (Classification Value is Not 1, 2, 3 ) during Collect TSK notes	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5B8HG39	Counterfeit Note List Note Number Set Error When Receive BC SERIAL NO Command (Use '*' When Search Note Number Part) during Collect TSK notes	1. Check the forged notes list's note numbers.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5B8HG3A	BC MODE SET Bill Management Level Set Error (Over 1~5) during Collect TSK notes	1. Check check management mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.

Problem Code	Problem Description	Troubleshooting
5B8HG3B	Over The Number of BC MODE SET Back Codes (Over 15) during Collect TSK notes	1. Check the number of check issued by our bank code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5B8HG40	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use End Number at First When Search Note Number Part) during Collect TSK notes	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5B8HG41	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use Start Number at Last When Search Note Number Part) during Collect TSK notes	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5B8HG42	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Wrong Start/End Number Order When Search Note Number Part) during Collect TSK notes	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5B8HG43	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Use Wrong Length Value When Search Note Number Part) during Collect TSK notes	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5B8HG44	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Use Wrong Nation Code When Search Note Number Part) during Collect TSK notes	1. Check the forged notes list's country-code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5B8HG45	Not Receive The Number of Bill Number Tables and CRC When Receive Check No Write Command during Collect TSK notes	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5B8HG46	Bill Number Error When Receive Check No Write Command during Collect TSK notes	1. Check the check number when registering check number.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5B8HG47	Bill Number Table Length Set Error When Receive Check No Write Command (Length Over 0~50) during Collect TSK notes	1. Check check number table's length.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5B8HG48	Bill Number Table CRC Error When Receive Check No Write Command during Collect TSK notes	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5B8HG49	Over The Number of Bill Number Tables When Receive Check No Write Command (Over 5) during Collect TSK notes	1. Check check total number of tables.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5B8HH01	Fail to Delete NAND FLASH during Collect TSK notes	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5B8HH02	NAND FLASH Delete BLOCK Set Error When Download Detection DB during Collect TSK notes	1. Download DB again after checking recognition DB's delete index.2. Operate to initialize BRM(Recovery)
5B8HH03	Fail to Download Detection DB during Collect TSK notes	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5B8HH04	NAND FLASH Download BLOCK Set Error When Download Detection DB during Collect TSK notes	1. Download DB again after checking recognition DB's index.2. Operate to initialize BRM(Recovery)
5B8HH05	Detection DB Download File Check Error during Collect TSK notes	1. Download DB again after checking recognition DB file.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5B8HH06	Detection DB Download File Size Error during Collect TSK notes	1. Download DB again after checking recognition DB download file.2. Operate to initialize BRM(Recovery)
5B8HH07	DB Table Save Error After Download Detection DB during Collect TSK notes	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5B8HH08	Over Detection DB Download (Over 10) during Collect TSK notes	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5B8HH09	Detection DB Header Information Error during Collect TSK notes	1. Download DB again after deleting recognition DB.2. Operate to initialize BRM(Recovery)
5B8HH10	EP Download Fail during Collect TSK notes	1. Re-download BC EP.2. Change the BC B/D if continuous error.
5B8HH11	EP Download Check Error during Collect TSK notes	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5B8HH12	EP Download File Size Error during Collect TSK notes	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5B8HH13	EP Download File ID Error (Not EPAP/EPBT/EPFP) during Collect TSK notes	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5B8HH14	BC FPGA Download Fail during Collect TSK notes	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
5B8HH15	Header Information Save Error After BC FPGA Download during Collect TSK notes	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
5B8HH16	Not Provide BC FPGA Download during Collect TSK notes	1. Check BC FPGA VERSION.2. Change the BC B/D if continuous error.
5B8HH17	EEPROM READ/WRITE Error during Collect TSK notes	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
5B8HH18	Receive Unit Serial Number Undefined Option during Collect TSK notes	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
5B8HH19	Receive USB Undefined Command during Collect TSK notes	1. Check USB Command from BC and retry the operation.2. Check BC version and Update EP3. Change the BC B/D if continuous error.
5B8HH20	No BC Process Note When Receive Image Upload Command during Collect TSK notes	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5B8HH21	FC1 Set Error When Receive Image Upload Command during Collect TSK notes	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5B8HH22	BC is Processing Note When Receive Image Upload Command during Collect TSK notes	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5B8HH23	FC2 Set Error When Receive Image Upload Command during Collect TSK notes	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5B8HH24	Not Provide Total Image Upload Function during Collect TSK notes	1. Check if SP or TM is out of date.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.

Problem Code	Problem Description	Troubleshooting
5B8HH25	Not Provide Note Number Detection Image Upload Function during Collect TSK notes	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5B8HH26	FC2 Set Error When Receive Image Information Upload Command during Collect TSK notes	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5B8HH27	BRM Transaction Mode is Not Same with Image Upload Command Mode during Collect TSK notes	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5B8HH28	BRM Transaction Mode is Not Same with Replenishment/Collect Cash Image Upload Command Mode during Collect TSK notes	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5B8HH29	No BC Process Note When Receive Replenishment/Collect Cash Image Upload Command during Collect TSK notes	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5B8HH2A	FC1 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Collect TSK notes	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5B8HH2B	BC is Processing Note When Receive Replenishment/Collect Cash Image Upload Command during Collect TSK notes	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5B8HH2C	FC2 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Collect TSK notes	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5B8HH2D	Not Provide Replenishment/Collect Cash Image Upload Function during Collect TSK notes	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5B8HH2E	Note Image Upload Index is Not Same When Receive Replenishment/Collect Cash Image Upload Command during Collect TSK notes	1. Get BC log and image.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5B8HI01	RecogTask Messeage Timeout Error during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5B8HI02	ScanTask Messeage Timeout Error during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5B8HI03	UartTask Messeage Timeout Error during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5B8HI04	BcUsbTask Messeage Timeout Error during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5B8HJ01	Algorithm Initialize Fail during Collect TSK notes	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5B8HJ02	Algorithm Ready Fail during Collect TSK notes	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5B8HJ03	Algorithm Information Set Error during Collect TSK notes	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5B8HK01	Table CRC Error When Set Poly-Note Withdrawal Information during Collect TSK notes	1. Retry the operation
5B8HK02	CST Note Information Set Number Error When Set Poly-Note Withdrawal Information (n is 0 or over 256) during Collect TSK notes	1. Check the number of CST Setting notes info
5B8HK03	Withdrawal Note Number Set Error When Set Poly-Note Withdrawal Information ( n is 0 or over 3000) during Collect TSK notes	1. Check Withdrawal notes setting
5B8HK04	Note Information (Not CST Set Note) is Set in Withdrawal Note Information When Set Poly-Note Withdrawal Information during Collect TSK notes	1. Check Withdrawal notes info
5B8HS01	FPGA Write Data Error When Initialize Scan Driver during Collect TSK notes	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5B8HS02	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver during Collect TSK notes	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5B8HS03	Fail to Set CIS Led On Value When Initialize Scan Driver during Collect TSK notes	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5B8HS04	Fail to Set Source of Scan Light When Initialize Scan Driver during Collect TSK notes	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5B8HS05	Not Process Shading When Initialize Scan Driver during Collect TSK notes	1. Perform CiS Shading.2. Operate to initialize BRM(Recovery)
5B8HS08	Fail to Set DAC When Initialize Scan Driver during Collect TSK notes	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5B8HS11	FPGA Write Data Error When BC Ready during Collect TSK notes	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5B8HS12	Fail to Power On When BC Ready Sensor(MR/UV/DD/Encoder/Entry Sensor) during Collect TSK notes	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5B8HS13	Fail to Set CIS Led On Value When BC Ready during Collect TSK notes	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5B8HS14	Fail to Set Source of Scan Ligh When BC Ready during Collect TSK notes	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5B8HS15	Not Process Shading When BC Ready during Collect TSK notes	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5B8HS17	Fail to Set AFE Chip When BC Ready during Collect TSK notes	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5B8HS18	Fail to Set DAC When BC Ready during Collect TSK notes	1. Retry the operation.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5B8HS19	MR/UV/DD Sampling Start Error When BC Ready during Collect TSK notes	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5B8HS1A	Fail to Set 2-Notes DAC When BC Ready during Collect TSK notes	1. Check whether double notes sensor is contaminate or not.2. Check whether double notes sensor is connected.3. Retry the operation.4. Change the BC if continuous error.
5B8HS1B	2-Notes to 1-Note Adjust Information Error When BC Ready during Collect TSK notes	1. Perform calibration info about double notes or one note.2. Operate to initialize BRM(Recovery)
5B8HS22	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver When Stop BC during Collect TSK notes	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5B8HS28	Fail to Set DAC When Stop BC during Collect TSK notes	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5B8HS29	MR/UV/DD Sampling Stop Error When Stop BC during Collect TSK notes	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5B8HS31	BC Ready Fail When Process CIS Shading – Use in Plant during Collect TSK notes	1. Perform calibration info about double notes or one note and double notes DAC2. Retry the operation
5B8HS32	Dark Adjust Fail When Process CIS Shading – Use in Plant during Collect TSK notes	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Change CIS and Cable5. Change BC
5B8HS33	Over Target Gap When Process CIS Shading Shading – Use in Plant during Collect TSK notes	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
5B8HS34	Fail to Write Result Value Flash When Process CIS Shading – Use in Plant during Collect TSK notes	1. Retry the operation2. Change BC
5B8HS35	BC Stop Fail When Process CIS Shading – Use in Plant during Collect TSK notes	1. Retry the operation2. Change BC
5B8HS36	Over 10Pixel-Excess-Image When Process CIS Shading during Collect TSK notes	1. Retry the operation2. Check CIS note quility and setting status3. Check CIS Connection Status4. Change BC
5B8HS37	Dark Shading Result Value is Standard Over When Process CIS Shading during Collect TSK notes	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Retry the operation5. Change BC
5B8HS38	Max Ontime Ove When Process CIS Shadingr – Use in Plant during Collect TSK notes	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
5B8HS39	Fail to Set Source of Shading Light When Process CIS Shading – Use in Plant during Collect TSK notes	1. Retry the operation2. Change BC
5B8HS41	Fail to Adjust 2-Notes DAC (Less Than MIN) – Use in Plant during Collect TSK notes	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the opertion4. Change BC
5B8HS42	Fail to Adjust 2-Notes DAC (Over MAX) – Use in Plant during Collect TSK notes	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the opertion4. Change BC
5B8HS43	2-Notes Adjust Flash Write Fail – Use in Plant during Collect TSK notes	1. Retry the operation2. Change BC
5B8R100	BC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5B8R200	BC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B8R300	BC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B8R600	BC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B8S100	BCU response MI error during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B8S200	BCU response BCC error during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B8S300	BCU response Sub MI error during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B8S400	BCU response Parameter error during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5B8S900	BCU response Timeout Error during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5BA2100	Error occurred by notes remained in GS801 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5BA2200	Error occurred by notes remained in GS002 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5BA2300	Error occurred by notes remained in GS003 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5BA2400	Error occurred by notes remained in GS004 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5BA2500	Error occurred by notes remained in GS005 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5BA2600	Error occurred by notes remained in GS006 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5BA2700	Error occurred by notes remained in GS014 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5BA2800	Error occurred by notes remained in GS018 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5BA2900	Error occurred by notes remained in GS020 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5BA2A00	Error occurred by notes remained in GS021 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5BA2C00	Error occurred by the notes remained in the BCU(CIS Sensor or DD Sensor) during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5BA2E00	Error occurred by notes remained in GS001 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5BA2H00	Error occurred by notes remained in GS618 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5BA2J00	Error occurred by notes remained in GS619 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5BA2K00	Error occurred by notes remained in GS701,702 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5BA2M00	Error occurred by notes remained in GSA01 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5BA2N00	Error occurred by notes remained in GSA02 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5BA2P00	Error occurred by notes remained in GSA03 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5BA2Q00	Error occurred by notes remained in GSD01 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5BA2W00	Error occurred by notes remained in GS802 during Collect TSK notes	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5BAA100	UTC open Error before operation Collect TSK notes	1. Open the upper unit. 2. Check the UTC removal and reinstallation
5BAA200	TSK open Error before operation Collect TSK notes	1. Open the upper unit. 2. Check the TSK open and close
5BAA300	BMU Inter Lock Error before operation Collect TSK notes	1. Check BMU open and close
5BAA400	BMU open Error before operation Collect TSK notes	1. Check BMU open and close
5BAA500	Replenishment CST open Error before operation Collect TSK notes	1. Check the Transit CST installation
5BAA600	CSM open Error before operation Collect TSK notes	1. Open the upper unit. 2. Check CSM Open/Close
5BAA800	BMD Inter Lock Error before operation Collect TSK notes	1. Open the lower unit. 2. Check the BMD open and close
5BAA900	BMD open Error before operation Collect TSK notes	1. Open the lower unit. 2. Check the BMD open and close
5BAAA00	BC Open Error before operation Collect TSK notes	1. Open the upper unit. 2. Check BC Open/Close
5BAAB00	RC Full Error before operation Collect TSK notes	1. Open the lower unit. 2. Check RC Full and remove notes
5BAAC00	RJC Full Error before operation Collect TSK notes	1. Open the upper unit. 2. Check RJC Full and remove notes
5BAAD00	UTC Full Error before operation Collect TSK notes	1. Open the upper unit. 2. Remove UTC and open the UTC Door3. Remove notes and reinstallation UTC

Problem Code	Problem Description	Troubleshooting
5BAAE00	RTC Full Error before operation Collect TSK notes	1. Open the lower unit. 2. Remove RT/RJC and open the Door3. Remove notes and reinstall RT/RJC
5BAAF00	RC Empty Error before operation Collect TSK notes	1. Open the lower unit. 2. Remove RC and open the RC Door, Check the Empty Status3. Reinstall the RC
5BAAG00	RC is not in use before operation Collect TSK notes	1. Open the lower unit. 2. Check the RC removal and reinstall
5BAAH00	Lost note RC open Error before operation Collect TSK notes	1. Open the lower unit. 2. Check the RC removal and reinstall
5BAAJ00	Collect TSK notes is not supported in the setting Test Mode	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5BAAK00	Status of RTRJC loading in the Test Mode before the operation during Collect TSK notes.	1. Open the lower unit2. Open MID Transport(7)3. Check RT/RJC(8) installation condition
5BAAM00	Status of DPC loading in the Test Mode before the operation during Collect TSK notes.	1. Open the lower unit2. Open MID Transport(7)3. Check DPC(A) installation condition
5BAAN00	Status of RJC loading in the Test Mode before the operation during Collect TSK notes.	1. Open the lower unit2. Open MID Transport(7)3. Check RJC(8) installation condition
5BAE100	Received operation command without Initial Info Set during Collect TSK notes	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5BAE200	Status on not operation reception command during Collect TSK notes	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5BAE300	Received operation command without System Info Read during Collect TSK notes	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5BAE400	Transaction was executed without Initializing after power on during Collect TSK notes	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5BAEE00	RBU RS485 communication sequence disorder during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5BAEF00	RBU RS485 connection line disorder during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5BAEL00	RBU communication was not ready after power on during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5BAH600	Failure to check clearing NVRAM during Collect TSK notes	1. Operate to initialize BRM(Recovery)
5BAHF00	Transaction count exists but GS801A sensor no change during Collect TSK notes	1. Check GS801A2. Operate to initialize BRM(Recovery)
5BAHG00	Transaction count exists but GS801B sensor no change during Collect TSK notes	1. Check GS801B2. Operate to initialize BRM(Recovery)
5BAHH00	Transaction count exists but GS802A sensor no change during Collect TSK notes	1. Check GS802A2. Operate to initialize BRM(Recovery)
5BAHJ00	Transaction count exists but GS802B sensor no change during Collect TSK notes	1. Check GS802B2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5BAN100	RC1 stack counts is different with BC pass info of normal count in the Collect TSK notes	1. Operate to initialize BRM(Recovery)
5BAN200	RC2 stack counts is different with BC pass info of normal count in the Collect TSK notes	1. Operate to initialize BRM(Recovery)
5BAN300	RC3stack counts is different with BC pass info of normal count in the Collect TSK notes	1. Operate to initialize BRM(Recovery)
5BAN400	RC4 stack counts is different with BC pass info of normal count in the Collect TSK notes	1. Operate to initialize BRM(Recovery)
5BAN500	RC5 stack counts is different with BC pass info of normal count in the Collect TSK notes	1. Operate to initialize BRM(Recovery)
5BANE00	RC6 stack counts is different with BC pass info of normal count in the Collect TSK notes	1. Operate to initialize BRM(Recovery)
5BANF00	RC7 stack counts is different with BC pass info of normal count in the Collect TSK notes	1. Operate to initialize BRM(Recovery)
5BAR100	Message timeout error during operation ready during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5BAR200	Message timeout error during transation operation during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5BAR300	Message timeout error during error postprocessing during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5BAR800	RBU/BC sensor auto dimming response message timeout error during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5BARC00	BC response message timeout error during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5BARJ00	Message timeout error during Stop Ready during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5BASG00	Stack CST Set Error(Stack CST is set to Transit CST on a device that does not support the front Transit or in a status of Transit CST removal) during Collect TSK Notes.	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5BASH00	Reject CST Set Error during Collect TSK Notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5BASJ00	Stack CST Set Error during Collect TSK Notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5BBH100	RC1 EEPROM Read Error during Collect TSK notes	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization

Problem Code	Problem Description	Troubleshooting
5BBH200	RC2 EEPROM Read Error during Collect TSK notes	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5BBH300	RC3 EEPROM Read Error during Collect TSK notes	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5BBH400	RC4 EEPROM Read Error during Collect TSK notes	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5BBH500	RC5 EEPROM Read Error during Collect TSK notes	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5BBH600	RC6 EEPROM Read Error during Collect TSK notes	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5BBH700	RC1 EEPROM Write Error during Collect TSK notes	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5BBH800	RC2 EEPROM Write Error during Collect TSK notes	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5BBH900	RC3 EEPROM Write Error during Collect TSK notes	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5BBHA00	RC4 EEPROM Write Error during Collect TSK notes	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5BBHB00	RC5 EEPROM Write Error during Collect TSK notes	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5BBHC00	RC6 EEPROM Write Error during Collect TSK notes	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5BBHD00	RC1 EEPROM Verify Error during Collect TSK notes	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5BBHE00	RC2 EEPROM Verify Error during Collect TSK notes	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5BBHF00	RC3 EEPROM Verify Error during Collect TSK notes	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5BBHG00	RC4 EEPROM Verify Error during Collect TSK notes	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5BBHH00	RC5 EEPROM Verify Error during Collect TSK notes	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5BBHJ00	RC6 EEPROM Verify Error during Collect TSK notes	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5BBHK00	BMD Open Error During EEPROM Read/Write during Collect TSK notes	1. Check the lower Unit load/removal

Problem Code	Problem Description	Troubleshooting
5BBHU00	BMD EEPROM Read Error during Collect TSK notes	1. Replace RBU B/D
5BBHV00	BMD EEPROM Write Error during Collect TSK notes	1. Replace RBU B/D
5BBHW00	BMD EEPROM Verify Error during Collect TSK notes	1. Replace RBU B/D
5BBHX00	RC7 EEPROM Read Error during Collect TSK notes	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5BBHY00	RC7 EEPROM Write Error during Collect TSK notes	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5BBHZ00	RC7 EEPROM Verify Error during Collect TSK notes	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5BBR000	RBU Response Timeout during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5BBR700	RBU Response Message Timeout during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5BBS100	RBU RS-232 Seq Num Echo Error during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5BBS200	RBU RS-232 MI Echo Error during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5BBSS00	RBU Auto Calibration Command Parameter Error during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5BC0100	RC6 GSC01 Light Jam during Collect TSK notes	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5BC0200	RC6 GSC02 Light Jam during Collect TSK notes	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5BC0500	RC6 GSC05 Light Jam during Collect TSK notes	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(8)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5BC0Z00	RC6 All Light Jam during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5BC1100	RC6 GSC01 Dark Jam during Collect TSK notes	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5BC1200	RC6 GSC02 Dark Jam during Collect TSK notes	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5BC1500	RC6 GSC05 Dark Jam during Collect TSK notes	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5BC1Z00	RC6 All Dark Jam during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5BC2100	Error occurred by notes remained in RC6 GSC01 during Collect TSK notes	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5BC2200	Error occurred by notes remained in RC6 GSC02 during Collect TSK notes	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5BC2500	Error occurred by notes remained in RC6 GSC05 during Collect TSK notes	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5BC2Z00	Error occurred by notes remained in RC6 All during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5BC3100	Sensor auto calibration error in RC6 GSC01 during Collect TSK notes	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5BC3200	Sensor auto calibration error in RC6 GSC02 during Collect TSK notes	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5BC3500	Sensor auto calibration error in RC6 GSC05 during Collect TSK notes	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5BC3Z00	Sensor auto calibration error in RC6 All during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5BC4100	Extern lights check error in RC6 GSC01 during Collect TSK notes	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5BC4200	Extern lights check error in RC6 GSC02 during Collect TSK notes	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5BC4500	Extern lights check error in RC6 GSC05 during Collect TSK notes	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5BC4Z00	Extern lights check error in RC6 All during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5BC5100	Path error on transport path in RC6 GSC01 during Collect TSK notes	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5BC5200	Path error on transport path in RC6 GSC02 during Collect TSK notes	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5BC5500	Path error on transport path in RC6 GSC05 during Collect TSK notes	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5BC5Z00	Path error on transport path in RC6 All during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5BC6100	Path error on sensor except for transport path in RC6 GSC01 during Collect TSK notes	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5BC6200	Path error on sensor except for transport path in RC6 GSC02 during Collect TSK notes	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5BC6500	Path error on sensor except for transport path in RC6 GSC05 during Collect TSK notes	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5BC6Z00	Path error on sensor except for transport path in RC6 All during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5BC7100	Error occurred by the notes disorder in RC6 GSC01 during Collect TSK notes	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5BC7200	Error occurred by the notes disorder in RC6 GSC02 during Collect TSK notes	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5BC7500	Error occurred by the notes disorder in RC6 GSC05 during Collect TSK notes	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5BC7Z00	Error occurred by the notes disorder in RC6 All during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5BCG100	RC6 Failure of returning notes (GSC01,GSC02 Sensors detect no notes) during Collect TSK notes	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5BCG200	RC6 Failure to move PP to stack position during Collect TSK notes	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(8). 4. Open the recycle cassette door(8).5. Check cassette status to move stage up and down.
5BCG400	RC6 Failure to upword moving of PP during RC6 stack roller retreat movement during Collect TSK notes	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(8). 4. Open the recycle cassette door(8).5. Check cassette status to move stage up and down.
5BCG500	RC6 Failure to stack roller retreat (GSC13 Sensor no change) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5BCG600	RC6 Stack Roller retreat position disorder during RC Separation during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5BCG700	RC6 RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GSC07) no change) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5BCG800	RC6 Failure to move PP to press position (GSC08 Sensor Dark Fail) during Collect TSK notes	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(8).4. Check the stage status after open the recycle cassette(8).5. Check the upper side of the recycle cassette
5BCGA00	RC6 RC Solenoid Echo error during Collect TSK notes	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8) and reload.4. Replace the cassette when same error occurs.
5BCGB00	RC6 Feed Roller homeposition Sensor(GSC07) Light detect fail during RC Stack during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
5BCGC00	RC6 Feed Roller homeposition Sensor(GSC07) Dark detect fail during RC Stack during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5BCGD00	RC6 GSC01,GSC02 Detect notes during move RC Feed Roller to homeposition during Collect TSK notes	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5BCGE00	RC6 GSC08 detect dark before move RC Feed Roller to homeposition during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
5BCGF00	RC6 Notes Setting error during initialize (GSC14, Bottom Sensor(GSC12) both dark) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
5BCGG00	RC6 Stack Roller Sensor(GSC13) detect light during RC FM Stack during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5BCGH00	RC6 Stack Roller Sensor(GSC13) detect dark during RC FM Stack during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5BCGJ00	RC6 RC Stack Roller retreat fail (Motor Overrun) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5BCGK00	RC6 RC Stack Roller retreat fail (Motor speed error) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5BCGL00	RC6 RC Feed Roller homeposition fail (Motor speed error) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5BCGQ00	RJC Press and Stack position fail during Collect TSK notes	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
5BCGR00	RJC Stack position fail during Collect TSK notes	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
5BCGS00	RC6 RJC Press position fail during Collect TSK notes	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette

Problem Code	Problem Description	Troubleshooting
5BCGT00	RC6 GSC51 fail to detect dark when PP moves down during RJC PP Stack during Collect TSK notes	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
5BCGU00	RC6 GSC51 fail to detect light when PP moves down during RJC PP Stack during Collect TSK notes	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
5BCGV00	RC6 GSC52 fail to detect dark when PP moves down during RJC PP Stack during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
5BCGW00	RC6 GSC51 fail to detect light when PP moves down during RJC initialize during Collect TSK notes	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
5BCGX00	RC6 GSC01 detects notes during RJC intialize during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5BCJ100	RC6 RJC Full during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
5BCJ200	RC6 RC No Residue during Collect TSK notes	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(8).4. Check the notes remain after open the recycle cassette door(8)5. Fill up the Notes if there are no notes
5BCJ300	RC6 Full,Bottom no detect before move RC PP to stack position during Collect TSK notes	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(8).4. Check the stage status after open the recycle cassette(8).5. Check contamination of GS111/GS112 sensor.
5BCR100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5BCR200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5BCR300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5BCR600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5BCRF00	RC6 Feed Motor response timeout during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5BCRP00	RC6 PP response timeout during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5BCS200	RC6 Receive undefined command during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5BCS300	RC6 Task not for separation receive separation command during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5BCSA00	RC6 Sub Task receive undefined command during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5BCSR00	RC6 Sub Task for Wait Setting Error during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5BE0100	CST GS901 Light Jam during Collect TSK notes	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5BE0200	CST GS902 Light Jam during Collect TSK notes	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5BE0500	CST GS905 Light Jam during Collect TSK notes	1. Remove note in the transit path.2. Open the transit cassette door after remove the cassette.3. Remove note in the upper side.
5BE0Z00	CST All Light Jam during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5BE1100	CST GS901 Dark Jam during Collect TSK notes	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5BE1200	CST GS902 Dark Jam during Collect TSK notes	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5BE1500	CST GS905 Dark Jam during Collect TSK notes	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5BE1Z00	CST All Dark Jam during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5BE2100	Error occurred by notes remained in CST GS901 during Collect TSK notes	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5BE2200	Error occurred by notes remained in CST GS902 during Collect TSK notes	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5BE2500	Error occurred by notes remained in CST GS905 during Collect TSK notes	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5BE2Z00	Error occurred by notes remained in CST All during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5BE3100	Sensor auto calibration error in CST GS901 during Collect TSK notes	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5BE3200	Sensor auto calibration error in CST GS902 during Collect TSK notes	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5BE3500	Sensor auto calibration error in CST GS905 during Collect TSK notes	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5BE3Z00	Sensor auto calibration error in CST All during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5BE4100	Extern lights check error in CST GS901 during Collect TSK notes	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5BE4200	Extern lights check error in CST GS902 during Collect TSK notes	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5BE4500	Extern lights check error in CST GS905 during Collect TSK notes	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5BE4Z00	Extern lights check error in CST All during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5BE5100	Path error on transport path in CST GS901 during Collect TSK notes	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5BE5200	Path error on transport path in CST GS902 during Collect TSK notes	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5BE5500	Path error on transport path in CST GS905 during Collect TSK notes	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5BE5Z00	Path error on transport path in CST All during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5BE6100	Path error on sensor except for transport path in CST GS901 during Collect TSK notes	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5BE6200	Path error on sensor except for transport path in CST GS902 during Collect TSK notes	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5BE6500	Path error on sensor except for transport path in CST GS905 during Collect TSK notes	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5BE6Z00	Path error on sensor except for transport path in CST All during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5BE7100	Error occurred by the notes disorder in CST GS901 during Collect TSK notes	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5BE7200	Error occurred by the notes disorder in CST GS902 during Collect TSK notes	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5BE7500	Error occurred by the notes disorder in CST GS905 during Collect TSK notes	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5BE7Z00	Error occurred by the notes disorder in CST All during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5BEG100	CST Failure of returning notes (GS901,GS902 Sensors detect no notes) during Collect TSK notes	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5BEG200	CST Failure to move PP to stack position during Collect TSK notes	1. Remove the transit cassette.2. Open the cassette door.3. Check the stage status.
5BEG400	CST Failure to upword moving of PP during RC stack roller retreat movement during Collect TSK notes	1. Remove the transit cassette.2. Open the cassette door.3. Check the stage status.
5BEG500	CST Failure to stack roller retreat (GS913 Sensor no change) during Collect TSK notes	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5BEG600	CST Stack Roller retreat position disorder during RC Separation during Collect TSK notes	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5BEG700	CST RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS907) no change) during Collect TSK notes	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5BEG800	CST Failure to move PP to press position (GS908 Sensor Dark Fail) during Collect TSK notes	1. Remove the transit cassette.2. Check the stage status after open the cassette.3. Check the upper side of the cassette
5BEGA00	CST RC Solenoid Echo error during Collect TSK notes	1. Reload the transit cassette after removing the cassette.2. Change the cassette when same error occur.

Problem Code	Problem Description	Troubleshooting
5BEGB00	CST Feed Roller homeposition Sensor(GS907) Light detect fail during RC Stack during Collect TSK notes	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5BEGC00	CST Feed Roller homeposition Sensor(GS907) Dark detect fail during RC Stack during Collect TSK notes	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5BEGD00	CST GS901,GS902 Detect notes during move RC Feed Roller to homeposition during Collect TSK notes	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5BEGE00	CST GS908 detect dark before move RC Feed Roller to homeposition during Collect TSK notes	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note.
5BEGF00	CST Notes Setting error during initialize (GS914, Bottom Sensor(GS912) both dark) during Collect TSK notes	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note.
5BEGG00	CST Stack Roller Sensor(GS913) detect light during RC FM Stack during Collect TSK notes	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5BEGH00	CST Stack Roller Sensor(GS913) detect dark during RC FM Stack during Collect TSK notes	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5BEGJ00	CST RC Stack Roller retreat fail (Motor Overrun) during Collect TSK notes	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5BEGK00	CST RC Stack Roller retreat fail (Motor speed error) during Collect TSK notes	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5B EGL00	CST RC Feed Roller homeposition fail (Motor speed error) during Collect TSK notes	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5BEJ200	CST No Residue during Collect TSK notes	1. Remove the transit cassette.2. Check the notes remain after open the cassette door.3. Fill up the Notes if there are no notes
5BEJ300	CST Full,Bottom no detect before move RC PP to stack position during Collect TSK notes	1. Remove the transit cassette.2. Check the stage status after open the cassette.3. Check the upper side of the cassette
5BER100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5BER200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5BER300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5BER600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5BERF00	CST Feed Motor response timeout during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5BERP00	CST PP response timeout during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5BES200	CST Receive undefined command during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5BES300	CST RC Task not for separation receive separation command during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5BESA00	CST RC Sub Task receive undefined command during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5BESR00	CST Sub Task for Wait Setting Error during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5BF0100	RC7 GSF01 Light Jam during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5BF0200	RC7 GSF02 Light Jam during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5BF0500	RC7 GSF05 Light Jam during Collect TSK notes	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(F)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5BF0Z00	RC7 All Light Jam during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5BF1100	RC7 GSF01 Dark Jam during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5BF1200	RC7 GSF02 Dark Jam during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5BF1500	RC7 GSF05 Dark Jam during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5BF1Z00	All RC7 Sensor Dark Jam during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5BF2100	Error occurred by notes remained in RC7 GSF01 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5BF2200	Error occurred by notes remained in RC7 GSF02 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5BF2500	Error occurred by notes remained in RC7 GSF05 during Collect TSK notes	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(F)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5BF2Z00	Error occurred by notes remained in All RC7 Sensor during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5BF3100	RC7 GSF01 Sensor auto calibration error during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5BF3200	RC7 GSF02 Sensor auto calibration error during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5BF3500	RC7 GSF05 Sensor auto calibration error during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5BF3Z00	All RC7 Sensor auto calibration error during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5BF4100	RC7 GSF01 Extern lights check error during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5BF4200	RC7 GSF02 Extern lights check error during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5BF4500	RC7 GSF05 Extern lights check error during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5BF4Z00	All RC7 Sensor Extern lights check error during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5BF5100	RC7 GSF01 Path error on transport path during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5BF5200	RC7 GSF02 Path error on transport path during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5BF5500	RC7 GSF05 Path error on transport path during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5BF5Z00	All RC7 Sensor Path error on transport path during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5BF6100	RC7 GSF01 Path error on sensor except for transport path during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5BF6200	RC7 GSF02 Path error on sensor except for transport path during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5BF6500	RC7 GSF05 Path error on sensor except for transport path during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5BF6Z00	RC7 All Path error on sensor except for transport path during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5BF7100	Error occurred by the notes disorder in RC7 GSF01 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5BF7200	Error occurred by the notes disorder in RC7 GSF02 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5BF7500	Error occurred by the notes disorder in RC7 GSF05 during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5BF7Z00	Error occurred by the notes disorder in RC7 All during Collect TSK notes	1. Operate to initialize BRM.(Recovery)
5BFG100	RC7 Failure of returning notes (GSF01,GSF02 Sensors detect no notes) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5BFG200	RC7 Failure to move PP to stack position during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (A)4. Open the recycle cassette door(A) 5. Check cassette status to move stage up and down
5BFG400	RC7 Failure to upword moving of PP during RC7 stack roller retreat movement during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (A)4. Open the recycle cassette door(A) 5. Check cassette status to move stage up and down
5BFG500	RC7 Failure to stack roller retreat (GS113 Sensor no change) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5BFG600	RC7 Stack Roller retreat position disorder during RC Separation during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5BFG700	RC7 Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GSF07) no change) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5BFG800	RC7 Failure to move PP to press position (GSF08 Sensor Dark Fail) during Collect TSK notes	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(F).4. Check the stage status after open the recycle cassette(F).5. Check the upper side of the recycle cassette
5BFGA00	RC7 Solenoid Echo error during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F) and reload4. Replace the cassette when same error occurs
5BFGB00	RC7 Feed Roller homeposition Sensor(GSF07) Light detect fail during RC Stack during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5BFGC00	RC7 Feed Roller homeposition Sensor(GSF07) Dark detect fail during RC Stack during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
5BFGD00	RC7 GSF01,GSF02 Detect notes during move RC Feed Roller to homeposition during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5BFGE00	RC7 GSF08 detect dark before move RC Feed Roller to homeposition during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note.
5BFGF00	RC7 Notes Setting error during initialize (GSF14, Bottom Sensor(GSF12) both dark) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note.
5BFGG00	RC7 Stack Roller Sensor(GS113) detect light during RC FM Stack during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5BFGH00	RC7 Stack Roller Sensor(GS113) detect dark during RC FM Stack during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5BFGJ00	RC7 Stack Roller retreat fail (Motor Overrun) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5BFGK00	RC7 Stack Roller retreat fail (Motor speed error) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5BFGL00	RC7 Feed Roller homeposition fail (Motor speed error) during Collect TSK notes	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5BFJ200	RC7 No Residue during Collect TSK notes	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(F).4. Check the notes remain after open the recycle cassette door(A).5. Fill up the Notes if there are no notes
5BFJ300	Full,Bottom no detect before move RC7 PP to stack position during Collect TSK notes	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(F).4. Check the stage status after open the recycle cassette(F).5. Check contamination of GSF11/GSF12 sensor.
5BFRF00	RC7 Feed Motor response timeout during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5BFRP00	RC7 PP response timeout during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5BFS200	RC7 Receive undefined command during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5BFS300	RC7 Task not for separation receive separation command during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5BFSA00	RC7 Sub Task receive undefined command during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5BFSR00	RC7 Sub Task for Wait Setting Error during Collect TSK notes	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5BUS100	USB Bulk Sequence Error during Retract TSK.	1. Restart over AP-SP
5BUS300	USB Bulk Received Length Error during Retract TSK.	1. Reboot the system
5BUS400	Message transmission Error from USB to Main Task during Retract TSK.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
5BUS500	Message reception Error from MainTask to USB during Retract TSK.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
5BUSCMD	Bulk command data check error during Collect TSK notes. (USB communication failure)	1. Restart over AP-SP
5BUSCRC	CRC data check error during Collect TSK notes. (USB communication failure)	1. Restart over AP-SP
5BUSLEN	Bulk length error during Collect TSK notes. (USB communication failure)	1. Restart over AP-SP
5C00C00	GS030 Light Jam error during Withdrawal for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5C1R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5C1R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5C1R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5C1R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5C2R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5C2R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5C2R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5C2R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5C30100	RC3 GS301 Light Jam during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C30200	RC3 GS302 Light Jam during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C30500	RC3 GS305 Light Jam during EEPROM Read/Write	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(C)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5C31100	RC3 GS301 Dark Jam during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C31200	RC3 GS302 Dark Jam during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C31500	RC3 GS305 Dark Jam during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C32100	Error occurred by notes remained in RC3 GS301 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C32200	Error occurred by notes remained in RC3 GS302 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C32500	Error occurred by notes remained in RC3 GS305 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5C33100	Sensor auto calibration error in RC3 GS301 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C33200	Sensor auto calibration error in RC3 GS302 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C33500	Sensor auto calibration error in RC3 GS305 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C34100	Extern lights check error in RC3 GS301 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C34200	Extern lights check error in RC3 GS302 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C34500	Extern lights check error in RC3 GS305 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C35100	Path error on transport path in RC3 GS301 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C35200	Path error on transport path in RC3 GS302 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C35500	Path error on transport path in RC3 GS305 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C36100	Path error on sensor except for transport path in RC3 GS301 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5C36200	Path error on sensor except for transport path in RC3 GS302 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C36500	Path error on sensor except for transport path in RC3 GS305 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C37100	Error occurred by the notes disorder in RC3 GS301 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C37200	Error occurred by the notes disorder in RC3 GS302 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C37500	Error occurred by the notes disorder in RC3 GS305 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C3L100	Remaining notes stack process error in RC3 GS301 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C3L200	Remaining notes stack process error in RC3 GS302 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C3L500	Remaining notes stack process error in RC3 GS305 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C3R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5C3R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5C3R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5C3R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5C40100	RC4 GS401 Light Jam during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C40200	RC4 GS402 Light Jam during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C40500	RC4 GS405 Light Jam during EEPROM Read/Write	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(D)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5C41100	RC4 GS401 Dark Jam during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C41200	RC4 GS402 Dark Jam during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C41500	RC4 GS405 Dark Jam during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C42100	Error occurred by notes remained in RC4 GS401 during EEPROM Read/Write	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5C42200	Error occurred by notes remained in RC4 GS402 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C42500	Error occurred by notes remained in RC4 GS405 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C43100	Sensor auto calibration error in RC4 GS401 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C43200	Sensor auto calibration error in RC4 GS402 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5C43500	Sensor auto calibration error in RC4 GS405 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C44100	Extern lights check error in RC4 GS401 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C44200	Extern lights check error in RC4 GS402 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C44500	Extern lights check error in RC4 GS405 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C45100	Path error on transport path in RC4 GS401 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C45200	Path error on transport path in RC4 GS402 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C45500	Path error on transport path in RC4 GS405 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C46100	Path error on sensor except for transport path in RC4 GS401 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C46200	Path error on sensor except for transport path in RC4 GS402 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C46500	Path error on sensor except for transport path in RC4 GS405 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5C47100	Error occurred by the notes disorder in RC4 GS401 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C47200	Error occurred by the notes disorder in RC4 GS402 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C47500	Error occurred by the notes disorder in RC4 GS405 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C4L100	Remaining notes stack process error in RC4 GS401 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C4L200	Remaining notes stack process error in RC4 GS402 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C4L500	Remaining notes stack process error in RC4 GS405 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C4R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5C4R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5C4R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5C4R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5C50100	RC5 GS501 Light Jam during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C50200	RC5 GS502 Light Jam during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5C50500	RC5 GS505 Light Jam during EEPROM Read/Write	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(E)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5C51100	RC5 GS501 Dark Jam during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C51200	RC5 GS502 Dark Jam during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C51500	RC5 GS505 Dark Jam during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C52100	Error occurred by notes remained in RC5 GS501 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C52200	Error occurred by notes remained in RC5 GS502 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C52500	Error occurred by notes remained in RC5 GS505 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C53100	Sensor auto calibration error in RC5 GS501 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C53200	Sensor auto calibration error in RC5 GS502 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C53500	Sensor auto calibration error in RC5 GS505 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C54100	Extern lights check error in RC5 GS501 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5C54200	Extern lights check error in RC5 GS502 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C54500	Extern lights check error in RC5 GS505 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C55100	Path error on transport path in RC5 GS501 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C55200	Path error on transport path in RC5 GS502 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C55500	Path error on transport path in RC5 GS505 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C56100	Path error on sensor except for transport path in RC5 GS501 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C56200	Path error on sensor except for transport path in RC5 GS502 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C56500	Path error on sensor except for transport path in RC5 GS505 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C57100	Error occurred by the notes disorder in RC5 GS501 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C57200	Error occurred by the notes disorder in RC5 GS502 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5C57500	Error occurred by the notes disorder in RC5 GS505 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C5L100	Remaining notes stack process error in RC5 GS501 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C5L200	Remaining notes stack process error in RC5 GS502 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C5L500	Remaining notes stack process error in RC5 GS505 during EEPROM Read/Write	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5C5R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5C5R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5C5R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5C5R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5C6H100	CSM EEPROM Write Error (System info inquiry/EEPROM Write) during EEPROM Read/Write	1. Check CSM EEPROM2. Cehck CSM EEPROM connection3. Replace CSM B/D if same error occurs during EEPROM R/W
5C6H200	CSM EEPROM Read Error (System info inquiry/EEPROM Read/Wrtie) during EEPROM Read/Write	1. Check CSM EEPROM2. Cehck CSM EEPROM connection3. Replace CSM B/D if same error occurs during EEPROM R/W
5C6R100	CSM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5C6R200	CSM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5C6R300	CSM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5C6R600	CSM response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5C7H300	TSK EEPROM Write error during EEPROM Read/Write	1. Check TSK EEPROM2. Cehck TSK EEPROM connection3. Replace TSK B/D if same error occurs during EEPROM R/W
5C7H400	TSK EEPROM Read error during EEPROM Read/Write	1. Check TSK EEPROM2. Cehck TSK EEPROM connection3. Replace TSK B/D if same error occurs during EEPROM R/W
5C7R100	TSK response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5C7R200	TSK response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5C7R300	TSK response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5C7R600	TSK response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5C8HA01	GS801A Sensor Error during EEPROM Read/Write	1. Check GS801A2. Operate to initialize BRM(Recovery)
5C8HA02	GS801B Sensor Error during EEPROM Read/Write	1. Check GS801B2. Operate to initialize BRM(Recovery)
5C8HA03	GS801A, GS801B Sensor Error during EEPROM Read/Write	1. Check GS801A, GS801B2. Operate to initialize BRM(Recovery)
5C8HA04	GS802A Sensor Error during EEPROM Read/Write	1. Check GS802A2. Operate to initialize BRM(Recovery)
5C8HA05	GS801A, GS802A Sensor Error during EEPROM Read/Write	1. Check GS801A, GS802A2. Operate to initialize BRM(Recovery)
5C8HA06	GS801B, GS802A Sensor Error during EEPROM Read/Write	1. Check GS801B, GS802A2. Operate to initialize BRM(Recovery)
5C8HA07	GS801A, GS801B, GS802A Sensor Error during EEPROM Read/Write	1. Check GS801A, GS801B, GS802A2. Operate to initialize BRM(Recovery)
5C8HA08	GS802B Sensor Error during EEPROM Read/Write	1. Check GS802B2. Operate to initialize BRM(Recovery)
5C8HA09	GS801A, GS802B Sensor Error during EEPROM Read/Write	1. Check GS801A, GS802B2. Operate to initialize BRM(Recovery)
5C8HA10	GS801B, GS802B Sensor Error during EEPROM Read/Write	1. Check GS801B, GS802B2. Operate to initialize BRM(Recovery)
5C8HA11	GS801A, GS801B, GS802B Sensor Error during EEPROM Read/Write	1. Check GS801A, GS801B, GS802B2. Operate to initialize BRM(Recovery)
5C8HA12	GS802A, GS802B Sensor Error during EEPROM Read/Write	1. Check GS802A, GS802B2. Operate to initialize BRM(Recovery)
5C8HA13	GS801A, GS802A, GS802B Sensor Error during EEPROM Read/Write	1. Check GS801A, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5C8HA14	GS801B, GS802A, GS802B Sensor Error during EEPROM Read/Write	1. Check GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5C8HA15	GS801A, GS801B, GS802A, GS802B Sensor Error during EEPROM Read/Write	1. Check GS801A, GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5C8HB01	MR Sensor Level Error during EEPROM Read/Write	1. Check MR Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5C8HC02	UV_01 Sensor Level Error during EEPROM Read/Write	1. Check UV Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5C8HF03	CIS Shading data loading Fail during EEPROM Read/Write	1. Operate shading in the BC CIS2. Operate to initialize BRM(Recovery)
5C8HF04	Detection DB Table loading Fail during EEPROM Read/Write	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5C8HF05	BC FPGA Data checksum Fail during EEPROM Read/Write	1. Check to BC FPGA File2. Operate to initialize BRM(Recovery)
5C8HF06	BC FPGA Configuration Fail during EEPROM Read/Write	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5C8HF07	BC FPGA Header Information Loading Fail during EEPROM Read/Write	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5C8HF08	BC FPGA Initialize Fail during EEPROM Read/Write	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5C8HF09	BC FPGA VERSION Fail during EEPROM Read/Write	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5C8HF11	Detection DB #01 loading Fail during EEPROM Read/Write	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5C8HF12	Detection DB #02 loading Fail during EEPROM Read/Write	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5C8HF13	Detection DB #03 loading Fail during EEPROM Read/Write	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5C8HF14	Detection DB #04 loading Fail during EEPROM Read/Write	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5C8HF15	Detection DB #05 loading Fail during EEPROM Read/Write	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5C8HF16	Detection DB #06 loading Fail during EEPROM Read/Write	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5C8HF17	Detection DB #07 loading Fail during EEPROM Read/Write	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5C8HF18	Detection DB #08 loading Fail during EEPROM Read/Write	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5C8HF19	Detection DB #09 loading Fail during EEPROM Read/Write	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5C8HF20	Detection DB #10 loading Fail during EEPROM Read/Write	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5C8HG01	Mode Set Error When Receive BC MODE Command (Mode Value is not 1 or 2 ) during EEPROM Read/Write	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5C8HG02	Detection Level Set Error When Receive BC MODE Command (Detection Level Value is 0 ) during EEPROM Read/Write	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5C8HG03	BC Transaction Ready Fail When Receive BC READY Command during EEPROM Read/Write	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5C8HG04	Mode Set Error When Receive BC READY Command (Mode Value is not 1 or 2 ) during EEPROM Read/Write	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5C8HG05	Detection Level Set Error When Receive BC READY Command (Detection Level Value is 0 ) during EEPROM Read/Write	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5C8HG06	BC Entry Direction Set Error When Receive BC READY Command (Not Deposit-Withdrawal/Stack Direction ) during EEPROM Read/Write	1. Check BC putting direction.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5C8HG07	Receive BC Unknown Command during EEPROM Read/Write	1. Check BC reception full command.1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization.
5C8HG08	The Number of Nations Set Error When Receive BC DATA WRITE Command (Over 0, 10) during EEPROM Read/Write	1. Check the number of supported country.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5C8HG09	Nation Code Set Error When Receive BC DATA WRITE Command during EEPROM Read/Write	1. Check the supported country code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5C8HG10	Detection DB of the Nation is not exist When Receive BC DATA WRITE Command during EEPROM Read/Write	1. Check the BC recognition DB of country.2. Download DB again after deleting all recognition DB3. Operate to initialize BRM(Recovery)4. Reboot the system when same error occurred after initialization.
5C8HG11	No Nation Code When Receive BC READY Command during EEPROM Read/Write	1. Check the country setting value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5C8HG12	BC Version Value Set Error When Receive BC DATA WRITE Command (Not BC FPGA) during EEPROM Read/Write	1. Check the BC specifications devision and BC FPGA specifications.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initializatio
5C8HG20	Fail to Initialize CIS When Receive BC READY Command during EEPROM Read/Write	1. Operate to initialize BRM(Recovery)2. Check CIS part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5C8HG21	Fail to ENCODER POWER ON When Receive BC READY Command during EEPROM Read/Write	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5C8HG22	Fail to adjust DD Sensor DAC When Receive BC READY Command during EEPROM Read/Write	1. Operate to initialize BRM(Recovery)2. Check whether the sensor is contaminated or not if same error occurs after Initialize3. Reboot the system when same error occurs even though there is no substance.

Problem Code	Problem Description	Troubleshooting
5C8HG23	DD Sensor DAC Set Error When Receive BC READY Command during EEPROM Read/Write	1. Operate to initialize BRM(Recovery)2. Check DD sensor part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5C8HG24	ENCODER Mode Set Error When Receive BC READY Command during EEPROM Read/Write	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance
5C8HG30	Counterfeit Note List CRC Error When Receive BC SERIAL NO Command during EEPROM Read/Write	1. Check the forged notes list CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5C8HG31	Not Receive The Number of Counterfeit Note Lists and CRC When Receive BC SERIAL NO Command during EEPROM Read/Write	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5C8HG32	Over The Number of Counterfeit Note Lists When Receive BC SERIAL NO Command (Over 200) during EEPROM Read/Write	1. Check the whole number of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5C8HG33	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Nation Code 0) during EEPROM Read/Write	1. Check the country code of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5C8HG34	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Length Over 2~29) during EEPROM Read/Write	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5C8HG36	Note Number Detection Mode Set Error When Receive BC MODE Command (Mode Value is Not 0, 1, 2) during EEPROM Read/Write	1. Check to the recognized mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5C8HG37	Transaction Classification Set Error When Receive BC MODE Command (Classification Value is Not 0, 1, 2) during EEPROM Read/Write	1. Check to the transaction setting.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5C8HG38	Counterfeit Note List Search Classification Set Error When Receive BC SERIAL NO Command 위조지폐 목록 검색 구분 설정 오류 (Classification Value is Not 1, 2, 3 ) during EEPROM Read/Write	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5C8HG39	Counterfeit Note List Note Number Set Error When Receive BC SERIAL NO Command (Use '*' When Search Note Number Part) during EEPROM Read/Write	1. Check the forged notes list's note numbers.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5C8HG3A	BC MODE SET Bill Management Level Set Error (Over 1~5) during EEPROM Read/Write	1. Check check management mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5C8HG3B	Over The Number of BC MODE SET Back Codes (Over 15) during EEPROM Read/Write	1. Check the number of check issued by our bank code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5C8HG40	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use End Number at First When Search Note Number Part) during EEPROM Read/Write	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5C8HG41	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use Start Number at Last When Search Note Number Part) during EEPROM Read/Write	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5C8HG42	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Wrong Start/End Number Order When Search Note Number Part) during EEPROM Read/Write	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5C8HG43	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Use Wrong Length Value When Search Note Number Part) during EEPROM Read/Write	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5C8HG44	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Use Wrong Nation Code When Search Note Number Part) during EEPROM Read/Write	1. Check the forged notes list's country-code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5C8HG45	Not Receive The Number of Bill Number Tables and CRC When Receive Check No Write Command during EEPROM Read/Write	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5C8HG46	Bill Number Error When Receive Check No Write Command during EEPROM Read/Write	1. Check the check number when registering check number.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5C8HG47	Bill Number Table Length Set Error When Receive Check No Write Command (Length Over 0~50) during EEPROM Read/Write	1. Check check number table's length.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5C8HG48	Bill Number Table CRC Error When Receive Check No Write Command during EEPROM Read/Write	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5C8HG49	Over The Number of Bill Number Tables When Receive Check No Write Command (Over 5) during EEPROM Read/Write	1. Check check total number of tables.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5C8HH01	Fail to Delete NAND FLASH during EEPROM Read/Write	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5C8HH02	NAND FLASH Delete BLOCK Set Error When Download Detection DB during EEPROM Read/Write	1. Download DB again after checking recognition DB's delete index.2. Operate to initialize BRM(Recovery)
5C8HH03	Fail to Download Detection DB during EEPROM Read/Write	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5C8HH04	NAND FLASH Download BLOCK Set Error When Download Detection DB during EEPROM Read/Write	1. Download DB again after checking recognition DB's index.2. Operate to initialize BRM(Recovery)
5C8HH05	Detection DB Download File Check Error during EEPROM Read/Write	1. Download DB again after checking recognition DB file.2. Operate to initialize BRM(Recovery)
5C8HH06	Detection DB Download File Size Error during EEPROM Read/Write	1. Download DB again after checking recognition DB download file.2. Operate to initialize BRM(Recovery)
5C8HH07	DB Table Save Error After Download Detection DB during EEPROM Read/Write	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5C8HH08	Over Detection DB Download (Over 10) during EEPROM Read/Write	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5C8HH09	Detection DB Header Information Error during EEPROM Read/Write	1. Download DB again after deleting recognition DB.2. Operate to initialize BRM(Recovery)
5C8HH10	EP Download Fail during EEPROM Read/Write	1. Re-download BC EP.2. Change the BC B/D if continuous error.
5C8HH11	EP Download Check Error during EEPROM Read/Write	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5C8HH12	EP Download File Size Error during EEPROM Read/Write	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5C8HH13	EP Download File ID Error (Not EPAP/EPBT/EPFP) during EEPROM Read/Write	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5C8HH14	BC FPGA Download Fail during EEPROM Read/Write	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
5C8HH15	Header Information Save Error After BC FPGA Download during EEPROM Read/Write	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
5C8HH16	Not Provide BC FPGA Download during EEPROM Read/Write	1. Check BC FPGA VERSION.2. Change the BC B/D if continuous error.
5C8HH17	EEPROM READ/WRITE Error during EEPROM Read/Write	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
5C8HH18	Receive Unit Serial Number Undefined Option during EEPROM Read/Write	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
5C8HH19	Receive USB Undefined Command during EEPROM Read/Write	1. Check USB Command from BC and retry the operation.2. Check BC version and Update EP3. Change the BC B/D if continuous error.
5C8HH20	No BC Process Note When Receive Image Upload Command during EEPROM Read/Write	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5C8HH21	FC1 Set Error When Receive Image Upload Command during EEPROM Read/Write	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5C8HH22	BC is Processing Note When Receive Image Upload Command during EEPROM Read/Write	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5C8HH23	FC2 Set Error When Receive Image Upload Command during EEPROM Read/Write	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5C8HH24	Not Provide Total Image Upload Function during EEPROM Read/Write	1. Check if SP or TM is out of date.2. Initialize the BRM.3. If initialization does not fix the problem, contact the technician.
5C8HH25	Not Provide Note Number Detection Image Upload Function during EEPROM Read/Write	1. Check BC image save mode.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.

Problem Code	Problem Description	Troubleshooting
5C8HH26	FC2 Set Error When Receive Image Information Upload Command during EEPROM Read/Write	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5C8HH27	BRM Transaction Mode is Not Same with Image Upload Command Mode during EEPROM Read/Write	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5C8HH28	BRM Transaction Mode is Not Same with Replenishment/Collect Cash Image Upload Command Mode during EEPROM Read/Write	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5C8HH29	No BC Process Note When Receive Replenishment/Collect Cash Image Upload Command during EEPROM Read/Write	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5C8HH2A	FC1 Set Error When Receive Replenishment/Collect Cash Image Upload Command during EEPROM Read/Write	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5C8HH2B	BC is Processing Note When Receive Replenishment/Collect Cash Image Upload Command during EEPROM Read/Write	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5C8HH2C	FC2 Set Error When Receive Replenishment/Collect Cash Image Upload Command during EEPROM Read/Write	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5C8HH2D	Not Provide Replenishment/Collect Cash Image Upload Function during EEPROM Read/Write	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5C8HH2E	Note Image Upload Index is Not Same When Receive Replenishment/Collect Cash Image Upload Command during EEPROM Read/Write	1. Get BC log and image.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5C8HI01	RecogTask Messeage Timeout Error during EEPROM Read/Write	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5C8HI02	ScanTask Messeage Timeout Error during EEPROM Read/Write	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5C8HI03	UartTask Messeage Timeout Error during EEPROM Read/Write	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5C8HI04	BcUsbTask Messeage Timeout Error during EEPROM Read/Write	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5C8HJ01	Algorithm Initialize Fail during EEPROM Read/Write	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5C8HJ02	Algorithm Ready Fail during EEPROM Read/Write	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5C8HJ03	Algorithm Information Set Error during EEPROM Read/Write	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5C8HK01	Table CRC Error When Set Poly-Note Withdrawal Information during EEPROM Read/Write	1. Retry the operation
5C8HK02	CST Note Information Set Number Error When Set Poly-Note Withdrawal Information (n is 0 or over 256) during EEPROM Read/Write	1. Check the number of CST Setting notes info
5C8HK03	Withdrawal Note Number Set Error When Set Poly-Note Withdrawal Information ( n is 0 or over 3000) during EEPROM Read/Write	1. Check Withdrawal notes setting
5C8HK04	Note Information (Not CST Set Note) is Set in Withdrawal Note Information When Set Poly-Note Withdrawal Information during EEPROM Read/Write	1. Check Withdrawal notes info
5C8HS01	FPGA Write Data Error When Initialize Scan Driver during EEPROM Read/Write	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5C8HS02	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver during EEPROM Read/Write	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5C8HS03	Fail to Set CIS Led On Value When Initialize Scan Driver during EEPROM Read/Write	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5C8HS04	Fail to Set Source of Scan Light When Initialize Scan Driver during EEPROM Read/Write	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5C8HS05	Not Process Shading When Initialize Scan Driver during EEPROM Read/Write	1. Perform CIS Shading.2. Operate to initialize BRM(Recovery)
5C8HS08	Fail to Set DAC When Initialize Scan Driver during EEPROM Read/Write	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5C8HS11	FPGA Write Data Error When BC Ready during EEPROM Read/Write	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5C8HS12	Fail to Power On When BC Ready Sensor(MR/UV/DD/Encoder/Entry Sensor) during EEPROM Read/Write	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5C8HS13	Fail to Set CIS Led On Value When BC Ready during EEPROM Read/Write	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5C8HS14	Fail to Set Source of Scan Ligh When BC Ready during EEPROM Read/Write	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5C8HS15	Not Process Shading When BC Ready during EEPROM Read/Write	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5C8HS17	Fail to Set AFE Chip When BC Ready during EEPROM Read/Write	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5C8HS18	Fail to Set DAC When BC Ready during EEPROM Read/Write	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5C8HS19	MR/UV/DD Sampling Start Error When BC Ready during EEPROM Read/Write	1. Retry the operation.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5C8HS1A	Fail to Set 2-Notes DAC When BC Ready during EEPROM Read/Write	1. Check whether double notes sensor is contaminate or not.2. Check whether double notes sensor is connected.3. Retry the operation.4. Change the BC if continuous error.
5C8HS1B	2-Notes to 1-Note Adjust Information Error When BC Ready during EEPROM Read/Write	1. Perform calibration info about double notes or one note.2. Operate to initialize BRM(Recovery)
5C8HS22	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver When Stop BC during EEPROM Read/Write	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5C8HS28	Fail to Set DAC When Stop BC during EEPROM Read/Write	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5C8HS29	MR/UV/DD Sampling Stop Error When Stop BC during EEPROM Read/Write	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5C8HS31	BC Ready Fail When Process CIS Shading – Use in Plant during EEPROM Read/Write	1. Perform calibration info about double notes or one note and double notes DAC2. Retry the operation
5C8HS32	Dark Adjust Fail When Process CIS Shading – Use in Plant during EEPROM Read/Write	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Change CIS and Cable5. Change BC
5C8HS33	Over Target Gap When Process CIS Shading Shading – Use in Plant during EEPROM Read/Write	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
5C8HS34	Fail to Write Result Value Flash When Process CIS Shading – Use in Plant during EEPROM Read/Write	1. Retry the operation2. Change BC
5C8HS35	BC Stop Fail When Process CIS Shading – Use in Plant during EEPROM Read/Write	1. Retry the operation2. Change BC
5C8HS36	Over 10Pixel-Excess-Image When Process CIS Shading during EEPROM Read/Write	1. Retry the operation2. Check CIS note quility and setting status3. Check CIS Connection Status4. Change BC
5C8HS37	Dark Shading Result Value is Standard Over When Process CIS Shading during EEPROM Read/Write	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Retry the operation5. Change BC
5C8HS38	Max Ontime Ove When Process CIS Shadng – Use in Plant during EEPROM Read/Write	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
5C8HS39	Fail to Set Source of Shading Light When Process CIS Shading – Use in Plant during EEPROM Read/Write	1. Retry the operation2. Change BC
5C8HS41	Fail to Adjust 2-Notes DAC (Less Than MIN) – Use in Plant during EEPROM Read/Write	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the opertion4. Change BC
5C8HS42	Fail to Adjust 2-Notes DAC (Over MAX) – Use in Plant during EEPROM Read/Write	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the opertion4. Change BC
5C8HS43	2-Notes Adjust Flash Write Fail – Use in Plant during EEPROM Read/Write	1. Retry the operation2. Change BC
5C8R100	BC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5C8R200	BC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5C8R300	BC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5C8R600	BC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5CAA100	UTC open Error before operation EEPROM Read/Write	1. Open the upper unit. 2. Check the UTC removal and reinstallation
5CAA200	TSK open Error before operation EEPROM Read/Write	1. Open the upper unit. 2. Check the TSK open and close
5CAA300	BMU Inter Lock Error before operation EEPROM Read/Write	1. Check BMU open and close
5CAA400	BMU open Error before operation EEPROM Read/Write	1. Check BMU open and close
5CAA500	Replenishment CST open Error before operation EEPROM Read/Write	1. Check the Transit CST installation
5CAA600	CSM open Error before operation EEPROM Read/Write	1. Open the upper unit. 2. Check CSM Open/Close
5CAA800	BMD Inter Lock Error before operation EEPROM Read/Write	1. Open the lower unit. 2. Check the BMD open and close
5CAA900	BMD open Error before operation EEPROM Read/Write	1. Open the lower unit. 2. Check the BMD open and close
5CAAA00	BC Open Error before operation EEPROM Read/Write	1. Open the upper unit. 2. Check BC Open/Close
5CAAB00	RC Full Error before operation EEPROM Read/Write	1. Open the lower unit. 2. Check RC Full and remove notes
5CAAC00	RJC Full Error before operation EEPROM Read/Write	1. Open the upper unit. 2. Check RJC Full and remove notes
5CAAD00	UTC Full Error before operation EEPROM Read/Write	1. Open the upper unit. 2. Remove UTC and open the UTC Door3. Remove notes and reinstallation UTC
5CAAE00	RTC Full Error before operation EEPROM Read/Write	1. Open the lower unit. 2. Remove RT/RJC and open the Door3. Remove notes and reinstall RT/RJC
5CAAF00	RC Empty Error before operation EEPROM Read/Write	1. Open the lower unit. 2. Remove RC and open the RC Door, Check the Empty Status3. Reinstall the RC
5CAAG00	Suspected note RC open Error before operation EEPROM Read/Write	1. Open the lower unit. 2. Check the RC removal and reinstall
5CAE100	Received operation command without Initial Info Set during EEPROM Read/Write	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5CAE200	Status on not operation reception command during EEPROM Read/Wrie	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization

Problem Code	Problem Description	Troubleshooting
5CAE300	Received operation command without System Info Read during EEPROM Read/Write	1. Restart over AP-SP2. Do transaction operation follow by set up read system Info for TM Test-> Initial Info Set -> Initialization
5CAE400	Transaction was executed without Initializing after power on during EEPROM Read/Write	1. Restart over AP-SP2. Do transaction operation follow by set up read system Info for TM Test-> Initial Info Set -> Initialization
5CAEE00	RBU RS485 communication sequence disorder during EEPROM Read/Write	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5CAEF00	RBU RS485 connection line disorder during EEPROM Read/Write	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5CAEL00	RBU communication was not ready after power on during EEPROM Read/Write	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5CAH100	CSM EEPROM write Error during EEPROM Read/Write	1. Check CSM EEPROM2. Cehck CSM EEPROM connection3. Replace CSM B/D if same error occurs during EEPROM R/W
5CAH200	CSM EEPROM read Error during EEPROM Read/Write	1. Check CSM EEPROM2. Cehck CSM EEPROM connection3. Replace CSM B/D if same error occurs during EEPROM R/W
5CAH300	TSK EEPROM write Error during EEPROM Read/Write	1. Check TSK EEPROM2. Cehck TSK EEPROM connection3. Replace TSK B/D if same error occurs during EEPROM R/W
5CAH400	TSK EEPROM read Error during EEPROM Read/Write	1. Check TSK EEPROM2. Cehck TSK EEPROM connection3. Replace TSK B/D if same error occurs during EEPROM R/W
5CAH600	Failure to check clearing NVRAM during EEPROM Read/Write	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5CAH700	Failure to write specific character after NVRAM clear during EEPROM Read/Write	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5CAH800	CST EEPROM write Error during EEPROM Read/Write	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5CAH900	CST EEPROM read Error during EEPROM Read/Write	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5CAHA00	BMU EEPROM write Error during EEPROM Read/Write	1. Replace BMU B/D
5CAHB00	BMU EEPROM read Error during EEPROM Read/Write	1. Replace BMU B/D
5CAS100	No Module During EEPROM Write	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5CAS200	No Write Option During EEPROM Write	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5CAS300	Module set error during Error Info R/C Command.(No module set or reserve set)	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5CBH100	RC1 EEPROM Read Error during EEPROM Read/Write	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5CBH200	RC2 EEPROM Read Error during EEPROM Read/Write	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5CBH300	RC3 EEPROM Read Error during EEPROM Read/Write	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5CBH400	RC4 EEPROM Read Error during EEPROM Read/Write	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5CBH500	RC5 EEPROM Read Error during EEPROM Read/Write	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5CBH600	RC6 EEPROM Read Error during EEPROM Read/Write	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5CBH700	RC1 EEPROM Write Error during EEPROM Read/Write	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5CBH800	RC2 EEPROM Write Error during EEPROM Read/Write	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5CBH900	RC3 EEPROM Write Error during EEPROM Read/Write	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5CBHA00	RC4 EEPROM Write Error during EEPROM Read/Write	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5CBHB00	RC5 EEPROM Write Error during EEPROM Read/Write	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5CBHC00	RC6 EEPROM Write Error during EEPROM Read/Write	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5CBHD00	RC1 EEPROM Verify Error during EEPROM Read/Write	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5CBHE00	RC2 EEPROM Verify Error during EEPROM Read/Write	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5CBHF00	RC3 EEPROM Verify Error during EEPROM Read/Write	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5CBHG00	RC4 EEPROM Verify Error during EEPROM Read/Write	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization

Problem Code	Problem Description	Troubleshooting
5CBHH00	RC5 EEPROM Verify Error during EEPROM Read/Write	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5CBHJ00	RC6 EEPROM Verify Error during EEPROM Read/Write	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5CBHK00	BMD Open Error During EEPROM Read/Write during EEPROM Read/Write	1. Check the lower Unit load/removal
5CBHU00	BMD EEPROM Read Error during EEPROM Read/Write	1. Replace RBU B/D
5CBHV00	BMD EEPROM Write Error during EEPROM Read/Write	1. Replace RBU B/D
5CBHW00	BMD EEPROM Verify Error during EEPROM Read/Write	1. Replace RBU B/D
5CBHX00	RC7 EEPROM Read Error during EEPROM Read/Write	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5CBHY00	RC7 EEPROM Write Error during EEPROM Read/Write	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5CBHZ00	RC7 EEPROM Verify Error during EEPROM Read/Write	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5CBR000	RBU Response Timeout during EEPROM Read/Write	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5CBR700	RBU Response Message Timeout during EEPROM Read/Write	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5CBS100	RBU RS-232 Seq Num Echo Error during EEPROM Read/Write	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5CBS200	RBU RS-232 MI Echo Error during EEPROM Read/Write	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5CCR100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5CCR200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5CCR300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5CCR600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5CEH800	CST EEPROM Write Error during EEPROM Read/Write	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization

Problem Code	Problem Description	Troubleshooting
5CEH900	CST EEPROM Read Error during EEPROM Read/Write	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5CER100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5CER200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5CER300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5CER600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5CUS100	USB Bulk Sequence Error during EEPROM Read/Write.	1. Restart over AP-SP
5CUS300	USB Bulk Received Length Error during EEPROM Read/Write.	1. Reboot the system
5CUS400	Message transmission Error from USB to Main Task during EEPROM Read/Write.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
5CUS500	Message reception Error from MainTask to USB during EEPROM Read/Write.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
5CUSCMD	Bulk command data check error during EEPROM Read/Write. (USB communication failure)	1. Restart over AP-SP
5CUSCRC	CRC data check error during EEPROM Read/Write. (USB communication failure)	1. Restart over AP-SP
5CUSLEN	Bulk length error during EEPROM Read/Write. (USB communication failure)	1. Restart over AP-SP
5D00600	GS006 Light Jam error during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D00H00	GS618 Light Jam error during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D00J00	GS619 Light Jam error during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5D01600	GS006 Dark Jam error during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D01H00	GS618 Dark Jam error during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D01J00	GS619 Dark Jam error during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D02100	Error occurred by notes remained in GS801 during Initialize	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5D02200	Error occurred by notes remained in GS002 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D02300	Error occurred by notes remained in GS003 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D02400	Error occurred by notes remained in GS004 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D02500	Error occurred by notes remained in GS005 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D02600	Error occurred by notes remained in GS006 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D02700	Error occurred by notes remained in GS014 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5D02800	Error occurred by notes remained in GS018 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D02900	Error occurred by notes remained in GS020 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D02A00	Error occurred by notes remained in GS021 during Initialize	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5D02C00	Error occurred by notes remained in GS030 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D02E00	Error occurred by notes remained in GS001 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D02H00	Error occurred by notes remained in GS618 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D02J00	Error occurred by notes remained in GS619 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D02M00	Error occurred by notes remained in GSA01 during Initialize	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5D02N00	Error occurred by notes remained in GSA02 during Initialize	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5D02P00	Error occurred by notes remained in GSA03 during Initialize	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5D02Q00	Error occurred by notes remained in GSD01 during Initialize	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5D02W00	Error occurred by notes remained in GS802 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D06100	GS801 Path error on sensor except for transport path during Initialize	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5D06200	GS002 Path error on sensor except for transport path during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D06300	GS003 Path error on sensor except for transport path during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D06400	GS004 Path error on sensor except for transport path during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D06500	GS005 Path error on sensor except for transport path during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D06600	GS006 Path error on sensor except for transport path during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D06700	GS014 Path error on sensor except for transport path during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D06800	GS018 Path error on sensor except for transport path during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5D06900	GS020 Path error on sensor except for transport path during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D06A00	GS021 Path error on sensor except for transport path during Initialize	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5D06C00	GS030 Path error on sensor except for transport path during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D06E00	GS001 Path error on sensor except for transport path during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D06H00	GS618 Path error on sensor except for transport path during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D06J00	GS619 Path error on sensor except for transport path during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D06M00	GSA01 Path error on sensor except for transport path during Initialize	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5D06N00	GSA02 Path error on sensor except for transport path during Initialize	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5D06P00	GSA03 Path error on sensor except for transport path during Initialize	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5D06Q00	GSD01 Path error on sensor except for transport path during Initialize	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5D06W00	GS802 Path error on sensor except for transport path during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D07600	Error occurred by the notes disorder in GS006 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D07H00	Error occurred by the notes disorder in GS618 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D07J00	Error occurred by the notes disorder in GS619 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D0F100	GM001 motor doesn't operate at a constant speed when the motor works during Initialize	1. Open the upper unit2. Check the Front Transport Path(2) gear rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Check GS804 Sensor Dark/Light Status and Initialize
5D0F200	GM002 motor doesn't operate at a constant speed when the motor works during Initialize	1. Open the upper unit2. Check the TOP Transport(4) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
5D0F400	GM004 motor doesn't operate at a constant speed when the motor works during Initialize	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
5D0F600	GM006 motor doesn't operate at a constant speed when the motor works during Initialize	1. Open the upper unit2. Check the customer service module (CSM 1-1, 1-2) gear and knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
5D0F700	GM007 motor doesn't operate at a constant speed when the motor works during Initialize	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
5D0F900	GM009 motor doesn't operate at a constant speed when the motor works during Initialize	1. Open the Transit Transport, related system point 2. Check the Transit Transport gear, knob rotates softly 3. Check GS019 Sensor Dark/Light Status and Initialize4. Check remained Notes and substance in the Transit Transport5. Initialize
5D0FA00	GM001 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Initialize	1. Open the upper unit2. Check the Front Transport Path(2) gear rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Check GS804 Sensor Dark/Light Status and Initialize
5D0FB00	GM002 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Initialize	1. Open the upper unit2. Check the TOP Transport(4) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
5D0FC00	GM004 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Initialize	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize

Problem Code	Problem Description	Troubleshooting
5D0FD00	GM006 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Initialize	1. Open the upper unit2. Check the customer service module (CSM 1-1, 1-2) gear and knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
5D0FE00	GM007 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Initialize	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check GS017 Sensor Dark/Light Status4. Check remained Notes and substance in the upper Transport Path5. Initialize
5D0FF00	GM009 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Initialize	1. Open the Transit Transport, related system point 2. Check the Transit Transport gear, knob rotates softly 3. Check GS019 Sensor Dark/Light Status4. Check remained Notes and substance in the Transit Transport5. Initialize
5D0FJF0	Fail to check GM001 motor encoder normal status during Initialize (Hall Count 0)	1. Check the duplicate note and remove the note.2. Operate to initialize BRM(Recovery)
5D0FJF1	Fail to check GM001 motor encoder normal status during Initialize	1. Check the duplicate note and remove the note.2. Operate to initialize BRM(Recovery)
5D0FKF0	Fail to check GM002 motor encoder normal status during Initialize (Hall Count 0)	1. Check the duplicate note and remove the note.2. Operate to initialize BRM(Recovery)
5D0FKF1	Fail to check GM002 motor encoder normal status during Initialize	1. Check the duplicate note and remove the note.2. Operate to initialize BRM(Recovery)
5D0FLF0	Fail to check GM004 motor encoder normal status during Initialize (Hall Count 0)	1. Check the duplicate note and remove the note.2. Operate to initialize BRM(Recovery)
5D0FLF1	Fail to check GM004 motor encoder normal status during Initialize	1. Check the duplicate note and remove the note.2. Operate to initialize BRM(Recovery)
5D0FMF0	Fail to check GM006 motor encoder normal status during Initialize (Hall Count 0)	1. Check the duplicate note and remove the note.2. Operate to initialize BRM(Recovery)
5D0FMF1	Fail to check GM006 motor encoder normal status during Initialize	1. Check the duplicate note and remove the note.2. Operate to initialize BRM(Recovery)
5D0FNF0	Fail to check GM007 motor encoder normal status during Initialize (Hall Count 0)	1. Check the duplicate note and remove the note.2. Operate to initialize BRM(Recovery)
5D0FNF1	Fail to check GM007 motor encoder normal status during Initialize	1. Check the duplicate note and remove the note.2. Operate to initialize BRM(Recovery)
5D0FPF0	Fail to check GM009 motor encoder normal status during Initialize (Hall Count 0)	1. Check the duplicate note and remove the note.2. Operate to initialize BRM(Recovery)
5D0FPF1	Fail to check GM009 motor encoder normal status during Initialize	1. Check the duplicate note and remove the note.2. Operate to initialize BRM(Recovery)
5D0FZ00	Fail to check motor encoder normal status during Initialize	1. Check the duplicate note and remove the note.2. Operate to initialize BRM(Recovery)
5D0G100	Failure to 3Way Gate 0 degree mode conversion during Initialize	1. Open the upper unit2. Open the customer service module(1) and TOP Transport(4)3. Remove notes and substance in the Transport Path and 3way gate4. Check remained Notes and substance in the upper Transport Path5. Initialize

Problem Code	Problem Description	Troubleshooting
5D0G200	Failure to 3Way Gate 120 degree mode conversion during Initialize	1. Open the upper unit2. Open the customer service module(1) and TOP Transport(4)3. Remove notes and substance in the Transport Path and 3way gate4. Check remained Notes and substance in the upper Transport Path5. Initialize
5D0GB00	Time Out to 3Way Gate Mode conversion during Initialize	1. Open the upper unit2. Open the customer service module(1) and TOP Transport(4)3. Remove notes and substance in the Transport Path and 3way gate4. Check remained Notes and substance in the upper Transport Path5. Initialize
5D0GC00	Failure to RTRJ Gate RJC Mode conversion during Initialize	1. Open the lower unit2. Open MID Transport(7)3. Check remained Notes and substance in the RT/RJC4. Check remained Notes in RT/RJC gate
5D0GD00	Failure to RTRJ Gate RTC Mode conversion during Initialize	1. Open the lower unit2. Open MID Transport(7)3. Check remained Notes and substance in the RT/RJC4. Check remained Notes in RT/RJC gate
5D0L100	Remaining notes stack process error in GS801 during Initialize	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5D0L200	Remaining notes stack process error in GS002 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D0L300	Remaining notes stack process error in GS003 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D0L400	Remaining notes stack process error in GS004 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D0L500	Remaining notes stack process error in GS005 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D0L600	Remaining notes stack process error in GS006 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D0L700	Remaining notes stack process error in GS014 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5D0L800	Remaining notes stack process error in GS018 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D0L900	Remaining notes stack process error in GS020 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D0LA00	Remaining notes stack process error in GS021 during Initialize	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5D0LB00	Fail to Stack Jammed note in previous upper Transport during Initialize	1. Open the upper unit2. Check remained Notes and substance in the upper Transport Path3. Initialize
5D0LC00	Remaining notes stack process error in GS030 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D0LD00	Fail to Stack Jammed note in previous lower Transport during Initialize	1. Open the lower unit2. Check remained Notes and substance in the lower Transport Path3. Initialize
5D0LE00	Remaining notes stack process error in GS001 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D0LH00	Remaining notes stack process error in GS618 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D0LJ00	Remaining notes stack process error in GS619 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D0LM00	Remaining notes stack process error in GSA01 during Initialize	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5D0LN00	Remaining notes stack process error in GSA02 during Initialize	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5D0LP00	Remaining notes stack process error in GSA03 during Initialize	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5D0LQ00	Remaining notes stack process error in GSD01 during Initialize	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5D0LW00	Remaining notes stack process error in GS802 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D0LZ00	Fail to Stack Jammed note in previous Transport during Initialize	1. Open the lower, upper unit2. Check remained Notes and substance in the upper, lower Transport Path3. Initialize
5D0N700	More than 3 notes are stacked in RC during Initialize	1. Operate to initialize BRM(Recovery)
5D0N800	Fail to remove note in RC Separation sensor(GSx06) during Initialize	1. Operate to initialize BRM(Recovery)
5D0Q100	UTC detachment Error during Initialize	1. Open the upper unit2. Check GS010 Sensor Dark/Light Status3. Check UTC(6) installation condition
5D0Q200	TSK detachment Error during Initialize	1. Open the upper unit2. Check GS015 Sensor Dark/Light Status3. Check TSK(5) installation condition
5D0Q300	BMU Inter Lock Error during Initialize	1. Check Load/Removal of the upper unit2. Replace a cherry switch when error occurs
5D0Q400	BMU detackment Error during Initialize	1. Check Load/Removal of the upper unit
5D0Q500	Replenishment CST detachment Error during Initialize	1. Check the safe door open
5D0Q600	CSM detackment Error during Initialize	1. Open the upper unit2. Check to open/close CSM3. Check the sensors GS011
5D0Q800	BMD Inter Lock Error during Initialize	1. Check the lower Unit load/removal2. Replace a cherry switch when error occurs
5D0Q900	BMD detachment Error during Initialize	1. Check the lower Unit load/removal
5D0QA00	BC Open Error during Initialize	1. Open the upper unit2. Open the customer service module (CSM)3. Check the lock lever in the BC4. Check GS003 Sensor Dark/Light Status
5D0QR00	OC(Operation Cassette) Open Error during Initialize	1. Set OC(Operation Cassette)2. Perform Initialize
5D0QS00	Receive Error Stop CMD during Initialize	1. Initialize
5D0R100	BM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D0R200	BM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5D0R300	BM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D0SZ00	Receive undefined command during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D12500	Error occurred by notes remained in RC1 GS105 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D16500	Path error on sensor except for transport path in RC1 GS105 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D1G100	RC1 Failure of returning notes (GS101,GS102 Sensors detect no notes) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D1G200	RC1 Failure to move PP to stack position during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (A)4. Open the recycle cassette door(A) 5. Check cassette status to move stage up and down
5D1G400	RC1 Failure to upward moving of PP during RC1 stack roller retreat movement during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (A)4. Open the recycle cassette door(A) 5. Check cassette status to move stage up and down
5D1G500	RC1 Failure to stack roller retreat (GS113 Sensor no change) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D1G600	RC1 Stack Roller retreat position disorder during RC Separation during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D1G700	RC1 Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS107) no change) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D1G800	RC1 Failure to move PP to press position (GS108 Sensor Dark Fail) during Initialize	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(A).4. Check the stage status after open the recycle cassette(A).5. Check the upper side of the recycle cassette
5D1GA00	RC1 Solenoid Echo error during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A) and reload4. Replace the cassette when same error occurs

Problem Code	Problem Description	Troubleshooting
5D1GB00	RC1 Feed Roller homeposition Sensor(GS107) Light detect fail during RC Stack during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D1GC00	RC1 Feed Roller homeposition Sensor(GS107) Dark detect fail during RC Stack during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D1GD00	RC1 GS101,GS102 Detect notes during move RC Feed Roller to homeposition during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D1GE00	RC1 GS108 detect dark before move RC Feed Roller to homeposition during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (A)4. Put down the Stage after open the recycle cassette door (A)5. Remove note.
5D1GF00	RC1 Notes Setting error during initialize (GS114, Bottom Sensor(GS112) both dark) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (A)4. Put down the Stage after open the recycle cassette door (A)5. Remove note.
5D1GG00	RC1 Stack Roller Sensor(GS113) detect light during RC FM Stack during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D1GH00	RC1 Stack Roller Sensor(GS113) detect dark during RC FM Stack during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D1GJ00	RC1 Stack Roller retreat fail (Motor Overrun) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D1GK00	RC1 Stack Roller retreat fail (Motor speed error) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D1GL00	RC1 Feed Roller homeposition fail (Motor speed error) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D1GQ00	RJC Press and Stack position fail during Initialize	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette

Problem Code	Problem Description	Troubleshooting
5D1GR00	RJC Stack position fail during Initialize	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
5D1GS00	RC1 RJC Press position fail during Initialize	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
5D1GT00	RC1 GS151 fail to detect dark when PP moves down during RJC PP Stack during Initialize	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
5D1GU00	RC1 GS151 fail to detect light when PP moves down during RJC PP Stack during Initialize	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
5D1GV00	RC1 GS152 fail to detect dark when PP moves down during RJC PP Stack during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
5D1GW00	RC1 GS151 fail to detect light when PP moves down during RJC initialize during Initialize	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
5D1GX00	RC1 GS101 detects notes during RJC intialize during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D1J100	RJC Full during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
5D1J200	RC1 No Residue during Initialize	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(A).4. Check the notes remain after open the recycle cassette door(A).5. Fill up the Notes if there are no notes
5D1J300	Full,Bottom no detect before move RC1 PP to stack position during Initialize	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(A).4. Check the stage status after open the recycle cassette(A).5. Check contamination of GS111/GS112 sensor.
5D1L100	RC GS101 Remaining notes stack process error during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D1L200	RC GS102 Remaining notes stack process error during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5D1L500	RC GS105 Remaining notes stack process error during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D1LZ00	RC All Sensor Remaining notes stack process error during Initialize	1. Operate to initialize BRM.(Recovery)
5D1R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D1R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D1R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D1R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D1RF00	RC1 Feed Motor response timeout during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D1RP00	RC1 PP response timeout during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D1S200	RC1 Receive undefined command during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D1S300	RC1 Task not for separation receive separation command during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D1SA00	RC1 Sub Task receive undefined command during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D1SR00	RC1 Sub Task for Wait Setting Error during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D22500	Error occurred by notes remained in RC2 GS205 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D26500	Path error on sensor except for transport path in RC2 GS205 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5D2G100	RC2 Failure of returning notes (GS201,GS202 Sensors detect no notes) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D2G200	RC2 Failure to move PP to stack position during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (B)4. Open the recycle cassette door (B)5. Check cassette status to move stage up and down
5D2G400	RC2 Failure to upward moving of PP during RC2 stack roller retreat movement during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (B)4. Open the recycle cassette door (B)5. Check cassette status to move stage up and down
5D2G500	RC2 Failure to stack roller retreat (GS213 Sensor no change) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D2G600	RC2 Stack Roller retreat position disorder during RC Separation during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D2G700	RC2 Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS207) no change) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D2G800	RC2 Failure to move PP to press position (GS208 Sensor Dark Fail) during Initialize	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(B).4. Check the stage status after open the recycle cassette(B).5. Check the upper side of the recycle cassette
5D2GA00	RC2 Solenoid Echo error during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (B) after removing recycle cassette4. Replace the cassette when same error occurs
5D2GB00	RC2 Feed Roller homeposition Sensor(GS207) Light detect fail during RC Stack during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D2GC00	RC2 Feed Roller homeposition Sensor(GS207) Dark detect fail during RC Stack during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D2GD00	RC2 GS201,GS202 Detect notes during move RC Feed Roller to homeposition during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D2GE00	RC2 GS208 detect dark before move RC Feed Roller to homeposition during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note.

Problem Code	Problem Description	Troubleshooting
5D2GF00	RC2 Notes Setting error during initialize (GS214, Bottom Sensor(GS212) both dark) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note.
5D2GG00	RC2 Stack Roller Sensor(GS213) detect light during RC FM Stack during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D2GH00	RC2 Stack Roller Sensor(GS213) detect dark during RC FM Stack during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D2GJ00	RC2 Stack Roller retreat fail (Motor Overrun) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D2GK00	RC2 Stack Roller retreat fail (Motor speed error) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D2GL00	RC2 Feed Roller homeposition fail (Motor speed error) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D2J200	RC2 No Residue during Initialize	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(B).4. Check the notes remain after open the recycle cassette door(B).5. Fill up the Notes if there are no notes
5D2J300	RC2 Full,Bottom no detect before move RC PP to stack position during Initialize	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(B).4. Check the stage status after open the recycle cassette(B).5. Check contamination of GS211/GS212 sensor.
5D2L100	Remaining notes stack process error in RC2 GS201 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D2L200	Remaining notes stack process error in RC2 GS202 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D2L500	Remaining notes stack process error in RC2 GS205 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D2LZ00	Remaining notes stack process error in RC2 All during Initialize	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5D2R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D2R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D2R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D2R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D2RF00	RC2 Feed Motor response timeout during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D2RP00	RC2 PP response timeout during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D2S200	RC2 Receive undefined command during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D2S300	RC2 Task not for separation receive separation command during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D2SA00	RC2 Sub Task receive undefined command during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D2SR00	RC2 Sub Task for Wait Setting Error during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D30100	RC3 GS301 Light Jam during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D30200	RC3 GS302 Light Jam during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D30500	RC3 GS305 Light Jam during Initialize	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(C).4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5D31100	RC3 GS301 Dark Jam during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5D31200	RC3 GS302 Dark Jam during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D31500	RC3 GS305 Dark Jam during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D32100	Error occurred by notes remained in RC3 GS301 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D32200	Error occurred by notes remained in RC3 GS302 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D32500	Error occurred by notes remained in RC3 GS305 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D33100	Sensor auto calibration error in RC3 GS301 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D33200	Sensor auto calibration error in RC3 GS302 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D33500	Sensor auto calibration error in RC3 GS305 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D34100	Extern lights check error in RC3 GS301 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D34200	Extern lights check error in RC3 GS302 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5D34500	Extern lights check error in RC3 GS305 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D35100	Path error on transport path in RC3 GS301 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D35200	Path error on transport path in RC3 GS302 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D35500	Path error on transport path in RC3 GS305 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D36100	Path error on sensor except for transport path in RC3 GS301 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D36200	Path error on sensor except for transport path in RC3 GS302 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D36500	Path error on sensor except for transport path in RC3 GS305 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D37100	Error occurred by the notes disorder in RC3 GS301 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D37200	Error occurred by the notes disorder in RC3 GS302 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D37500	Error occurred by the notes disorder in RC3 GS305 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5D3G100	RC3 Failure of returning notes (GS301,GS302 Sensors detect no notes) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D3G200	RC3 Failure to move PP to stack position during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (C)4. Open the recycle cassette door (C)5. Check cassette status to move stage up and down
5D3G400	RC3 Failure to upward moving of PP during RC3 stack roller retreat movement during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (C)4. Open the recycle cassette door (C)5. Check cassette status to move stage up and down
5D3G500	RC3 Failure to stack roller retreat (GS313 Sensor no change) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D3G600	RC3 Stack Roller retreat position disorder during RC Separation during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D3G700	RC3 RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS307) no change) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D3G800	RC3 Failure to move PP to press position (GS308 Sensor Dark Fail) during Initialize	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(C).4. Check the stage status after open the recycle cassette(C).5. Check the upper side of the recycle cassette
5D3GA00	RC3 RC Solenoid Echo error during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (C) after removing recycle cassette4. Replace the cassette when same error occurs
5D3GB00	RC3 Feed Roller homeposition Sensor(GS307) Light detect fail during RC Stack during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D3GC00	RC3 Feed Roller homeposition Sensor(GS307) Dark detect fail during RC Stack during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D3GD00	RC3 GS301,GS302 Detect notes during move RC Feed Roller to homeposition during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D3GE00	RC3 GS308 detect dark before move RC Feed Roller to homeposition during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note.

Problem Code	Problem Description	Troubleshooting
5D3GF00	RC3 Notes Setting error during initialize (GS314, Bottom Sensor(GS312) both dark) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note.
5D3GG00	RC3 Stack Roller Sensor(GS313) detect light during RC FM Stack during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D3GH00	RC3 Stack Roller Sensor(GS313) detect dark during RC FM Stack during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D3GJ00	RC3 RC Stack Roller retreat fail (Motor Overrun) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D3GK00	RC3 RC Stack Roller retreat fail (Motor speed error) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D3GL00	RC3 RC Feed Roller homeposition fail (Motor speed error) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D3J200	RC3 No Residue during Initialize	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(C).4. Check the notes remain after open the recycle cassette door(C).5. Fill up the Notes if there are no notes
5D3J300	RC3 Full,Bottom no detect before move RC PP to stack position during Initialize	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(C).4. Check the stage status after open the recycle cassette(C).5. Check contamination of GS311/GS312 sensor.
5D3L100	Remaining notes stack process error in RC3 GS301 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D3L200	Remaining notes stack process error in RC3 GS302 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D3L500	Remaining notes stack process error in RC3 GS305 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D3LZ00	Remaining notes stack process error in RC3 All during Initialize	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5D3R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D3R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D3R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D3R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D3RF00	RC3 Feed Motor response timeout during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D3RP00	RC3 PP response timeout during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D3S200	RC3 Receive undefined command during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D3S300	RC3 RC Task not for separation receive separation command during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D3SA00	RC3 RC Sub Task receive undefined command during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D3SR00	RC3 Sub Task for Wait Setting Error during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D40100	RC4 GS401 Light Jam during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D40200	RC4 GS402 Light Jam during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D40500	RC4 GS405 Light Jam during Initialize	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(D).4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5D41100	RC4 GS401 Dark Jam during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5D41200	RC4 GS402 Dark Jam during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D41500	RC4 GS405 Dark Jam during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D42100	Error occurred by notes remained in RC4 GS401 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D42200	Error occurred by notes remained in RC4 GS402 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D42500	Error occurred by notes remained in RC4 GS405 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D43100	Sensor auto calibration error in RC4 GS401 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D43200	Sensor auto calibration error in RC4 GS402 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D43500	Sensor auto calibration error in RC4 GS405 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D44100	Extern lights check error in RC4 GS401 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D44200	Extern lights check error in RC4 GS402 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5D44500	Extern lights check error in RC4 GS405 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D45100	Path error on transport path in RC4 GS401 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D45200	Path error on transport path in RC4 GS402 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D45500	Path error on transport path in RC4 GS405 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D46100	Path error on sensor except for transport path in RC4 GS401 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D46200	Path error on sensor except for transport path in RC4 GS402 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D46500	Path error on sensor except for transport path in RC4 GS405 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D47100	Error occurred by the notes disorder in RC4 GS401 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D47200	Error occurred by the notes disorder in RC4 GS402 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D47500	Error occurred by the notes disorder in RC4 GS405 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5D4G100	RC4 Failure of returning notes (GS401,GS402 Sensors detect no notes) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D4G200	RC4 Failure to move PP to stack position during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (D)4. Open the recycle cassette door (D)5. Check cassette status to move stage up and down
5D4G400	RC4 Failure to upward moving of PP during RC4 stack roller retreat movement during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (D)4. Open the recycle cassette door (D)5. Check cassette status to move stage up and down
5D4G500	RC4 Failure to stack roller retreat (GS413 Sensor no change) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D4G600	RC4 Stack Roller retreat position disorder during RC Separation during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D4G700	RC4 RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS407) no change) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D4G800	RC4 Failure to move PP to press position (GS408 Sensor Dark Fail) during Initialize	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(D).4. Check the stage status after open the recycle cassette(D).5. Check the upper side of the recycle cassette
5D4GA00	RC4 RC Solenoid Echo error during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (D) after removing recycle cassette4. Replace the cassette when same error occurs
5D4GB00	RC4 Feed Roller homeposition Sensor(GS407) Light detect fail during RC Stack during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D4GC00	RC4 Feed Roller homeposition Sensor(GS407) Dark detect fail during RC Stack during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D4GD00	RC4 GS401,GS402 Detect notes during move RC Feed Roller to homeposition during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D4GE00	RC4 GS408 detect dark before move RC Feed Roller to homeposition during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note.

Problem Code	Problem Description	Troubleshooting
5D4GF00	RC4 Notes Setting error during initialize (GS414, Bottom Sensor(GS412) both dark) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note.
5D4GG00	RC4 Stack Roller Sensor(GS413) detect light during RC FM Stack during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D4GH00	RC4 Stack Roller Sensor(GS413) detect dark during RC FM Stack during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D4GJ00	RC4 RC Stack Roller retreat fail (Motor Overrun) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D4GK00	RC4 RC Stack Roller retreat fail (Motor speed error) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D4GL00	RC4 RC Feed Roller homeposition fail (Motor speed error) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D4J200	RC4 No Residue during Initialize	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(D).4. Check the notes remain after open the recycle cassette door(D)5. Fill up the Notes if there are no notes
5D4J300	RC4 Full,Bottom no detect before move RC PP to stack position	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(D).4. Check the stage status after open the recycle cassette(D).5. Check contamination of GS411/GS412 sensor.
5D4L100	Remaining notes stack process error in RC4 GS401 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D4L200	Remaining notes stack process error in RC4 GS402 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D4L500	Remaining notes stack process error in RC4 GS405 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D4LZ00	Remaining notes stack process error in RC4 All during Initialize	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5D4R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D4R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D4R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D4R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D4RF00	RC4 Feed Motor response timeout during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D4RP00	RC4 PP response timeout during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D4S200	RC4 Receive undefined command during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D4S300	RC4 RC Task not for separation receive separation command during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D4SA00	RC4 RC Sub Task receive undefined command during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D4SR00	RC4 Sub Task for Wait Setting Error during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D50100	RC5 GS501 Light Jam during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D50200	RC5 GS502 Light Jam during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D50500	RC5 GS505 Light Jam during Initialize	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(E).4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5D51100	RC5 GS501 Dark Jam during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5D51200	RC5 GS502 Dark Jam during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D51500	RC5 GS505 Dark Jam during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D52100	Error occurred by notes remained in RC5 GS501 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D52200	Error occurred by notes remained in RC5 GS502 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D52500	Error occurred by notes remained in RC5 GS505 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D53100	Sensor auto calibration error in RC5 GS501 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D53200	Sensor auto calibration error in RC5 GS502 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D53500	Sensor auto calibration error in RC5 GS505 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D54100	Extern lights check error in RC5 GS501 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D54200	Extern lights check error in RC5 GS502 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5D54500	Extern lights check error in RC5 GS505 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D55100	Path error on transport path in RC5 GS501 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D55200	Path error on transport path in RC5 GS502 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D55500	Path error on transport path in RC5 GS505 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D56100	Path error on sensor except for transport path in RC5 GS501 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D56200	Path error on sensor except for transport path in RC5 GS502 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D56500	Path error on sensor except for transport path in RC5 GS505 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D57100	Error occurred by the notes disorder in RC5 GS501 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D57200	Error occurred by the notes disorder in RC5 GS502 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D57500	Error occurred by the notes disorder in RC5 GS505 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5D5G100	RC5 Failure of returning notes (GS501,GS502 Sensors detect no notes) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D5G200	RC5 Failure to move PP to stack position during Initialize	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(E). 4. Open the recycle cassette door(E).5. Check cassette status to move stage up and down.
5D5G400	RC5 Failure to upward moving of PP during RC5 stack roller retreat movement during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (E)4. Open the recycle cassette door (E)5. Check cassette status to move stage up and down
5D5G500	RC5 Failure to stack roller retreat (GS513 Sensor no change) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D5G600	RC5 Stack Roller retreat position disorder during RC Separation during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D5G700	RC5 Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS507) no change) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D5G800	RC5 Failure to move PP to press position (GS508 Sensor Dark Fail) during Initialize	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(E).4. Check the stage status after open the recycle cassette(E).5. Check the upper side of the recycle cassette
5D5GA00	RC5 Solenoid Echo error during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (E) after removing recycle cassette4. Replace the cassette when same error occurs
5D5GB00	RC5 Feed Roller homeposition Sensor(GS507) Light detect fail during RC Stack during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D5GC00	RC5 Feed Roller homeposition Sensor(GS507) Dark detect fail during RC Stack during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D5GD00	RC5 GS501,GS502 Detect notes during move RC Feed Roller to homeposition during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D5GE00	RC5 GS508 detect dark before move RC Feed Roller to homeposition during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note.

Problem Code	Problem Description	Troubleshooting
5D5GF00	RC5 Notes Setting error during initialize (GS514, Bottom Sensor(GS512) both dark) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note.
5D5GG00	RC5 Stack Roller Sensor(GS513) detect light during RC FM Stack during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D5GH00	RC5 Stack Roller Sensor(GS513) detect dark during RC FM Stack during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D5GJ00	RC5 Stack Roller retreat fail (Motor Overrun) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D5GK00	RC5 Stack Roller retreat fail (Motor speed error) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D5GL00	RC5 Feed Roller homeposition fail (Motor speed error) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5D5J200	RC5 No Residue during Initialize	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(E).4. Check the notes remain after open the recycle cassette door(E)5. Fill up the Notes if there are no notes
5D5J300	RC5 Full,Bottom no detect before move RC PP to stack position during Initialize	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(E).4. Check the stage status after open the recycle cassette(E).5. Check contamination of GS511/GS512 sensor.
5D5L100	Remaining notes stack process error in RC5 GS501 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D5L200	Remaining notes stack process error in RC5 GS502 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D5L500	Remaining notes stack process error in RC5 GS505 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5D5LZ00	Remaining notes stack process error in RC5 All during Initialize	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5D5R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D5R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D5R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D5R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D5RF00	RC5 Feed Motor response timeout during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D5RP00	RC5 PP response timeout during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D5S200	RC5 Receive undefined command during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D5S300	RC5 Task not for separation receive separation command during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D5SA00	RC5 Sub Task receive undefined command during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D5SR00	RC5 Sub Task for Wait Setting Error during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D61H00	GS618/619 Dark Jam error during Initialize.	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5D62100	CSM Residue Error during Initialize	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5D62200	CSM No separation notes Error during Initialize	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5D62300	CSM insert notes excess Error during Initialize	1. Operate to initialize BRM(Recovery)2. Check inserting notes into the CSM are over 300 counts at one time3. If BRM does not recover open the outer/inner Shutter of CSM3.Remove notes and substance in the CSM(1)

Problem Code	Problem Description	Troubleshooting
5D62500	CSM notes disappear Error during Initialize	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5D62600	CSM notes appear Error during Initialize	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5D62700	CSM notes drop Error during Initialize	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5D62Z00	CSM Residue Error during Initialize	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5D6G100	Fail to move CSM BP to Stack Position during Initialize	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
5D6G200	Fail to move CSM BP to Deposit Position during Initialize	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
5D6G300	Fail to move CSM BP to Separation Position during Initialize	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
5D6G500	Fail to move CSM BP to Note-Out Position during Initialize	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
5D6G600	Fail to move CSM P-Roller to Home position during Initialize	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
5D6G800	Fail to CSM return notes during Initialize	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
5D6G900	CSM GM601 Step out during Initialize	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
5D6GA00	Fail to move CSM BP to return note Position during Initialize	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
5D6GB00	Fail to move CSM FP to Deposit Position during Initialize	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Press and release FP check the FP rotate smoothly5. Check GS652 status(Dark & Light)

Problem Code	Problem Description	Troubleshooting
5D6GD00	Fail to move CSM Lift to Up position during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM) shutter(1)3.Check the notes and substance inside of the CSM
5D6GE00	Fail to move CSM Lift to Down position during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM) shutter(1)3.Check the notes and substance inside of the CSM
5D6GF00	Fail to move CSM G-Roller to Homeposition during Initialize	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
5D6GG00	Fail to move both CSM P/G-Roller to Homeposition during Initialize	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
5D6M200	CSM Inner Shutter Open Error during Initialize	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
5D6M300	CSM Inner Shutter Close Error during Initialize	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
5D6M400	CSM Outer Shutter Open Error during Initialize	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
5D6M500	CSM Outer Shutter Close Error during Initialize	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
5D6M600	CSM Outer Shutter is Opened during Initialize	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
5D6M700	CSM Inner Shutter Open during Stack during Initialize	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
5D6M800	CSM Stopper Home position Fail during Initialize	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move PP Front5. Move Bill Stopper forward/backward and check GS668 sensor status6. Initialize
5D6M900	CSM Stopper Stack position Fail during Initialize	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move PP Front5. Move Bill Stopper forward/backward and check GS668 sensor status6. Initialize
5D6MB00	CSM Bill Supporter Up position Fail during Initialize	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Check the failure and breakage of Bill Lifter/Support5. Initialize

Problem Code	Problem Description	Troubleshooting
5D6MC00	CSM Bill Supporter Down position Fail during Initialize	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Check the failure and breakage of Bill Lifter/Support5. Initialize
5D6P100	CSM PP Withdrawal(Stack) position Fail during Initialize	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5D6P200	CSM PP Deposit position Fail during Initialize	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5D6P300	CSM PP Separation position Fail during Initialize	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5D6P400	CSM PP collect lost notes position Fail during Initialize	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5D6P500	CSM PP Note-out position Fail during Initialize	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5D6P600	CSM PP Note-arrange position Fail during Initialize	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5D6P800	CSM PP Control Stack Fail during Initialize	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5D6P900	CSM PP Return note position Fail during Initialize	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize

Problem Code	Problem Description	Troubleshooting
5D6PD00	CSM PP Check semi-note Fail during Initialize	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5D6PE00	CSM PP Bill SuCSM PPorter Up position Fail during Initialize	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5D6R100	CSM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D6R200	CSM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D6R300	CSM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D6R600	CSM response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D6RB00	CSM BP response timeout during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D6RF00	CSM Feed Motor response timeout during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D6RL00	CSM Lift response timeout during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D6RP00	CSM PP response timeout during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D6RR00	CSM Bill supporter response timeout during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D6RS00	CSM Inner Shutter response timeout during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D6RT00	CSM Stopper response timeout during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D6SA00	CSM Receive undefined command during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5D6SR00	CSM Sub Task for Wait Setting Error during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D70100	TSK GS701 Light Jam during Initialize	1. Open the upper unit2. Open the TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) Transport PATH(4)
5D70200	TSK GS702 Light Jam during Initialize	1. Open the upper unit2. Open the TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) Transport PATH(4)
5D70300	TSK GS703,4 Light Jam during Initialize	1. Open the upper unit2. Open the TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) Transport PATH(4)
5D70Z00	TSK All Light Jam during Initialize	1. Open the upper unit2. Open the TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) Transport PATH(4)
5D71100	TSK GS701 Dark Jam during Initialize	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5D71200	TSK GS702 Dark Jam during Initialize	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5D71300	TSK GS703,4 Dark Jam during Initialize	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5D71Z00	TSK All Dark Jam during Initialize	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5D72100	Error occurred by notes remained in TSK GS701 during Initialize	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5D72200	Error occurred by notes remained in TSK GS702 during Initialize	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5D72300	Error occurred by notes remained in TSK GS703,4 during Initialize	1. Open the upper unit2. Check the notes remain in the TSK(5)3. Check the GS701/GS702/GS706/GS707 Sensor4. Remove notes remain in the TSK
5D72Z00	Error occurred by notes remained in TSK All Sensor during Initialize	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5D77100	Error occurred by the notes disorder in TSK GS701 during Initialize	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)

Problem Code	Problem Description	Troubleshooting
5D77200	Error occurred by the notes disorder in TSK GS702 during Initialize	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5D77300	Error occurred by the notes disorder in TSK GS703,4 during Initialize	1. Open the upper unit2. Check the notes remain in the TSK(5)3. Check the GS701/GS702/GS706/GS707 Sensor4. Remove notes remain in the TSK
5D77Z00	Error occurred by the notes disorder in TSK All during Initialize	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5D7B200	Note detected in TSK Entry After Separate Ready during Initialize	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5D7C100	TSK Miss-pickup during separation during Initialize	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) 4. If the same symptoms occur frequently, change the P-roller rubber
5D7C200	TSK Last note unclear during separation during Initialize	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) 4. Close the upper unit5. Initialize
5D7C300	TSK Last note No front detect during separataion during Initialize	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5D7C400	TSK Last note No rear detect during separataion during Initialize	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5D7C500	TSK Max Length NG occur 10 times Dark Jam during Initialize	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) 4. If the same symptoms occur frequently, change the TSK(5)
5D7C600	TSK Max length note stucked in entry Light Jam during Initialize	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5D7C700	TSK Light Jam Retry Over Error during Initialize	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5D7C800	TSK Max length note go out from TSK during motor stop and stucked in BM during Initialize	1. Open the upper unit2. Open the TSK(Temporary StackKer) (5)3. Remove notes and substance on the PATH(4)
5D7C900	TSK Low speed control 30 times over Error during Initialize	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) 4. If the same symptoms occur frequently, change the TSK(5)
5D7CA00	TSK Incounted note is not Outcounted for 500ms during Initialize	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)

Problem Code	Problem Description	Troubleshooting
5D7F100	TSK GM701 stepout during separation during Initialize	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5) 6. Rotate the knob of TSK(5) to find obstruction out
5D7F300	TSK GM701 F-Roller Homeposition fail during Initialize	1. Open the upper unit2. Open the TM(Test Module)3. Rotate the knob of TSK to check sensor(GS752) change 4. Rotate the knob of TSK(5) to find obstruction out
5D7G100	GM701 Return notes fail during Initialize	1. Open the upper unit2. Confirm to Rotate a knob of TSK(5) softly
5D7J100	TSK Full during Initialize	1. Open the upper unit2. Open the TSK(5)3. Check the notes remain in the TSK(5)4. Remove notes remain in the TSK
5D7J200	TSK Empty during ready separation during Initialize	1. Open the upper unit2. Check the notes remain in the TSK(5)3. Check the GS701/GS702/GS706/GS707 Sensor4. Remove notes remain in the TSK
5D7L100	Remaining notes stack process error in TSK GS701 during Initialize	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5D7L200	Remaining notes stack process error in TSK GS702 during Initialize	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5D7L300	Remaining notes stack process error in TSK GS703,4 during Initialize	1. Open the upper unit2. Check the notes remain in the TSK(5)3. Check the GS701/GS702/GS706/GS707 Sensor4. Remove notes remain in the TSK
5D7LZ00	Remaining notes stack process error in TSK All during Initialize	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5D7M100	TSK Stopper Home position for intialize fail during Initialize	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Check if stopper was obstructed
5D7M200	TSK Stopper Stack position for intialize fail during Initialize	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Check if stopper was obstructed
5D7M300	TSK Stopper Return note position for intialize fail during Initialize	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Check if stopper was obstructed
5D7M400	TSK Stopper Lock FP Fail during Initialize	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Check if FP(Front Plate) was obstructed
5D7M500	TSK Stopper Unlock FP Fail during Initialize	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Check if FP(Front Plate) was obstructed
5D7P100	FP Sensor detect Dark Fail during Initialize	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Check if PP(Push Plate) was obstructed to rotate PP knob4. Check if FP(Front Plate) was obstructed to rotate
5D7P200	FP Sensor detect Light Fail during Initialize	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Check if PP(Push Plate) was obstructed to rotate PP knob4. Check if FP(Front Plate) was obstructed to rotate

Problem Code	Problem Description	Troubleshooting
5D7P300	PP Press position fail during Initialize	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if PP(Push Plate) was obstructed to rotate PP knob
5D7Q700	TSK Door Open during operation in Initialize	1. Close the door of TSK(5)
5D7Q800	TSK Door Lock fail during operation in Initialize	1. Operate to initialize BRM(Recovery)2. Retry the operation.
5D7Q900	TSK Door Release fail during operation in Initialize	1. Operate to initialize BRM(Recovery)2. Retry the operation.
5D7R100	TSK response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D7R200	TSK response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D7R300	TSK response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D7R600	TSK response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D7RF00	TSK Feed Motor response timeout in Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D7RP00	TSK PP response timeout in Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D7RT00	TSK Stopper response timeout in Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D7S200	TSK Receive undefined command in Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D7SR00	TSK Sub Task for Wait Setting Error in Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D8HA01	GS801A Sensor Error during Initialize	1. Check GS801A2. Operate to initialize BRM(Recovery)
5D8HA02	GS801B Sensor Error during Initialize	1. Check GS801B2. Operate to initialize BRM(Recovery)
5D8HA03	GS801A, GS801B Sensor Error during Initialize	1. Check GS801A, GS801B2. Operate to initialize BRM(Recovery)
5D8HA04	GS802A Sensor Error during Initialize	1. Check GS802A2. Operate to initialize BRM(Recovery)
5D8HA05	GS801A, GS802A Sensor Error during Initialize	1. Check GS801A, GS802A2. Operate to initialize BRM(Recovery)
5D8HA06	GS801B, GS802A Sensor Error during Initialize	1. Check GS801B, GS802A2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5D8HA07	GS801A, GS801B, GS802A Sensor Error during Initialize	1. Check GS801A, GS801B, GS802A2. Operate to initialize BRM(Recovery)
5D8HA08	GS802B Sensor Error during Initialize	1. Check GS802B2. Operate to initialize BRM(Recovery)
5D8HA09	GS801A, GS802B Sensor Error during Initialize	1. Check GS801A, GS802B2. Operate to initialize BRM(Recovery)
5D8HA10	GS801B, GS802B Sensor Error during Initialize	1. Check GS801B, GS802B2. Operate to initialize BRM(Recovery)
5D8HA11	GS801A, GS801B, GS802B Sensor Error during Initialize	1. Check GS801A, GS801B, GS802B2. Operate to initialize BRM(Recovery)
5D8HA12	GS802A, GS802B Sensor Error during Initialize	1. Check GS802A, GS802B2. Operate to initialize BRM(Recovery)
5D8HA13	GS801A, GS802A, GS802B Sensor Error during Initialize	1. Check GS801A, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5D8HA14	GS801B, GS802A, GS802B Sensor Error during Initialize	1. Check GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5D8HA15	GS801A, GS801B, GS802A, GS802B Sensor Error during Initialize	1. Check GS801A, GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5D8HB01	MR Sensor Level Error during Initialize	1. Check MR Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5D8HC02	UV_01 Sensor Level Error during Initialize	1. Check UV Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5D8HF03	CIS Shading data loading Fail during Initialize	1. Operate shading in the BC CIS2. Operate to initialize BRM(Recovery)
5D8HF04	Detection DB Table loading Fail during Initialize	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5D8HF05	BC FPGA Data checksum Fail during Initialize	1. Check to BC FPGA File2. Operate to initialize BRM(Recovery)
5D8HF06	BC FPGA Configuration Fail during Initialize	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5D8HF07	BC FPGA Header Information Loading Fail during Initialize	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5D8HF08	BC FPGA Initialize Fail during Initialize	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5D8HF09	BC FPGA VERSION Fail during Initialize	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5D8HF11	Detection DB #01 loading Fail during Initialize	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5D8HF12	Detection DB #02 loading Fail during Initialize	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5D8HF13	Detection DB #03 loading Fail during Initialize	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5D8HF14	Detection DB #04 loading Fail during Initialize	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5D8HF15	Detection DB #05 loading Fail during Initialize	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5D8HF16	Detection DB #06 loading Fail during Initialize	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5D8HF17	Detection DB #07 loading Fail during Initialize	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5D8HF18	Detection DB #08 loading Fail during Initialize	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5D8HF19	Detection DB #09 loading Fail during Initialize	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5D8HF20	Detection DB #10 loading Fail during Initialize	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5D8HG01	Mode Set Error When Receive BC MODE Command (Mode Value is not 1 or 2 ) during Initialize	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5D8HG02	Detection Level Set Error When Receive BC MODE Command (Detection Level Value is 0 ) during Initialize	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5D8HG03	BC Transaction Ready Fail When Receive BC READY Command during Initialize	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5D8HG04	Mode Set Error When Receive BC READY Command (Mode Value is not 1 or 2 ) during Initialize	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5D8HG05	Detection Level Set Error When Receive BC READY Command (Detection Level Value is 0 ) during Initialize	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5D8HG06	BC Entry Direction Set Error When Receive BC READY Command (Not Deposit-Withdrawal/Stack Direction ) during Initialize	1. Check BC putting direction.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5D8HG07	Receive BC Unknown Command during Initialize	1. Check BC reception full command.1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization.
5D8HG08	The Number of Nations Set Error When Receive BC DATA WRITE Command (Over 0, 10) during Initialize	1. Check the number of supported country.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5D8HG09	Nation Code Set Error When Receive BC DATA WRITE Command during Initialize	1. Check the supported country code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5D8HG10	Detection DB of the Nation is not exist When Receive BC DATA WRITE Command during Initialize	1. Check the BC recognition DB of country.2. Download DB again after deleting all recognition DB3. Operate to initialize BRM(Recovery)4. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5D8HG11	No Nation Code When Receive BC READY Command during Initialize	1. Check the country setting value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5D8HG12	BC Version Value Set Error When Receive BC DATA WRITE Command (Not BC FPGA) during Initialize	1. Check the BC specifications devision and BC FPGA specifications.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization
5D8HG20	Fail to Initialize CIS When Receive BC READY Command during Initialize	1. Operate to initialize BRM(Recovery)2. Check CIS part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5D8HG21	Fail to ENCODER POWER ON When Receive BC READY Command during Initialize	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5D8HG22	Fail to adjust DD Sensor DAC When Receive BC READY Command during Initialize	1. Operate to initialize BRM(Recovery)2. Check whether the sensor is contaminated or not if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5D8HG23	DD Sensor DAC Set Error When Receive BC READY Command during Initialize	1. Operate to initialize BRM(Recovery)2. Check DD sensor part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5D8HG24	ENCODER Mode Set Error When Receive BC READY Command during Initialize	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance
5D8HG30	Counterfeit Note List CRC Error When Receive BC SERIAL NO Command during Initialize	1. Check the forged notes list CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5D8HG31	Not Receive The Number of Counterfeit Note Lists and CRC When Receive BC SERIAL NO Command during Initialize	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5D8HG32	Over The Number of Counterfeit Note Lists When Receive BC SERIAL NO Command (Over 200) during Initialize	1. Check the whole number of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5D8HG33	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Nation Code 0) during Initialize	1. Check the country code of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5D8HG34	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Length Over 2~29) during Initialize	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5D8HG36	Note Number Detection Mode Set Error When Receive BC MODE Command (Mode Value is Not 0, 1, 2) during Initialize	1. Check to the recognized mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5D8HG37	Transaction Classification Set Error When Receive BC MODE Command (Classification Value is Not 0, 1, 2) during Initialize	1. Check to the transaction setting.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.

Problem Code	Problem Description	Troubleshooting
5D8HG38	Counterfeit Note List Search Classification Set Error When Receive BC SERIAL NO Command 위조지폐 목록 검색 구분 설정 오류 (Classification Value is Not 1, 2, 3 ) during Initialize	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5D8HG39	Counterfeit Note List Note Number Set Error When Receive BC SERIAL NO Command (Use '*' When Search Note Number Part) during Initialize	1. Check the forged notes list's note numbers.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5D8HG3A	BC MODE SET Bill Management Level Set Error (Over 1~5) during Initialize	1. Check check management mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5D8HG3B	Over The Number of BC MODE SET Back Codes (Over 15) during Initialize	1. Check the number of check issued by our bank code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5D8HG40	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use End Number at First When Search Note Number Part) during Initialize	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5D8HG41	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use Start Number at Last When Search Note Number Part) during Initialize	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5D8HG42	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Wrong Start/End Number Order When Search Note Number Part) during Initialize	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5D8HG43	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Use Wrong Length Value When Search Note Number Part) during Initialize	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5D8HG44	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Use Wrong Nation Code When Search Note Number Part) during Initialize	1. Check the forged notes list's country-code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5D8HG45	Not Receive The Number of Bill Number Tables and CRC When Receive Check No Write Command during Initialize	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5D8HG46	Bill Number Error When Receive Check No Write Command during Initialize	1. Check the check number when registering check number.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5D8HG47	Bill Number Table Length Set Error When Receive Check No Write Command (Length Over 0~50) during Initialize	1. Check check number table's length.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5D8HG48	Bill Number Table CRC Error When Receive Check No Write Command during Initialize	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5D8HG49	Over The Number of Bill Number Tables When Receive Check No Write Command (Over 5) during Initialize	1. Check check total number of tables.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5D8HH01	Fail to Delete NAND FLASH during Initialize	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5D8HH02	NAND FLASH Delete BLOCK Set Error When Download Detection DB during Initialize	1. Download DB again after checking recognition DB's delete index.2. Operate to initialize BRM(Recovery)
5D8HH03	Fail to Download Detection DB during Initialize	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5D8HH04	NAND FLASH Download BLOCK Set Error When Download Detection DB during Initialize	1. Download DB again after checking recognition DB's index.2. Operate to initialize BRM(Recovery)
5D8HH05	Detection DB Download File Check Error during Initialize	1. Download DB again after checking recognition DB file.2. Operate to initialize BRM(Recovery)
5D8HH06	Detection DB Download File Size Error during Initialize	1. Download DB again after checking recognition DB download file.2. Operate to initialize BRM(Recovery)
5D8HH07	DB Table Save Error After Download Detection DB during Initialize	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5D8HH08	Over Detection DB Download (Over 10) during Initialize	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5D8HH09	Detection DB Header Information Error during Initialize	1. Download DB again after deleting recognition DB.2. Operate to initialize BRM(Recovery)
5D8HH10	EP Download Fail during Initialize	1. Re-download BC EP.2. Change the BC B/D if continuous error.
5D8HH11	EP Downlaod Check Error during Initialize	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5D8HH12	EP Download File Size Error during Initialize	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5D8HH13	EP Download File ID Error (Not EPAP/EPBT/EPFP) during Initialize	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5D8HH14	BC FPGA Download Fail during Initialize	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
5D8HH15	Header Information Save Error After BC FPGA Download during Initialize	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
5D8HH16	Not Provide BC FPGA Download during Initialize	1. Check BC FPGA VERSION.2. Change the BC B/D if continuous error.
5D8HH17	EEPROM READ/WRITE Error during Initialize	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
5D8HH18	Receive Unit Serial Number Undefined Option during Initialize	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
5D8HH19	Receive USB Undefined Command during Initialize	1. Check USB Command from BC and retry the operation2. Check BC version and Update EP3. Change the BC B/D if continuous error.
5D8HH20	No BC Process Note When Receive Image Upload Command during Initialize	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.

Problem Code	Problem Description	Troubleshooting
5D8HH21	FC1 Set Error When Receive Image Upload Command during Initialize	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5D8HH22	BC is Processing Note When Receive Image Upload Command during Initialize	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5D8HH23	FC2 Set Error When Receive Image Upload Command during Initialize	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5D8HH24	Not Provide Total Image Upload Function during Initialize	1. Check if SP or TM is out of date.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5D8HH25	Not Provide Note Number Detection Image Upload Function during Initialize	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5D8HH26	FC2 Set Error When Receive Image Information Upload Command during Initialize	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5D8HH27	BRM Transaction Mode is Not Same with Image Upload Command Mode during Initialize	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5D8HH28	BRM Transaction Mode is Not Same with Replenishment/Collect Cash Image Upload Command Mode during Initialize	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5D8HH29	No BC Process Note When Receive Replenishment/Collect Cash Image Upload Command during Initialize	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5D8HH2A	FC1 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Initialize	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5D8HH2B	BC is Processing Note When Receive Replenishment/Collect Cash Image Upload Command during Initialize	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5D8HH2C	FC2 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Initialize	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5D8HH2D	Not Provide Replenishment/Collect Cash Image Upload Function during Initialize	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5D8HH2E	Note Image Upload Index is Not Same When Receive Replenishment/Collect Cash Image Upload Command during Initialize	1. Get BC log and image.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5D8HI01	RecogTask Messeage Timeout Error during Initialize	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5D8HI02	ScanTask Messeage Timeout Error during Initialize	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5D8HI03	UartTask Messeage Timeout Error during Initialize	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5D8HI04	BcUsbTask Messeage Timeout Error during Initialize	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5D8HJ01	Algorithm Initialize Fail during Initialize	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5D8HJ02	Algorithm Ready Fail during Initialize	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5D8HJ03	Algorithm Information Set Error during Initialize	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5D8HK01	Table CRC Error When Set Poly-Note Withdrawal Information during Initialize	1. Retry the operation
5D8HK02	CST Note Information Set Number Error When Set Poly-Note Withdrawal Information (n is 0 or over 256) during Initialize	1. Check the number of CST Setting notes info
5D8HK03	Withdrawal Note Number Set Error When Set Poly-Note Withdrawal Information ( n is 0 or over 3000) during Initialize	1. Check Withdrawal notes setting
5D8HK04	Note Information (Not CST Set Note) is Set in Withdrawal Note Information When Set Poly-Note Withdrawal Information during Initialize	1. Check Withdrawal notes info
5D8HS01	FPGA Write Data Error When Initialize Scan Driver during Initialize	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5D8HS02	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver during Initialize	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5D8HS03	Fail to Set CIS Led On Value When Initialize Scan Driver during Initialize	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5D8HS04	Fail to Set Source of Scan Light When Initialize Scan Driver during Initialize	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5D8HS05	Not Process Shading When Initialize Scan Driver during Initialize	1. Perform CiS Shading.2. Operate to initialize BRM(Recovery)
5D8HS08	Fail to Set DAC When Initialize Scan Driver during Initialize	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5D8HS11	FPGA Write Data Error When BC Ready during Initialize	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5D8HS12	Fail to Power On When BC Ready Sensor(MR/UV/DD/Encoder/Entry Sensor) during Initialize	1. Retry the operation.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5D8HS13	Fail to Set CIS Led On Value When BC Ready during Initialize	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5D8HS14	Fail to Set Source of Scan Ligh When BC Ready during Initialize	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5D8HS15	Not Process Shading When BC Ready during Initialize	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5D8HS17	Fail to Set AFE Chip When BC Ready during Initialize	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5D8HS18	Fail to Set DAC When BC Ready during Initialize	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5D8HS19	MR/UV/DD Sampling Start Error When BC Ready during Initialize	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5D8HS1A	Fail to Set 2-Notes DAC When BC Ready during Initialize	1. Check whether double notes sensor is contaminate or not.2. Check whether double notes sensor is connected.3. Retry the operation.4. Change the BC if continuous error.
5D8HS1B	2-Notes to 1-Note Adjust Information Error When BC Ready during Initialize	1. Perform calibration info about double notes or one note.2. Operate to initialize BRM(Recovery)
5D8HS22	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver When Stop BC during Initialize	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5D8HS28	Fail to Set DAC When Stop BC during Initialize	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5D8HS29	MR/UV/DD Sampling Stop Error When Stop BC during Initialize	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5D8HS31	BC Ready Fail When Process CIS Shading – Use in Plant during Initialize	1. Perform calibration info about double notes or one note and double notes DAC2. Retry the operation
5D8HS32	Dark Adjust Fail When Process CIS Shading – Use in Plant during Initialize	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Change CIS and Cable5. Change BC
5D8HS33	Over Target Gap When Process CIS Shading Shading – Use in Plant during Initialize	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
5D8HS34	Fail to Write Result Value Flash When Process CIS Shading – Use in Plant during Initialize	1. Retry the operation2. Change BC
5D8HS35	BC Stop Fail When Process CIS Shading – Use in Plant during Initialize	1. Retry the operation2. Change BC
5D8HS36	Over 10Pixel-Excess-Image When Process CIS Shading during Initialize	1. Retry the operation2. Check CIS note quility and setting status3. Check CIS Connection Status4. Change BC
5D8HS37	Dark Shading Result Value is Standard Over When Process CIS Shading during Initialize	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Retry the operation5. Change BC
5D8HS38	Max Ontime Ove When Process CIS Shadngr – Use in Plant during Initialize	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC

Problem Code	Problem Description	Troubleshooting
5D8HS39	Fail to Set Source of Shading Light When Process CIS Shading – Use in Plant during Initialize	1. Retry the operation2. Change BC
5D8HS41	Fail to Adjust 2-Notes DAC (Less Than MIN) – Use in Plant during Initialize	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the operation4. Change BC
5D8HS42	Fail to Adjust 2-Notes DAC (Over MAX) – Use in Plant during Initialize	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the operation4. Change BC
5D8HS43	2-Notes Adjust Flash Write Fail – Use in Plant during Initialize	1. Retry the operation2. Change BC
5D8R100	BC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D8R200	BC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D8R300	BC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D8R600	BC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D8S100	BCU response MI error during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D8S200	BCU response BCC error during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D8S300	BCU response Sub MI error during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D8S400	BCU response Parameter error during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5D8S900	BCU response Timeout Error during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5DA2100	Error occurred by notes remained in GS801 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5DA2200	Error occurred by notes remained in GS002 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5DA2300	Error occurred by notes remained in GS003 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5DA2400	Error occurred by notes remained in GS004 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5DA2500	Error occurred by notes remained in GS005 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5DA2600	Error occurred by notes remained in GS006 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5DA2700	Error occurred by notes remained in GS014 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5DA2800	Error occurred by notes remained in GS018 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5DA2900	Error occurred by notes remained in GS020 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5DA2A00	Error occurred by notes remained in GS021 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5DA2C00	Error occurred by the notes remained in the BCU(CIS Sensor or DD Sensor) during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5DA2E00	Error occurred by notes remained in GS001 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5DA2H00	Error occurred by notes remained in GS618 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5DA2J00	Error occurred by notes remained in GS619 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5DA2K00	Error occurred by notes remained in GS701,702 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5DA2M00	Error occurred by notes remained in GSA01 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5DA2N00	Error occurred by notes remained in GSA02 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5DA2P00	Error occurred by notes remained in GSA03 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5DA2Q00	Error occurred by notes remained in GSD01 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5DA2W00	Error occurred by notes remained in GS802 during Initialize	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5DA2Z00	CSM and TSK notes remains semi OK when Initialize	1. Open the upper unit2. Open the CSM outer/inner shutter open3. Remove notes and substance in the CSM(1)4. Open TSK Door5. Remove notes and substance in the TSK(5)6. Reinstall the upper unit
5DAA100	UTC open Error before operation Initialize	1. Open the upper unit. 2. Check the UTC removal and reinstallation
5DAA200	TSK open Error before operation Initialize	1. Open the upper unit. 2. Check the TSK open and close
5DAA300	BMU Inter Lock Error before operation Initialize	1. Check BMU open and close
5DAA400	BMU open Error before operation Initialize	1. Check BMU open and close

Problem Code	Problem Description	Troubleshooting
5DAA500	Replenishment CST open Error before operation Initialize	1. Check the Transit CST installation
5DAA600	CSM open Error before operation Initialize	1. Open the upper unit. 2. Check CSM Open/Close
5DAA800	BMD Inter Lock Error before operation Initialize	1. Open the lower unit. 2. Check the BMD open and close
5DAA900	BMD open Error before operation Initialize	1. Open the lower unit. 2. Check the BMD open and close
5DAAA00	BC Open Error before operation Initialize	1. Open the upper unit. 2. Check BC Open/Close
5DAAB00	RC Full Error before operation Initialize	1. Open the lower unit. 2. Check RC Full and remove notes
5DAAC00	RJC Full Error before operation Initialize	1. Open the upper unit. 2. Check RJC Full and remove notes
5DAAD00	UTC Full Error before operation Initialize	1. Open the upper unit. 2. Remove UTC and open the UTC Door3. Remove notes and reinstallation UTC
5DAAE00	RTC Full Error before operation Initialize	1. Open the lower unit. 2. Remove RT/RJC and open the Door3. Remove notes and reinstall RT/RJC
5DAAF00	RC Empty Error before operation Initialize	1. Open the lower unit. 2. Remove RC and open the RC Door, Check the Empty Status3. Reinstall the RC
5DAAG00	Suspected note RC open Error before operation Initialize	1. Open the lower unit. 2. Check the RC removal and reinstall
5DAAH00	Status of BMU loading in the BMU Test Mode before the operation during Initialize	1. Check Load/Removal of the upper unit2. Replace a cherry switch when error occurs
5DAAK00	Status of RTRJC loading in the Test Mode before the operation during Initialize.	1. Open the lower unit2. Open MID Transport(7)3. Check RT/RJC(8) installation condition
5DAAL00	Status of UTC loading in the Test Mode before the operation during Initialize.	1. Open the upper unit2. Check GS010 Sensor Dark/Light Status3. Check UTC(6) installation condition
5DAAM00	Status of DPC loading in the Test Mode before the operation during Initialize.	1. Open the lower unit2. Open MID Transport(7)3. Check DPC(A) installation condition
5DAAN00	Status of RJC loading in the Test Mode before the operation during Initialize.	1. Open the lower unit2. Open MID Transport(7)3. Check RJC(8) installation condition
5DAAP00	RC1 path disorder notes are not removed before Initialize	1. Open the lower Unit2. Open the MID transport3. Remove the RC4. Open the RC Door and down the stage5. Remove Notes stacked in the upper side6. Replace RC if same error occurs during Initialize
5DAAQ00	RC2 path disorder notes are not removed before Initialize	1. Open the lower Unit2. Open the MID transport3. Remove the RC4. Open the RC Door and down the stage5. Remove Notes stacked in the upper side6. Replace RC if same error occurs during Initialize
5DAAR00	RC3 path disorder notes are not removed before Initialize	1. Open the lower Unit2. Open the MID transport3. Remove the RC4. Open the RC Door and down the stage5. Remove Notes stacked in the upper side6. Replace RC if same error occurs during Initialize

Problem Code	Problem Description	Troubleshooting
5DAAS00	RC4 path disorder notes are not removed before Initialize	1. Open the lower Unit2. Open the MID transport3. Remove the RC4. Open the RC Door and down the stage5. Remove Notes stacked in the upper side6. Replace RC if same error occurs during Initialize
5DAAT00	RC5 path disorder notes are not removed before Initialize	1. Open the lower Unit2. Open the MID transport3. Remove the RC4. Open the RC Door and down the stage5. Remove Notes stacked in the upper side6. Replace RC if same error occurs during Initialize
5DAAU00	RC6 path disorder notes are not removed before Initialize	1. Open the lower Unit2. Open the MID transport3. Remove the RC4. Open the RC Door and down the stage5. Remove Notes stacked in the upper side6. Replace RC if same error occurs during Initialize
5DAAV00	RT/RJC path disorder notes are not removed before Initialize	1. Open the lower Unit2. Remove RT/RJC CST3. Remove the notes4. close the door and reinstallation
5DAAW00	UTC path disorder notes are not removed before Initialize	1. UTC Door Open2. Remove the notes in UTC entry3. Remove the notes in rear transport4. Check GS004 if same error occurs after Initialize
5DAAX00	RC7 path disorder notes are not removed before Initialize	1. Open the lower Unit2. Open the MID transport3. Remove the RC4. Open the RC Door and down the stage5. Remove Notes stacked in the upper side6. Replace RC if same error occurs during Initialize
5DAE100	Received operation command without Initial Info Set during Initialize	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5DAE200	Status on not operation reception command during Initialize	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5DAE300	Received operation command without System Info Read during Initialize	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5DAE400	Transaction was executed without Initializing after power on during Initialize	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5DAEE00	RBU RS485 communication sequence disorder during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5DAEF00	RBU RS485 connection line disorder during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5DAEL00	RBU communication was not ready after power on during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5DAH600	Failure to check clearing NVRAM during Initialize	1. Operate to initialize BRM(Recovery)
5DAHF00	Transaction count exists but GS801A sensor no change during Initialize	1. Check GS801A2. Operate to initialize BRM(Recovery)
5DAHG00	Transaction count exists but GS801B sensor no change during Initialize	1. Check GS801B2. Operate to initialize BRM(Recovery)
5DAHH00	Transaction count exists but GS802A sensor no change during Initialize	1. Check GS802A2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5DAHJ00	Transaction count exists but GS802B sensor no change during Initialize	1. Check GS802B2. Operate to initialize BRM(Recovery)
5DAR100	Message timeout error during operation ready during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5DAR200	Message timeout error during transation operation during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5DAR300	Message timeout error during error postprocessing during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5DAR800	RBU/BC sensor auto dimming response message timeout error during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5DARC00	BC response message timeout error during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5DARJ00	Message timeout error during Stop Ready during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5DBH100	RC1 EEPROM Read Error during Initialize	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5DBH200	RC2 EEPROM Read Error during Initialize	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5DBH300	RC3 EEPROM Read Error during Initialize	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5DBH400	RC4 EEPROM Read Error during Initialize	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5DBH500	RC5 EEPROM Read Error during Initialize	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5DBH600	RC6 EEPROM Read Error during Initialize	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5DBH700	RC1 EEPROM Write Error during Initialize	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5DBH800	RC2 EEPROM Write Error during Initialize	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5DBH900	RC3 EEPROM Write Error during Initialize	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization

Problem Code	Problem Description	Troubleshooting
5DBHA00	RC4 EEPROM Write Error during Initialize	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5DBHB00	RC5 EEPROM Write Error during Initialize	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5DBHC00	RC6 EEPROM Write Error during Initialize	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5DBHD00	RC1 EEPROM Verify Error during Initialize	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5DBHE00	RC2 EEPROM Verify Error during Initialize	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5DBHF00	RC3 EEPROM Verify Error during Initialize	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5DBHG00	RC4 EEPROM Verify Error during Initialize	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5DBHH00	RC5 EEPROM Verify Error during Initialize	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5DBHJ00	RC6 EEPROM Verify Error during Initialize	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5DBHK00	BMD Open Error During EEPROM Read/Write during Initialize	1. Check the lower Unit load/removal
5DBHU00	BMD EEPROM Read Error during Initialize	1. Replace RBU B/D
5DBHV00	BMD EEPROM Write Error during Initialize	1. Replace RBU B/D
5DBHW00	BMD EEPROM Verify Error during Initialize	1. Replace RBU B/D
5DBHX00	RC7 EEPROM Read Error during Initialize	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5DBHY00	RC7 EEPROM Write Error during Initialize	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5DBHZ00	RC7 EEPROM Verify Error during Initialize	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5DBR000	RBU Response Timeout during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5DBR700	RBU Response Message Timeout during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5DBS100	RBU RS-232 Seq Num Echo Error during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5DBS200	RBU RS-232 MI Echo Error during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5DBSS00	RBU Auto Calibration Command Parameter Error during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5DBST00	RBU RTC Set Time valid Error during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5DC0100	RC6 GSC01 Light Jam during Initialize	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5DC0200	RC6 GSC02 Light Jam during Initialize	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5DC0500	RC6 GSC05 Light Jam during Initialize	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5DC1100	RC6 GSC01 Dark Jam during Initialize	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5DC1200	RC6 GSC02 Dark Jam during Initialize	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5DC1500	RC6 GSC05 Dark Jam during Initialize	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5DC2100	Error occurred by notes remained in RC6 GSC01 during Initialize	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5DC2200	Error occurred by notes remained in RC6 GSC02 during Initialize	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5DC2500	Error occurred by notes remained in RC6 GSC05 during Initialize	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5DC3100	Sensor auto calibration error in RC6 GSC01 during Initialize	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5DC3200	Sensor auto calibration error in RC6 GSC02 during Initialize	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5DC3500	Sensor auto calibration error in RC6 GSC05 during Initialize	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5DC4100	Extern lights check error in RC6 GSC01 during Initialize	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5DC4200	Extern lights check error in RC6 GSC02 during Initialize	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5DC4500	Extern lights check error in RC6 GSC05 during Initialize	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5DC5100	Path error on transport path in RC6 GSC01 during Initialize	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5DC5200	Path error on transport path in RC6 GSC02 during Initialize	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5DC5500	Path error on transport path in RC6 GSC05 during Initialize	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5DC6100	Path error on sensor except for transport path in RC6 GSC01 during Initialize	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5DC6200	Path error on sensor except for transport path in RC6 GSC02 during Initialize	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5DC6500	Path error on sensor except for transport path in RC6 GSC05 during Initialize	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5DC7100	Error occurred by the notes disorder in RC6 GSC01 during Initialize	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5DC7200	Error occurred by the notes disorder in RC6 GSC02 during Initialize	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5DC7500	Error occurred by the notes disorder in RC6 GSC05 during Initialize	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5DCG100	RC6 Failure of returning notes (GSC01,GSC02 Sensors detect no notes) during Initialize	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5DCG200	RC6 Failure to move PP to stack position during Initialize	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(8). 4. Open the recycle cassette door(8).5. Check cassette status to move stage up and down.
5DCG400	RC6 Failure to upword moving of PP during RC6 stack roller retreat movement during Initialize	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(8). 4. Open the recycle cassette door(8).5. Check cassette status to move stage up and down.
5DCG500	RC6 Failure to stack roller retreat (GSC13 Sensor no change) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5DCG600	RC6 Stack Roller retreat position disorder during RC Separation during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
5DCG700	RC6 RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GSC07) no change) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5DCG800	RC6 Failure to move PP to press position (GSC08 Sensor Dark Fail) during Initialize	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(8).4. Check the stage status after open the recycle cassette(8).5. Check the upper side of the recycle cassette
5DCGA00	RC6 RC Solenoid Echo error during Initialize	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8) and reload.4. Replace the cassette when same error occurs.
5DCGB00	RC6 Feed Roller homeposition Sensor(GSC07) Light detect fail during RC Stack during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5DCGC00	RC6 Feed Roller homeposition Sensor(GSC07) Dark detect fail during RC Stack during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5DCGD00	RC6 GSC01,GSC02 Detect notes during move RC Feed Roller to homeposition during Initialize	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5DCGE00	RC6 GSC08 detect dark before move RC Feed Roller to homeposition during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
5DCGF00	RC6 Notes Setting error during initialize (GSC14, Bottom Sensor(GSC12) both dark) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
5DCGG00	RC6 Stack Roller Sensor(GSC13) detect light during RC FM Stack during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5DCGH00	RC6 Stack Roller Sensor(GSC13) detect dark during RC FM Stack during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5DCGJ00	RC6 RC Stack Roller retreat fail (Motor Overrun) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5DCGK00	RC6 RC Stack Roller retreat fail (Motor speed error) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
5DCGL00	RC6 RC Feed Roller homeposition fail (Motor speed error) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5DCGQ00	RJC Press and Stack position fail during Initialize	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
5DCGR00	RJC Stack position fail during Initialize	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
5DCGS00	RC6 RJC Press position fail during Initialize	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
5DCGT00	RC6 GSC51 fail to detect dark when PP moves down during RJC PP Stack during Initialize	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
5DCGU00	RC6 GSC51 fail to detect light when PP moves down during RJC PP Stack during Initialize	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
5DCGV00	RC6 GSC52 fail to detect dark when PP moves down during RJC PP Stack during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
5DCGW00	RC6 GSC51 fail to detect light when PP moves down during RJC initialize during Initialize	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
5DCGX00	RC6 GSC01 detects notes during RJC intialze during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5DCJ100	RC6 RJC Full during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
5DCJ200	RC6 RC No Residue during Initialize	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(8).4. Check the notes remain after open the recycle cassette door(8).5. Fill up the Notes if there are no notes
5DCJ300	RC6 Full,Bottom no detect before move RC PP to stack position during Initialize	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(8).4. Check the stage status after open the recycle cassette(8).5. Check contamination of GS111/GS112 sensor.

Problem Code	Problem Description	Troubleshooting
5DCL100	Remaining notes stack process error in RC6 GSC01 during Initialize	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5DCL200	Remaining notes stack process error in RC6 GSC02 during Initialize	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5DCL500	Remaining notes stack process error in RC6 GSC05 during Initialize	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5DCLZ00	Remaining notes stack process error in RC6 All during Initialize	1. Operate to initialize BRM.(Recovery)
5DCR100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5DCR200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5DCR300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5DCR600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5DCRF00	RC6 Feed Motor response timeout during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5DCRP00	RC6 PP response timeout during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5DCS200	RC6 Receive undefined command during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5DCS300	RC6 Task not for separation receive separation command during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5DCSA00	RC6 Sub Task receive undefined command during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5DCSR00	RC6 Sub Task for Wait Setting Error during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5DE1500	CST GS905 Dark Jam during Initialize	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5DE2500	Error occurred by notes remained in CST GS905 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5DEG100	CST Failure of returning notes (GS901,GS902 Sensors detect no notes) during Initialize	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5DEG200	CST Failure to move PP to stack position during Initialize	1. Remove the transit cassette.2. Open the cassette door.3. Check the stage status.
5DEG400	CST Failure to upword moving of PP during RC stack roller retreat movement during Initialize	1. Remove the transit cassette.2. Open the cassette door.3. Check the stage status.
5DEG500	CST Failure to stack roller retreat (GS913 Sensor no change) during Initialize	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5DEG600	CST Stack Roller retreat position disorder during RC Separation during Initialize	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5DEG700	CST RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS907) no change) during Initialize	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5DEG800	CST Failure to move PP to press position (GS908 Sensor Dark Fail) during Initialize	1. Remove the transit cassette.2. Check the stage status after open the cassette.3. Check the upper side of the cassette
5DEGA00	CST RC Solenoid Echo error during Initialize	1. Reload the transit cassette after removing the cassette.2. Change the cassette when same error occur.
5DEGB00	CST Feed Roller homeposition Sensor(GS907) Light detect fail during RC Stack during Initialize	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5DEGC00	CST Feed Roller homeposition Sensor(GS907) Dark detect fail during RC Stack during Initialize	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5DEGD00	CST GS901,GS902 Detect notes during move RC Feed Roller to homeposition during Initialize	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5DEGE00	CST GS908 detect dark before move RC Feed Roller to homeposition during Initialize	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note.
5DEGF00	CST Notes Setting error during initialize (GS914, Bottom Sensor(GS912) both dark) during Initialize	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note.

Problem Code	Problem Description	Troubleshooting
5DEGG00	CST Stack Roller Sensor(GS913) detect light during RC FM Stack during Initialize	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5DEGH00	CST Stack Roller Sensor(GS913) detect dark during RC FM Stack during Initialize	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5DEGJ00	CST RC Stack Roller retreat fail (Motor Overrun) during Initialize	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5DEGK00	CST RC Stack Roller retreat fail (Motor speed error) during Initialize	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5DEGL00	CST RC Feed Roller homeposition fail (Motor speed error) during Initialize	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5DEJ200	CST No Residue during Initialize	1. Remove the transit cassette.2. Check the notes remain after open the cassette door.3. Fill up the Notes if there are no notes
5DEJ300	CST Full,Bottom no detect before move RC PP to stack position during Initialize	1. Remove the transit cassette.2. Check the stage status after open the cassette.3. Check the upper side of the cassette
5DEL100	Remaining notes stack process error in CST GS901 during Initialize	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5DEL200	Remaining notes stack process error in CST GS902 during Initialize	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5DEL500	Remaining notes stack process error in CST GS905 during Initialize	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5DELZ00	Remaining notes stack process error in CST All during Initialize	1. Operate to initialize BRM.(Recovery)
5DER100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5DER200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5DER300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5DER600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5DERF00	CST Feed Motor response timeout during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5DERP00	CST PP response timeout during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5DES200	CST Receive undefined command during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5DES300	CST RC Task not for separation receive separation command during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5DESA00	CST RC Sub Task receive undefined command during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5DESR00	CST Sub Task for Wait Setting Error during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5DF2500	Error occurred by notes remained in RC7 GSF05 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5DF6500	Path error on sensor except for transport path in RC7 GSF05 during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5DFG100	RC7 Failure of returning notes (GSF01,GSF02 Sensors detect no notes) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5DFG200	RC7 Failure to move PP to stack position during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (A)4. Open the recycle cassette door(A) 5. Check cassette status to move stage up and down
5DFG400	RC7 Failure to upward moving of PP during RC7 stack roller retreat movement during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (A)4. Open the recycle cassette door(A) 5. Check cassette status to move stage up and down
5DFG500	RC7 Failure to stack roller retreat (GS113 Sensor no change) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
5DFG600	RC7 Stack Roller retreat position disorder during RC Separation during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5DFG700	RC7 Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GSF07) no change) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5DFG800	RC7 Failure to move PP to press position (GSF08 Sensor Dark Fail) during Initialize	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(F).4. Check the stage status after open the recycle cassette(F).5. Check the upper side of the recycle cassette
5DFGA00	RC7 Solenoid Echo error during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F) and reload4. Replace the cassette when same error occurs
5DFGB00	RC7 Feed Roller homeposition Sensor(GSF07) Light detect fail during RC Stack during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5DFGC00	RC7 Feed Roller homeposition Sensor(GSF07) Dark detect fail during RC Stack during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5DFGD00	RC7 GSF01,GSF02 Detect notes during move RC Feed Roller to homeposition during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5DFGE00	RC7 GSF08 detect dark before move RC Feed Roller to homeposition during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (A).4. Put down the Stage after open the recycle cassette door (A).5. Remove note.
5DFGF00	RC7 Notes Setting error during initialize (GSF14, Bottom Sensor(GSF12) both dark) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (A).4. Put down the Stage after open the recycle cassette door (A).5. Remove note.
5DFGG00	RC7 Stack Roller Sensor(GS113) detect light during RC FM Stack during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5DFGH00	RC7 Stack Roller Sensor(GS113) detect dark during RC FM Stack during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5DFGJ00	RC7 Stack Roller retreat fail (Motor Overrun) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
5DFGK00	RC7 Stack Roller retreat fail (Motor speed error) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5DFGL00	RC7 Feed Roller homeposition fail (Motor speed error) during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5DFJ200	RC7 No Residue during Initialize	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(F).4. Check the notes remain after open the recycle cassette door(A)5. Fill up the Notes if there are no notes
5DFJ300	Full,Bottom no detect before move RC7 PP to stack position during Initialize	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(F).4. Check the stage status after open the recycle cassette(F).5. Check contamination of GSF11/GSF12 sensor.
5DFL100	RC GSF01 Remaining notes stack process error during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5DFL200	RC GSF02 Remaining notes stack process error during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5DFL500	RC GSF05 Remaining notes stack process error during Initialize	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5DFLZ00	RC All Sensor Remaining notes stack process error during Initialize	1. Operate to initialize BRM.(Recovery)
5DFRF00	RC7 Feed Motor response timeout during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5DFRP00	RC7 PP response timeout during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5DFS200	RC7 Receive undefined command during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5DFS300	RC7 Task not for separation receive separation command during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5DFSA00	RC7 Sub Task receive undefined command during Initialize	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5DFSR00	RC7 Sub Task for Wait Setting Error during Initialize	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization
5DUS100	USB Bulk Sequence Error during Initialize.	1. Restart over AP-SP
5DUS300	USB Bulk Received Length Error during Initialize.	1. Reboot the system
5DUS400	Message transmission Error from USB to Main Task during Initialize.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
5DUS500	Message reception Error from MainTask to USB during Initialize.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
5DUSCMD	Bulk command data check error during Initialize. (USB communication failure)	1. Restart over AP-SP
5DUSCRC	CRC data check error during Initialize. (USB communication failure)	1. Restart over AP-SP
5DUSLEN	Bulk length error during Initialize. (USB communication failure)	1. Restart over AP-SP
5E1R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization
5E1R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization
5E1R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization
5E1R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization
5E2R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization
5E2R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization
5E2R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization
5E2R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization
5E30100	RC3 GS301 Light Jam during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5E30200	RC3 GS302 Light Jam during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E30500	RC3 GS305 Light Jam during Inner Shutter Open	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(C)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5E31100	RC3 GS301 Dark Jam during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E31200	RC3 GS302 Dark Jam during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E31500	RC3 GS305 Dark Jam during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E32100	Error occurred by notes remained in RC3 GS301 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E32200	Error occurred by notes remained in RC3 GS302 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E32500	Error occurred by notes remained in RC3 GS305 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E33100	Sensor auto calibration error in RC3 GS301 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E33200	Sensor auto calibration error in RC3 GS302 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E33500	Sensor auto calibration error in RC3 GS305 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5E34100	Extern lights check error in RC3 GS301 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E34200	Extern lights check error in RC3 GS302 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E34500	Extern lights check error in RC3 GS305 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E35100	Path error on transport path in RC3 GS301 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E35200	Path error on transport path in RC3 GS302 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E35500	Path error on transport path in RC3 GS305 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E36100	Path error on sensor except for transport path in RC3 GS301 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E36200	Path error on sensor except for transport path in RC3 GS302 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E36500	Path error on sensor except for transport path in RC3 GS305 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E37100	Error occurred by the notes disorder in RC3 GS301 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5E37200	Error occurred by the notes disorder in RC3 GS302 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E37500	Error occurred by the notes disorder in RC3 GS305 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E3L100	Remaining notes stack process error in RC3 GS301 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E3L200	Remaining notes stack process error in RC3 GS302 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E3L500	Remaining notes stack process error in RC3 GS305 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E3R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5E3R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5E3R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5E3R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5E40100	RC4 GS401 Light Jam during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E40200	RC4 GS402 Light Jam during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E40500	RC4 GS405 Light Jam during Inner Shutter Open	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(D)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).

Problem Code	Problem Description	Troubleshooting
5E41100	RC4 GS401 Dark Jam during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E41200	RC4 GS402 Dark Jam during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E41500	RC4 GS405 Dark Jam during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E42100	Error occurred by notes remained in RC4 GS401 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E42200	Error occurred by notes remained in RC4 GS402 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E42500	Error occurred by notes remained in RC4 GS405 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E43100	Sensor auto calibration error in RC4 GS401 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E43200	Sensor auto calibration error in RC4 GS402 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E43500	Sensor auto calibration error in RC4 GS405 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E44100	Extern lights check error in RC4 GS401 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5E44200	Extern lights check error in RC4 GS402 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E44500	Extern lights check error in RC4 GS405 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E45100	Path error on transport path in RC4 GS401 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E45200	Path error on transport path in RC4 GS402 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E45500	Path error on transport path in RC4 GS405 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E46100	Path error on sensor except for transport path in RC4 GS401 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E46200	Path error on sensor except for transport path in RC4 GS402 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E46500	Path error on sensor except for transport path in RC4 GS405 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E47100	Error occurred by the notes disorder in RC4 GS401 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E47200	Error occurred by the notes disorder in RC4 GS402 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5E47500	Error occurred by the notes disorder in RC4 GS405 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E4L100	Remaining notes stack process error in RC4 GS401 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E4L200	Remaining notes stack process error in RC4 GS402 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E4L500	Remaining notes stack process error in RC4 GS405 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E4R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5E4R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5E4R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5E4R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5E50100	RC5 GS501 Light Jam during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E50200	RC5 GS502 Light Jam during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E50500	RC5 GS505 Light Jam during Inner Shutter Open	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(E)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5E51100	RC5 GS501 Dark Jam during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5E51200	RC5 GS502 Dark Jam during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E51500	RC5 GS505 Dark Jam during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E52100	Error occurred by notes remained in RC5 GS501 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E52200	Error occurred by notes remained in RC5 GS502 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E52500	Error occurred by notes remained in RC5 GS505 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E53100	Sensor auto calibration error in RC5 GS501 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E53200	Sensor auto calibration error in RC5 GS502 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E53500	Sensor auto calibration error in RC5 GS505 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E54100	Extern lights check error in RC5 GS501 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E54200	Extern lights check error in RC5 GS502 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5E54500	Extern lights check error in RC5 GS505 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E55100	Path error on transport path in RC5 GS501 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E55200	Path error on transport path in RC5 GS502 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E55500	Path error on transport path in RC5 GS505 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E56100	Path error on sensor except for transport path in RC5 GS501 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E56200	Path error on sensor except for transport path in RC5 GS502 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E56500	Path error on sensor except for transport path in RC5 GS505 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E57100	Error occurred by the notes disorder in RC5 GS501 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E57200	Error occurred by the notes disorder in RC5 GS502 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E57500	Error occurred by the notes disorder in RC5 GS505 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5E5L100	Remaining notes stack process error in RC5 GS501 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E5L200	Remaining notes stack process error in RC5 GS502 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E5L500	Remaining notes stack process error in RC5 GS505 during Inner Shutter Open	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5E5R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5E5R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5E5R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5E5R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5E62100	CSM Residue Error during Inner Shutter Open	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5E62300	CSM insert notes excess Error during Inner Shutter Open	1. Operate to initialize BRM(Recovery)2. Check inserting notes into the CSM are over 300 counts at one time3. If BRM does not recovery open the outer/inner Shutter of CSM3.Remove notes and substance in the CSM(1)
5E62500	CSM notes disappear Error during Inner Shutter Open	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5E62600	CSM notes appear Error during Inner Shutter Open	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5E62Z00	CSM Residue Error during Inner Shutter Open	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5E6G100	Fail to move CSM BP to Stack Position during Shutter Open	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly

Problem Code	Problem Description	Troubleshooting
5E6G200	Fail to move CSM BP to Deposit Position during Shutter Open	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
5E6G600	Fail to move CSM P-Roller to Home position during Shutter Open	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
5E6GD00	Fail to move CSM Lift to Up position during Inner Shutter Open	1. Open the upper unit. 2. Open the customer service module (CSM) shutter(1)3.Check the notes and substance inside of the CSM
5E6GF00	Fail to move CSM G-Roller to Home position during Shutter Open	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
5E6GG00	Fail to move both CSM P/G-Roller to Homeposition during Shutter Open	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
5E6M200	CSM Inner Shutter Open Error during Inner Shutter Open	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
5E6M300	CSM Inner Shutter Close Error during Inner Shutter Open	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
5E6M400	CSM Outer Shutter Open Error during Shutter Open	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
5E6M500	CSM Outer Shutter Close Error during Shutter Close	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
5E6M600	CSM Outer Shutter is Opened during Shutter Close	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
5E6M900	CSM Stopper Stack position Fail during Shutter Open	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move PP Front5. Move Bill Stopper forward/backward and check GS668 sensor status6. Initialize
5E6MC00	CSM Bill Supporter Down position Fail during Inner Shutter Open	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Check the failure and breakage of Bill Lifter/Support5. Initialize

Problem Code	Problem Description	Troubleshooting
5E6P200	CSM PP Deposit position Fail during Shutter Open	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5E6P300	CSM PP Separation position Fail during Shutter Open	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5E6R100	CSM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5E6R200	CSM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5E6R300	CSM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5E6R600	CSM response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5E6RB00	CSM BP response timeout during Shutter Open	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5E6RF00	CSM Feed Motor response timeout during Shutter Open	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5E6RL00	CSM Lift response timeout during Inner Shutter Open	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5E6RP00	CSM PP response timeout during Shutter Open	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5E6RR00	CSM Bill supporter response timeout during Inner Shutter Open	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5E6RS00	CSM Inner Shutter response timeout during Inner Shutter Open	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5E6RT00	CSM Stopper response timeout during Shutter Open	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5E6SA00	CSM Receive undefined command during Inner Shutter Open	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5E6SR00	CSM Sub Task for Wait Setting Error during Inner Shutter Open	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5E72100	Error occurred by notes remained in TSK GS701 during Inner Shutter Open	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5E72200	Error occurred by notes remained in TSK GS702 during Inner Shutter Open	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5E72300	Error occurred by notes remained in TSK GS703,4 during Inner Shutter Open	1. Open the upper unit2. Check the notes remain in the TSK(5)3. Check the GS701/GS702/GS706/GS707 Sensor4. Remove notes remain in the TSK
5E72Z00	Error occurred by notes remained in TSK All Sensor during Inner Shutter Open	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5E7C200	TSK Last note unclear during separation during Inner Shutter Open	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) 4. Close the upper unit5. Initialize
5E7R100	TSK response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5E7R200	TSK response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5E7R300	TSK response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5E7R600	TSK response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5E8HA01	GS801A Sensor Error during Shutter Open	1. Check GS801A2. Operate to initialize BRM(Recovery)
5E8HA02	GS801B Sensor Error during Shutter Open	1. Check GS801B2. Operate to initialize BRM(Recovery)
5E8HA03	GS801A, GS801B Sensor Error during Shutter Open	1. Check GS801A, GS801B2. Operate to initialize BRM(Recovery)
5E8HA04	GS802A Sensor Error during Shutter Open	1. Check GS802A2. Operate to initialize BRM(Recovery)
5E8HA05	GS801A, GS802A Sensor Error during Shutter Open	1. Check GS801A, GS802A2. Operate to initialize BRM(Recovery)
5E8HA06	GS801B, GS802A Sensor Error during Shutter Open	1. Check GS801B, GS802A2. Operate to initialize BRM(Recovery)
5E8HA07	GS801A, GS801B, GS802A Sensor Error during Shutter Open	1. Check GS801A, GS801B, GS802A2. Operate to initialize BRM(Recovery)
5E8HA08	GS802B Sensor Error during Shutter Open	1. Check GS802B2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5E8HA09	GS801A, GS802B Sensor Error during Shutter Open	1. Check GS801A, GS802B2. Operate to initialize BRM(Recovery)
5E8HA10	GS801B, GS802B Sensor Error during Shutter Open	1. Check GS801B, GS802B2. Operate to initialize BRM(Recovery)
5E8HA11	GS801A, GS801B, GS802B Sensor Error during Shutter Open	1. Check GS801A, GS801B, GS802B2. Operate to initialize BRM(Recovery)
5E8HA12	GS802A, GS802B Sensor Error during Shutter Open	1. Check GS802A, GS802B2. Operate to initialize BRM(Recovery)
5E8HA13	GS801A, GS802A, GS802B Sensor Error during Shutter Open	1. Check GS801A, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5E8HA14	GS801B, GS802A, GS802B Sensor Error during Shutter Open	1. Check GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5E8HA15	GS801A, GS801B, GS802A, GS802B Sensor Error during Shutter Open	1. Check GS801A, GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5E8HB01	MR Sensor Level Error during Shutter Open	1. Check MR Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5E8HC02	UV_01 Sensor Level Error during Shutter Open	1. Check UV Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5E8HF03	CIS Shading data loading Fail during Shutter Open	1. Operate shading in the BC CIS2. Operate to initialize BRM(Recovery)
5E8HF04	Detection DB Table loading Fail during Shutter Open	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5E8HF05	BC FPGA Data checksum Fail during Shutter Open	1. Check to BC FPGA File2. Operate to initialize BRM(Recovery)
5E8HF06	BC FPGA Configuration Fail during Shutter Open	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5E8HF07	BC FPGA Header Information Loading Fail during Shutter Open	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5E8HF08	BC FPGA Initialize Fail during Shutter Open	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5E8HF09	BC FPGA VERSION Fail during Shutter Open	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5E8HF11	Detection DB #01 loading Fail during Shutter Open	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5E8HF12	Detection DB #02 loading Fail during Shutter Open	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5E8HF13	Detection DB #03 loading Fail during Shutter Open	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5E8HF14	Detection DB #04 loading Fail during Shutter Open	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5E8HF15	Detection DB #05 loading Fail during Shutter Open	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5E8HF16	Detection DB #06 loading Fail during Shutter Open	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5E8HF17	Detection DB #07 loading Fail during Shutter Open	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5E8HF18	Detection DB #08 loading Fail during Shutter Open	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5E8HF19	Detection DB #09 loading Fail during Shutter Open	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5E8HF20	Detection DB #10 loading Fail during Shutter Open	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5E8HG01	Mode Set Error When Receive BC MODE Command (Mode Value is not 1 or 2 ) during Shutter Open	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5E8HG02	Detection Level Set Error When Receive BC MODE Command (Detection Level Value is 0 ) during Shutter Open	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5E8HG03	BC Transaction Ready Fail When Receive BC READY Command during Shutter Open	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5E8HG04	Mode Set Error When Receive BC READY Command (Mode Value is not 1 or 2 ) during Shutter Open	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5E8HG05	Detection Level Set Error When Receive BC READY Command (Detection Level Value is 0 ) during Shutter Open	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5E8HG06	BC Entry Direction Set Error When Receive BC READY Command (Not Deposit-Withdrawal/Stack Direction ) during Shutter Open	1. Check BC putting direction.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5E8HG07	Receive BC Unknown Command during Shutter Open	1. Check BC reception full command.1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization.
5E8HG08	The Number of Nations Set Error When Receive BC DATA WRITE Command (Over 0, 10) during Shutter Open	1. Check the number of supported country.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5E8HG09	Nation Code Set Error When Receive BC DATA WRITE Command during Shutter Open	1. Check the supported country code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5E8HG10	Detection DB of the Nation is not exist When Receive BC DATA WRITE Command during Shutter Open	1. Check the BC recognition DB of country.2. Download DB again after deleting all recognition DB3. Operate to initialize BRM(Recovery)4. Reboot the system when same error occurred after initialization.
5E8HG11	No Nation Code When Receive BC READY Command during Shutter Open	1. Check the country setting value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5E8HG12	BC Version Value Set Error When Receive BC DATA WRITE Command (Not BC FPGA) during Shutter Open	1. Check the BC specifications devision and BC FPGA specifications.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initializatio

Problem Code	Problem Description	Troubleshooting
5E8HG20	Fail to Initialize CIS When Receive BC READY Command during Shutter Open	1. Operate to initialize BRM(Recovery)2. Check CIS part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5E8HG21	Fail to ENCODER POWER ON When Receive BC READY Command during Shutter Open	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5E8HG22	Fail to adjust DD Sensor DAC When Receive BC READY Command during Shutter Open	1. Operate to initialize BRM(Recovery)2. Check whether the sensor is contaminated or not if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5E8HG23	DD Sensor DAC Set Error When Receive BC READY Command during Shutter Open	1. Operate to initialize BRM(Recovery)2. Check DD sensor part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5E8HG24	ENCODER Mode Set Error When Receive BC READY Command during Shutter Open	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance
5E8HG30	Counterfeit Note List CRC Error When Receive BC SERIAL NO Command during Shutter Open	1. Check the forged notes list CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5E8HG31	Not Receive The Number of Counterfeit Note Lists and CRC When Receive BC SERIAL NO Command during Shutter Open	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5E8HG32	Over The Number of Counterfeit Note Lists When Receive BC SERIAL NO Command (Over 200) during Shutter Open	1. Check the whole number of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5E8HG33	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Nation Code 0) during Shutter Open	1. Check the country code of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5E8HG34	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Length Over 2~29) during Shutter Open	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5E8HG36	Note Number Detection Mode Set Error When Receive BC MODE Command (Mode Value is Not 0, 1, 2) during Shutter Open	1. Check to the recognized mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5E8HG37	Transaction Classification Set Error When Receive BC MODE Command (Classification Value is Not 0, 1, 2) during Shutter Open	1. Check to the transaction setting.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5E8HG38	Counterfeit Note List Search Classification Set Error When Receive BC SERIAL NO Command 위조지폐 목록 검색 구분 설정 오류 (Classification Value is Not 1, 2, 3 ) during Shutter Open	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5E8HG39	Counterfeit Note List Note Number Set Error When Receive BC SERIAL NO Command (Use '*' When Search Note Number Part) during Shutter Open	1. Check the forged notes list's note numbers.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.

Problem Code	Problem Description	Troubleshooting
5E8HG3A	BC MODE SET Bill Management Level Set Error (Over 1~5) during Shutter Open	1. Check check management mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5E8HG3B	Over The Number of BC MODE SET Back Codes (Over 15) during Shutter Open	1. Check the number of check issued by our bank code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5E8HG40	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use End Number at First When Search Note Number Part) during Shutter Open	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5E8HG41	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use Start Number at Last When Search Note Number Part) during Shutter Open	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5E8HG42	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Wrong Start/End Number Order When Search Note Number Part) during Shutter Open	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5E8HG43	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Use Wrong Length Value When Search Note Number Part) during Shutter Open	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5E8HG44	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Use Wrong Nation Code When Search Note Number Part) during Shutter Open	1. Check the forged notes list's country-code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5E8HG45	Not Receive The Number of Bill Number Tables and CRC When Receive Check No Write Command during Shutter Open	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5E8HG46	Bill Number Error When Receive Check No Write Command during Shutter Open	1. Check the check number when registering check number.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5E8HG47	Bill Number Table Length Set Error When Receive Check No Write Command (Length Over 0~50) during Shutter Open	1. Check check number table's length.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5E8HG48	Bill Number Table CRC Error When Receive Check No Write Command during Shutter Open	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5E8HG49	Over The Number of Bill Number Tables When Receive Check No Write Command (Over 5) during Shutter Open	1. Check check total number of tables.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5E8HH01	Fail to Delete NAND FLASH during Shutter Open	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5E8HH02	NAND FLASH Delete BLOCK Set Error When Download Detection DB during Shutter Open	1. Download DB again after checking recognition DB's delete index.2. Operate to initialize BRM(Recovery)
5E8HH03	Fail to Download Detection DB during Shutter Open	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5E8HH04	NAND FLASH Download BLOCK Set Error When Download Detection DB during Shutter Open	1. Download DB again after checking recognition DB's index.2. Operate to initialize BRM(Recovery)
5E8HH05	Detection DB Download File Check Error during Shutter Open	1. Download DB again after checking recognition DB file.2. Operate to initialize BRM(Recovery)
5E8HH06	Detection DB Download File Size Error during Shutter Open	1. Download DB again after checking recognition DB download file.2. Operate to initialize BRM(Recovery)
5E8HH07	DB Table Save Error After Download Detection DB during Shutter Open	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5E8HH08	Over Detection DB Download (Over 10) during Shutter Open	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5E8HH09	Detection DB Header Information Error during Shutter Open	1. Download DB again after deleting recognition DB.2. Operate to initialize BRM(Recovery)
5E8HH10	EP Download Fail during Shutter Open	1. Re-download BC EP.2. Change the BC B/D if continuous error.
5E8HH11	EP Download Check Error during Shutter Open	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5E8HH12	EP Download File Size Error during Shutter Open	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5E8HH13	EP Download File ID Error (Not EPAP/EPBT/EPFP) during Shutter Open	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5E8HH14	BC FPGA Download Fail during Shutter Open	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
5E8HH15	Header Information Save Error After BC FPGA Download during Shutter Open	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
5E8HH16	Not Provide BC FPGA Download during Shutter Open	1. Check BC FPGA VERSION.2. Change the BC B/D if continuous error.
5E8HH17	EEPROM READ/WRITE Error during Shutter Open	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
5E8HH18	Receive Unit Serial Number Undefined Option during Shutter Open	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
5E8HH19	Receive USB Undefined Command during Shutter Open	1. Check USB Command from BC and retry the operation.2. Check BC version and Update EP3. Change the BC B/D if continuous error.
5E8HH20	No BC Process Note When Receive Image Upload Command during Shutter Open	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5E8HH21	FC1 Set Error When Receive Image Upload Command during Shutter Open	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5E8HH22	BC is Processing Note When Receive Image Upload Command during Shutter Open	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.

Problem Code	Problem Description	Troubleshooting
5E8HH23	FC2 Set Error When Receive Image Upload Command during Shutter Open	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5E8HH24	Not Provide Total Image Upload Function during Shutter Open	1. Check if SP or TM is out of date.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5E8HH25	Not Provide Note Number Detection Image Upload Function during Shutter Open	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5E8HH26	FC2 Set Error When Receive Image Information Upload Command during Shutter Open	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5E8HH27	BRM Transaction Mode is Not Same with Image Upload Command Mode during Shutter Open	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5E8HH28	BRM Transaction Mode is Not Same with Replenishment/Collect Cash Image Upload Command Mode during Shutter Open	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5E8HH29	No BC Process Note When Receive Replenishment/Collect Cash Image Upload Command during Shutter Open	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5E8HH2A	FC1 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Shutter Open	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5E8HH2B	BC is Processing Note When Receive Replenishment/Collect Cash Image Upload Command during Shutter Open	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5E8HH2C	FC2 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Shutter Open	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5E8HH2D	Not Provide Replenishment/Collect Cash Image Upload Function during Shutter Open	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5E8HH2E	Note Image Upload Index is Not Same When Receive Replenishment/Collect Cash Image Upload Command during Shutter Open	1. Get BC log and image.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5E8HI01	RecogTask Messeage Timeout Error during Shutter Open	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5E8HI02	ScanTask Messeage Timeout Error during Shutter Open	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5E8HI03	UartTask Messeage Timeout Error during Shutter Open	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5E8HI04	BcUsbTask Messeage Timeout Error during Shutter Open	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5E8HJ01	Algorithm Initialize Fail during Shutter Open	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5E8HJ02	Algorithm Ready Fail during Shutter Open	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5E8HJ03	Algorithm Information Set Error during Shutter Open	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5E8HK01	Table CRC Error When Set Poly-Note Withdrawal Information during Shutter Open	1. Retry the operation
5E8HK02	CST Note Information Set Number Error When Set Poly-Note Withdrawal Information (n is 0 or over 256) during Shutter Open	1. Check the number of CST Setting notes info
5E8HK03	Withdrawal Note Number Set Error When Set Poly-Note Withdrawal Information ( n is 0 or over 3000) during Shutter Open	1. Check Withdrawal notes setting
5E8HK04	Note Information (Not CST Set Note) is Set in Withdrawal Note Information When Set Poly-Note Withdrawal Information during Shutter Open	1. Check Withdrawal notes info
5E8HS01	FPGA Write Data Error When Initialize Scan Driver during Shutter Open	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5E8HS02	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver during Shutter Open	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5E8HS03	Fail to Set CIS Led On Value When Initialize Scan Driver during Shutter Open	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5E8HS04	Fail to Set Source of Scan Light When Initialize Scan Driver during Shutter Open	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5E8HS05	Not Process Shading When Initialize Scan Driver during Shutter Open	1. Perform CiS Shading.2. Operate to initialize BRM(Recovery)
5E8HS08	Fail to Set DAC When Initialize Scan Driver during Shutter Open	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5E8HS11	FPGA Write Data Error When BC Ready during Shutter Open	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5E8HS12	Fail to Power On When BC Ready Sensor(MR/UV/DD/Encoder/Entry Sensor) during Shutter Open	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5E8HS13	Fail to Set CIS Led On Value When BC Ready during Shutter Open	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5E8HS14	Fail to Set Source of Scan Ligh When BC Ready during Shutter Open	1. Retry the operation.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5E8HS15	Not Process Shading When BC Ready during Shutter Open	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5E8HS17	Fail to Set AFE Chip When BC Ready during Shutter Open	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5E8HS18	Fail to Set DAC When BC Ready during Shutter Open	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5E8HS19	MR/UV/DD Sampling Start Error When BC Ready during Shutter Open	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5E8HS1A	Fail to Set 2-Notes DAC When BC Ready during Shutter Open	1. Check whether double notes sensor is contaminate or not.2. Check whether double notes sensor is connected.3. Retry the operation.4. Change the BC if continuous error.
5E8HS1B	2-Notes to 1-Note Adjust Information Error When BC Ready during Shutter Open	1. Perform calibration info about double notes or one note.2. Operate to initialize BRM(Recovery)
5E8HS22	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver When Stop BC during Shutter Open	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5E8HS28	Fail to Set DAC When Stop BC during Shutter Open	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5E8HS29	MR/UV/DD Sampling Stop Error When Stop BC during Shutter Open	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5E8HS31	BC Ready Fail When Process CIS Shading – Use in Plant during Shutter Open	1. Perform calibration info about double notes or one note and double notes DAC2. Retry the operation
5E8HS32	Dark Adjust Fail When Process CIS Shading – Use in Plant during Shutter Open	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Change CIS and Cable5. Change BC
5E8HS33	Over Target Gap When Process CIS Shading Shading – Use in Plant during Shutter Open	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
5E8HS34	Fail to Write Result Value Flash When Process CIS Shading – Use in Plant during Shutter Open	1. Retry the operation2. Change BC
5E8HS35	BC Stop Fail When Process CIS Shading – Use in Plant during Shutter Open	1. Retry the operation2. Change BC
5E8HS36	Over 10Pixel-Excess-Image When Process CIS Shading during Shutter Open	1. Retry the operation2. Check CIS note quility and setting status3. Check CIS Connection Status4. Change BC
5E8HS37	Dark Shading Result Value is Standard Over When Process CIS Shading during Shutter Open	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Retry the operation5. Change BC
5E8HS38	Max Ontime Ove When Process CIS Shading – Use in Plant during Shutter Open	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
5E8HS39	Fail to Set Source of Shading Light When Process CIS Shading – Use in Plant during Shutter Open	1. Retry the operation2. Change BC
5E8HS41	Fail to Adjust 2-Notes DAC (Less Than MIN) – Use in Plant during Shutter Open	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the operation4. Change BC

Problem Code	Problem Description	Troubleshooting
5E8HS42	Fail to Adjust 2-Notes DAC (Over MAX) – Use in Plant during Shutter Open	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the operation4. Change BC
5E8HS43	2-Notes Adjust Flash Write Fail – Use in Plant during Shutter Open	1. Retry the operation2. Change BC
5E8R100	BC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5E8R200	BC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5E8R300	BC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5E8R600	BC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5EAA100	UTC open Error before operation Inner Shutter Open	1. Open the upper unit. 2. Check the UTC removal and reinstallation
5EAA200	TSK open Error before operation Inner Shutter Open	1. Open the upper unit. 2. Check the TSK open and close
5EAA300	BMU Inter Lock Error before operation Inner Shutter Open	1. Check BMU open and close
5EAA400	BMU open Error before operation Inner Shutter Open	1. Check BMU open and close
5EAA500	Replenishment CST open Error before operation Inner Shutter Open	1. Check the Transit CST installation
5EAA600	CSM open Error before operation Inner Shutter Open	1. Open the upper unit. 2. Check CSM Open/Close
5EAA800	BMD Inter Lock Error before operation Inner Shutter Open	1. Open the lower unit. 2. Check the BMD open and close
5EAA900	BMD open Error before operation Inner Shutter Open	1. Open the lower unit. 2. Check the BMD open and close
5EAAA00	BC Open Error before operation Inner Shutter Open	1. Open the upper unit. 2. Check BC Open/Close
5EAAB00	RC Full Error before operation Inner Shutter Open	1. Open the lower unit. 2. Check RC Full and remove notes
5EAAC00	RJC Full Error before operation Inner Shutter Open	1. Open the upper unit. 2. Check RJC Full and remove notes
5EAAD00	UTC Full Error before operation Inner Shutter Open	1. Open the upper unit. 2. Remove UTC and open the UTC Door3. Remove notes and reinstallation UTC
5EAAE00	RTC Full Error before operation Inner Shutter Open	1. Open the lower unit. 2. Remove RT/RJC and open the Door3. Remove notes and reinstall RT/RJC
5EAAF00	RC Empty Error before operation Inner Shutter Open	1. Open the lower unit. 2. Remove RC and open the RC Door, Check the Empty Status3. Reinstall the RC
5EAAG00	Suspected note RC open Error before operation Inner Shutter Open	1. Open the lower unit. 2. Check the RC removal and reinstall

Problem Code	Problem Description	Troubleshooting
5EAAH00	Status of BMU loading in the BMU Test Mode before the operation during Inner Shutter Open	1. Check Load/Removal of the upper unit 2. Replace a cherry switch when error occurs
5EAE100	Received operation command without Initial Info Set during Inner Shutter Open	1. Restart over AP-SP2. Do transaction operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5EAE200	Status on not operation reception command during Inner Shutter Open	1. Restart over AP-SP2. Do transaction operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5EAE300	Received operation command without System Info Read during Inner Shutter Open	1. Restart over AP-SP2. Do transaction operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5EAE400	Transaction was executed without Initializing after power on during Inner Shutter Open	1. Restart over AP-SP2. Do transaction operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5EAEE00	RBU RS485 communication sequence disorder during Inner Shutter Open	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred after initialization
5EAEF00	RBU RS485 connection line disorder during Inner Shutter Open	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred after initialization
5EAEL00	RBU communication was not ready after power on during Inner Shutter Open	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred after initialization
5EAH600	Failure to check clearing NVRAM during Inner Shutter Open	1. Operate to initialize BRM(Recovery)
5EAR100	Message timeout error during operation ready during Inner Shutter Open	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5EAR200	Message timeout error during transaction operation during Inner Shutter Open	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5EAR300	Message timeout error during error postprocessing during Inner Shutter Open	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5EAR800	RBU/BC sensor auto dimming response message timeout error during Inner Shutter Open	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5EARC00	BC response message timeout error during Inner Shutter Open	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5EARJ00	Message timeout error during Stop Ready during Inner Shutter Open	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5EBH100	RC1 EEPROM Read Error during Inner Shutter Open	1. Check the RC Connector 2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5EBH200	RC2 EEPROM Read Error during Inner Shutter Open	1. Check the RC Connector 2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization

Problem Code	Problem Description	Troubleshooting
5EBH300	RC3 EEPROM Read Error during Inner Shutter Open	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5EBH400	RC4 EEPROM Read Error during Inner Shutter Open	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5EBH500	RC5 EEPROM Read Error during Inner Shutter Open	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5EBH600	RC6 EEPROM Read Error during Inner Shutter Open	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5EBH700	RC1 EEPROM Write Error during Inner Shutter Open	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5EBH800	RC2 EEPROM Write Error during Inner Shutter Open	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5EBH900	RC3 EEPROM Write Error during Inner Shutter Open	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5EBHA00	RC4 EEPROM Write Error during Inner Shutter Open	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5EBHB00	RC5 EEPROM Write Error during Inner Shutter Open	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5EBHC00	RC6 EEPROM Write Error during Inner Shutter Open	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5EBHD00	RC1 EEPROM Verify Error during Inner Shutter Open	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5EBHE00	RC2 EEPROM Verify Error during Inner Shutter Open	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5EBHF00	RC3 EEPROM Verify Error during Inner Shutter Open	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5EBHG00	RC4 EEPROM Verify Error during Inner Shutter Open	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5EBHH00	RC5 EEPROM Verify Error during Inner Shutter Open	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5EBHJ00	RC6 EEPROM Verify Error during Inner Shutter Open	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5EBHK00	BMD Open Error During EEPROM Read/Write during Inner Shutter Open	1. Check the lower Unit load/removal
5EBHU00	BMD EEPROM Read Error during Inner Shutter Open	1. Replace RBU B/D

Problem Code	Problem Description	Troubleshooting
5EBHV00	BMD EEPROM Write Error during Inner Shutter Open	1. Replace RBU B/D
5EBHW00	BMD EEPROM Verify Error during Inner Shutter Open	1. Replace RBU B/D
5EBHX00	RC7 EEPROM Read Error during Inner Shutter Open	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5EBHY00	RC7 EEPROM Write Error during Inner Shutter Open	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5EBHZ00	RC7 EEPROM Verify Error during Inner Shutter Open	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5EBr000	RBU Response Timeout during Inner Shutter Open	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5EBr700	RBU Response Message Timeout during Inner Shutter Open	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5EBS100	RBU RS-232 Seq Num Echo Error during Inner Shutter Open	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5EBS200	RBU RS-232 MI Echo Error during Inner Shutter Open	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5EBSS00	RBU Auto Calibration Command Parameter Error during Inner Shutter Open	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5ECR100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5ECR200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5ECR300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5ECR600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5EER100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5EER200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5EER300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5EER600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5EUS100	USB Bulk Sequence Error during Shutter Open.	1. Restart over AP-SP
5EUS300	USB Bulk Received Length Error during Shutter Open.	1. Reboot the system
5EUS400	Message transmission Error from USB to Main Task during Shutter Open.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
5EUS500	Message reception Error from MainTask to USB during Shutter Open.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
5EUSCMD	Bulk command data check error during Shutter Open. (USB communication failure)	1. Restart over AP-SP
5EUSCRC	CRC data check error during Shutter Open. (USB communication failure)	1. Restart over AP-SP
5EUSLEN	Bulk length error during Shutter Open. (USB communication failure)	1. Restart over AP-SP
5F1R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5F1R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5F1R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5F1R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5F2R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5F2R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5F2R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5F2R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5F30100	RC3 GS301 Light Jam during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5F30200	RC3 GS302 Light Jam during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F30500	RC3 GS305 Light Jam during Inner Shutter Close	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(C)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5F31100	RC3 GS301 Dark Jam during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F31200	RC3 GS302 Dark Jam during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F31500	RC3 GS305 Dark Jam during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F32100	Error occurred by notes remained in RC3 GS301 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F32200	Error occurred by notes remained in RC3 GS302 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F32500	Error occurred by notes remained in RC3 GS305 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F33100	Sensor auto calibration error in RC3 GS301 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F33200	Sensor auto calibration error in RC3 GS302 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F33500	Sensor auto calibration error in RC3 GS305 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5F34100	Extern lights check error in RC3 GS301 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F34200	Extern lights check error in RC3 GS302 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F34500	Extern lights check error in RC3 GS305 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F35100	Path error on transport path in RC3 GS301 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F35200	Path error on transport path in RC3 GS302 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F35500	Path error on transport path in RC3 GS305 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F36100	Path error on sensor except for transport path in RC3 GS301 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F36200	Path error on sensor except for transport path in RC3 GS302 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F36500	Path error on sensor except for transport path in RC3 GS305 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F37100	Error occurred by the notes disorder in RC3 GS301 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5F37200	Error occurred by the notes disorder in RC3 GS302 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F37500	Error occurred by the notes disorder in RC3 GS305 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F3L100	Remaining notes stack process error in RC3 GS301 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F3L200	Remaining notes stack process error in RC3 GS302 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F3L500	Remaining notes stack process error in RC3 GS305 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F3R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5F3R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5F3R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5F3R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5F40100	RC4 GS401 Light Jam during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F40200	RC4 GS402 Light Jam during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F40500	RC4 GS405 Light Jam during Inner Shutter Close	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(D)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).

Problem Code	Problem Description	Troubleshooting
5F41100	RC4 GS401 Dark Jam during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F41200	RC4 GS402 Dark Jam during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F41500	RC4 GS405 Dark Jam during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F42100	Error occurred by notes remained in RC4 GS401 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F42200	Error occurred by notes remained in RC4 GS402 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F42500	Error occurred by notes remained in RC4 GS405 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F43100	Sensor auto calibration error in RC4 GS401 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F43200	Sensor auto calibration error in RC4 GS402 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F43500	Sensor auto calibration error in RC4 GS405 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F44100	Extern lights check error in RC4 GS401 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5F44200	Extern lights check error in RC4 GS402 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F44500	Extern lights check error in RC4 GS405 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F45100	Path error on transport path in RC4 GS401 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F45200	Path error on transport path in RC4 GS402 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F45500	Path error on transport path in RC4 GS405 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F46100	Path error on sensor except for transport path in RC4 GS401 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F46200	Path error on sensor except for transport path in RC4 GS402 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F46500	Path error on sensor except for transport path in RC4 GS405 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F47100	Error occurred by the notes disorder in RC4 GS401 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F47200	Error occurred by the notes disorder in RC4 GS402 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5F47500	Error occurred by the notes disorder in RC4 GS405 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F4L100	Remaining notes stack process error in RC4 GS401 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F4L200	Remaining notes stack process error in RC4 GS402 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F4L500	Remaining notes stack process error in RC4 GS405 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F4R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5F4R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5F4R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5F4R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5F50100	RC5 GS501 Light Jam during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F50200	RC5 GS502 Light Jam during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F50500	RC5 GS505 Light Jam during Inner Shutter Close	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(E)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5F51100	RC5 GS501 Dark Jam during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5F51200	RC5 GS502 Dark Jam during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F51500	RC5 GS505 Dark Jam during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F52100	Error occurred by notes remained in RC5 GS501 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F52200	Error occurred by notes remained in RC5 GS502 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F52500	Error occurred by notes remained in RC5 GS505 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F53100	Sensor auto calibration error in RC5 GS501 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F53200	Sensor auto calibration error in RC5 GS502 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F53500	Sensor auto calibration error in RC5 GS505 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F54100	Extern lights check error in RC5 GS501 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F54200	Extern lights check error in RC5 GS502 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5F54500	Extern lights check error in RC5 GS505 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F55100	Path error on transport path in RC5 GS501 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F55200	Path error on transport path in RC5 GS502 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F55500	Path error on transport path in RC5 GS505 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F56100	Path error on sensor except for transport path in RC5 GS501 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F56200	Path error on sensor except for transport path in RC5 GS502 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F56500	Path error on sensor except for transport path in RC5 GS505 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F57100	Error occurred by the notes disorder in RC5 GS501 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F57200	Error occurred by the notes disorder in RC5 GS502 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F57500	Error occurred by the notes disorder in RC5 GS505 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5F5L100	Remaining notes stack process error in RC5 GS501 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F5L200	Remaining notes stack process error in RC5 GS502 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F5L500	Remaining notes stack process error in RC5 GS505 during Inner Shutter Close	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5F5R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5F5R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5F5R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5F5R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5F62900	Abnormal Notes in CSM	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5F62Z00	CSM Residue Error during Inner Shutter Close	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5F6GE00	Fail to move CSM Lift to Down position during Inner Shutter Close	1. Open the upper unit. 2. Open the customer service module (CSM) shutter(1)3.Check the notes and substance inside of the CSM
5F6M200	CSM Inner Shutter Open Error during Inner Shutter Close	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
5F6M300	CSM Inner Shutter Close Error during Inner Shutter Close	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
5F6M400	CSM Outer Shutter Open Error during Shutter Close	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light

Problem Code	Problem Description	Troubleshooting
5F6M500	CSM Outer Shutter Close Error during Shutter Close	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
5F6M600	CSM Outer Shutter is Opened during Shutter Close	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
5F6R100	CSM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5F6R200	CSM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5F6R300	CSM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5F6R600	CSM response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5F6RL00	CSM Lift response timeout during Inner Shutter Close	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5F6RS00	CSM Inner Shutter response timeout during Inner Shutter Close	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5F6SA00	CSM Receive undefined command during Inner Shutter Close	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5F6SR00	CSM Sub Task for Wait Setting Error during Inner Shutter Close	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5F72100	Error occurred by notes remained in TSK GS701 during Inner Shutter Close	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5). Remove notes and substance TSK(5)
5F72200	Error occurred by notes remained in TSK GS702 during Inner Shutter Close	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5). Remove notes and substance TSK(5)
5F72300	Error occurred by notes remained in TSK GS703,4 during Inner Shutter Close	1. Open the upper unit2. Check the notes remain in the TSK(5)3. Check the GS701/GS702/GS706/GS707 Sensor4. Remove notes remain in the TSK
5F72Z00	Error occurred by notes remained in TSK All Sensor during Inner Shutter Close	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5). Remove notes and substance TSK(5)
5F7C200	TSK Last note unclear during separation during Inner Shutter Close	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) 4. Close the upper unit5. Initialize

Problem Code	Problem Description	Troubleshooting
5F7R100	TSK response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5F7R200	TSK response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5F7R300	TSK response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5F7R600	TSK response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5F8HA01	GS801A Sensor Error during Shutter Close	1. Check GS801A2. Operate to initialize BRM(Recovery)
5F8HA02	GS801B Sensor Error during Shutter Close	1. Check GS801B2. Operate to initialize BRM(Recovery)
5F8HA03	GS801A, GS801B Sensor Error during Shutter Close	1. Check GS801A, GS801B2. Operate to initialize BRM(Recovery)
5F8HA04	GS802A Sensor Error during Shutter Close	1. Check GS802A2. Operate to initialize BRM(Recovery)
5F8HA05	GS801A, GS802A Sensor Error during Shutter Close	1. Check GS801A, GS802A2. Operate to initialize BRM(Recovery)
5F8HA06	GS801B, GS802A Sensor Error during Shutter Close	1. Check GS801B, GS802A2. Operate to initialize BRM(Recovery)
5F8HA07	GS801A, GS801B, GS802A Sensor Error during Shutter Close	1. Check GS801A, GS801B, GS802A2. Operate to initialize BRM(Recovery)
5F8HA08	GS802B Sensor Error during Shutter Close	1. Check GS802B2. Operate to initialize BRM(Recovery)
5F8HA09	GS801A, GS802B Sensor Error during Shutter Close	1. Check GS801A, GS802B2. Operate to initialize BRM(Recovery)
5F8HA10	GS801B, GS802B Sensor Error during Shutter Close	1. Check GS801B, GS802B2. Operate to initialize BRM(Recovery)
5F8HA11	GS801A, GS801B, GS802B Sensor Error during Shutter Close	1. Check GS801A, GS801B, GS802B2. Operate to initialize BRM(Recovery)
5F8HA12	GS802A, GS802B Sensor Error during Shutter Close	1. Check GS802A, GS802B2. Operate to initialize BRM(Recovery)
5F8HA13	GS801A, GS802A, GS802B Sensor Error during Shutter Close	1. Check GS801A, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5F8HA14	GS801B, GS802A, GS802B Sensor Error during Shutter Close	1. Check GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5F8HA15	GS801A, GS801B, GS802A, GS802B Sensor Error during Shutter Close	1. Check GS801A, GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5F8HB01	MR Sensor Level Error during Shutter Close	1. Check MR Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5F8HC02	UV_01 Sensor Level Error during Shutter Close	1. Check UV Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.

Problem Code	Problem Description	Troubleshooting
5F8HF03	CIS Shading data loading Fail during Shutter Close	1. Operate shading in the BC CIS2. Operate to initialize BRM(Recovery)
5F8HF04	Detection DB Table loading Fail during Shutter Close	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5F8HF05	BC FPGA Data checksum Fail during Shutter Close	1. Check to BC FPGA File2. Operate to initialize BRM(Recovery)
5F8HF06	BC FPGA Configuration Fail during Shutter Close	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5F8HF07	BC FPGA Header Information Loading Fail during Shutter Close	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5F8HF08	BC FPGA Initialize Fail during Shutter Close	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5F8HF09	BC FPGA VERSION Fail during Shutter Close	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5F8HF11	Detection DB #01 loading Fail during Shutter Close	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5F8HF12	Detection DB #02 loading Fail during Shutter Close	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5F8HF13	Detection DB #03 loading Fail during Shutter Close	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5F8HF14	Detection DB #04 loading Fail during Shutter Close	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5F8HF15	Detection DB #05 loading Fail during Shutter Close	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5F8HF16	Detection DB #06 loading Fail during Shutter Close	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5F8HF17	Detection DB #07 loading Fail during Shutter Close	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5F8HF18	Detection DB #08 loading Fail during Shutter Close	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5F8HF19	Detection DB #09 loading Fail during Shutter Close	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5F8HF20	Detection DB #10 loading Fail during Shutter Close	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5F8HG01	Mode Set Error When Receive BC MODE Command (Mode Value is not 1 or 2 ) during Shutter Close	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5F8HG02	Detection Level Set Error When Receive BC MODE Command (Detection Level Value is 0 ) during Shutter Close	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5F8HG03	BC Transaction Ready Fail When Receive BC READY Command during Shutter Close	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5F8HG04	Mode Set Error When Receive BC READY Command (Mode Value is not 1 or 2 ) during Shutter Close	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5F8HG05	Detection Level Set Error When Receive BC READY Command (Detection Level Value is 0 ) during Shutter Close	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5F8HG06	BC Entry Direction Set Error When Receive BC READY Command (Not Deposit-Withdrawal/Stack Direction ) during Shutter Close	1. Check BC putting direction.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5F8HG07	Receive BC Unknown Command during Shutter Close	1. Check BC reception full command.1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization.
5F8HG08	The Number of Nations Set Error When Receive BC DATA WRITE Command (Over 0, 10) during Shutter Close	1. Check the number of supported country.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5F8HG09	Nation Code Set Error When Receive BC DATA WRITE Command during Shutter Close	1. Check the supported country code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5F8HG10	Detection DB of the Nation is not exist When Receive BC DATA WRITE Command during Shutter Close	1. Check the BC recognition DB of country.2. Download DB again after deleting all recognition DB3. Operate to initialize BRM(Recovery)4. Reboot the system when same error occurred after initialization.
5F8HG11	No Nation Code When Receive BC READY Command during Shutter Close	1. Check the country setting value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5F8HG12	BC Version Value Set Error When Receive BC DATA WRITE Command (Not BC FPGA) during Shutter Close	1. Check the BC specifications devision and BC FPGA specifications.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization
5F8HG20	Fail to Initialize CIS When Receive BC READY Command during Shutter Close	1. Operate to initialize BRM(Recovery)2. Check CIS part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5F8HG21	Fail to ENCODER POWER ON When Receive BC READY Command during Shutter Close	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5F8HG22	Fail to adjust DD Sensor DAC When Receive BC READY Command during Shutter Close	1. Operate to initialize BRM(Recovery)2. Check whether the sensor is contaminated or not if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5F8HG23	DD Sensor DAC Set Error When Receive BC READY Command during Shutter Close	1. Operate to initialize BRM(Recovery)2. Check DD sensor part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5F8HG24	ENCODER Mode Set Error When Receive BC READY Command during Shutter Close	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance

Problem Code	Problem Description	Troubleshooting
5F8HG30	Counterfeit Note List CRC Error When Receive BC SERIAL NO Command during Shutter Close	1. Check the forged notes list CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5F8HG31	Not Receive The Number of Counterfeit Note Lists and CRC When Receive BC SERIAL NO Command during Shutter Close	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5F8HG32	Over The Number of Counterfeit Note Lists When Receive BC SERIAL NO Command (Over 200) during Shutter Close	1. Check the whole number of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5F8HG33	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Nation Code 0) during Shutter Close	1. Check the country code of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5F8HG34	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Length Over 2~29) during Shutter Close	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5F8HG36	Note Number Detection Mode Set Error When Receive BC MODE Command (Mode Value is Not 0, 1, 2) during Shutter Close	1. Check to the recognized mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5F8HG37	Transaction Classification Set Error When Receive BC MODE Command (Classification Value is Not 0, 1, 2) during Shutter Close	1. Check to the transaction setting.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5F8HG38	Counterfeit Note List Search Classification Set Error When Receive BC SERIAL NO Command 위조지폐 목록 검색 구분 설정 오류 (Classification Value is Not 1, 2, 3 ) during Shutter Close	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5F8HG39	Counterfeit Note List Note Number Set Error When Receive BC SERIAL NO Command (Use '*' When Search Note Number Part) during Shutter Close	1. Check the forged notes list's note numbers.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5F8HG3A	BC MODE SET Bill Management Level Set Error (Over 1~5) during Shutter Close	1. Check check management mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5F8HG3B	Over The Number of BC MODE SET Back Codes (Over 15) during Shutter Close	1. Check the number of check issued by our bank code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5F8HG40	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use End Number at First When Search Note Number Part) during Shutter Close	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5F8HG41	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use Start Number at Last When Search Note Number Part) during Shutter Close	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5F8HG42	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Wrong Start/End Number Order When Search Note Number Part) during Shutter Close	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5F8HG43	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Use Wrong Length Value When Search Note Number Part) during Shutter Close	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5F8HG44	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Use Wrong Nation Code When Search Note Number Part) during Shutter Close	1. Check the forged notes list's country-code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5F8HG45	Not Receive The Number of Bill Number Tables and CRC When Receive Check No Write Command during Shutter Close	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5F8HG46	Bill Number Error When Receive Check No Write Command during Shutter Close	1. Check the check number when registering check number.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5F8HG47	Bill Number Table Length Set Error When Receive Check No Write Command (Length Over 0~50) during Shutter Close	1. Check check number table's length.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5F8HG48	Bill Number Table CRC Error When Receive Check No Write Command during Shutter Close	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5F8HG49	Over The Number of Bill Number Tables When Receive Check No Write Command (Over 5) during Shutter Close	1. Check check total number of tables.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5F8HH01	Fail to Delete NAND FLASH during Shutter Close	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5F8HH02	NAND FLASH Delete BLOCK Set Error When Download Detection DB during Shutter Close	1. Download DB again after checking recognition DB's delete index.2. Operate to initialize BRM(Recovery)
5F8HH03	Fail to Download Detection DB during Shutter Close	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5F8HH04	NAND FLASH Download BLOCK Set Error When Download Detection DB during Shutter Close	1. Download DB again after checking recognition DB's index.2. Operate to initialize BRM(Recovery)
5F8HH05	Detection DB Download File Check Error during Shutter Close	1. Download DB again after checking recognition DB file.2. Operate to initialize BRM(Recovery)
5F8HH06	Detection DB Download File Size Error during Shutter Close	1. Download DB again after checking recognition DB download file.2. Operate to initialize BRM(Recovery)
5F8HH07	DB Table Save Error After Download Detection DB during Shutter Close	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5F8HH08	Over Detection DB Download (Over 10) during Shutter Close	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5F8HH09	Detection DB Header Information Error during Shutter Close	1. Download DB again after deleting recognition DB.2. Operate to initialize BRM(Recovery)
5F8HH10	EP Download Fail during Shutter Close	1. Re-download BC EP.2. Change the BC B/D if continuous error.
5F8HH11	EP Download Check Error during Shutter Close	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5F8HH12	EP Download File Size Error during Shutter Close	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5F8HH13	EP Download File ID Error (Not EPAP/EPBT/EPFP) during Shutter Close	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5F8HH14	BC FPGA Download Fail during Shutter Close	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
5F8HH15	Header Information Save Error After BC FPGA Download during Shutter Close	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
5F8HH16	Not Provide BC FPGA Download during Shutter Close	1. Check BC FPGA VERSION.2. Change the BC B/D if continuous error.
5F8HH17	EEPROM READ/WRITE Error during Shutter Close	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
5F8HH18	Receive Unit Serial Number Undefined Option during Shutter Close	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
5F8HH19	Receive USB Undefined Command during Shutter Close	1. Check USB Command from BC and retry the operation.2. Check BC version and Update EP3. Change the BC B/D if continuous error.
5F8HH20	No BC Process Note When Receive Image Upload Command during Shutter Close	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5F8HH21	FC1 Set Error When Receive Image Upload Command during Shutter Close	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5F8HH22	BC is Processing Note When Receive Image Upload Command during Shutter Close	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5F8HH23	FC2 Set Error When Receive Image Upload Command during Shutter Close	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5F8HH24	Not Provide Total Image Upload Function during Shutter Close	1. Check if SP or TM is out of date.2. Initialize the BRM.3. If initialization does not fix the problem, contact the technician.
5F8HH25	Not Provide Note Number Detection Image Upload Function during Shutter Close	1. Check BC image save mode.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5F8HH26	FC2 Set Error When Receive Image Information Upload Command during Shutter Close	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5F8HH27	BRM Transaction Mode is Not Same with Image Upload Command Mode during Shutter Close	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5F8HH28	BRM Transaction Mode is Not Same with Replenishment/Collect Cash Image Upload Command Mode during Shutter Close	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.

Problem Code	Problem Description	Troubleshooting
5F8HH29	No BC Process Note When Receive Replenishment/Collect Cash Image Upload Command during Shutter Close	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5F8HH2A	FC1 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Shutter Close	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5F8HH2B	BC is Processing Note When Receive Replenishment/Collect Cash Image Upload Command during Shutter Close	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5F8HH2C	FC2 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Shutter Close	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5F8HH2D	Not Provide Replenishment/Collect Cash Image Upload Function during Shutter Close	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5F8HH2E	Note Image Upload Index is Not Same When Receive Replenishment/Collect Cash Image Upload Command during Shutter Close	1. Get BC log and image.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5F8HI01	RecogTask Messeage Timeout Error during Shutter Close	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5F8HI02	ScanTask Messeage Timeout Error during Shutter Close	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5F8HI03	UartTask Messeage Timeout Error during Shutter Close	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5F8HI04	BcUsbTask Messeage Timeout Error during Shutter Close	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5F8HJ01	Algorithm Initialize Fail during Shutter Close	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5F8HJ02	Algorithm Ready Fail during Shutter Close	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5F8HJ03	Algorithm Information Set Error during Shutter Close	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5F8HK01	Table CRC Error When Set Poly-Note Withdrawal Information during Shutter Close	1. Retry the operation
5F8HK02	CST Note Information Set Number Error When Set Poly-Note Withdrawal Information (n is 0 or over 256) during Shutter Close	1. Check the number of CST Setting notes info
5F8HK03	Withdrawal Note Number Set Error When Set Poly-Note Withdrawal Information ( n is 0 or over 3000) during Shutter Close	1. Check Withdrawal notes setting

Problem Code	Problem Description	Troubleshooting
5F8HK04	Note Information (Not CST Set Note) is Set in Withdrawal Note Information When Set Poly-Note Withdrawal Information during Shutter Close	1. Check Withdrawal notes info
5F8HS01	FPGA Write Data Error When Initialize Scan Driver during Shutter Close	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5F8HS02	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver during Shutter Close	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5F8HS03	Fail to Set CIS Led On Value When Initialize Scan Driver during Shutter Close	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5F8HS04	Fail to Set Source of Scan Light When Initialize Scan Driver during Shutter Close	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5F8HS05	Not Process Shading When Initialize Scan Driver during Shutter Close	1. Perform CiS Shading.2. Operate to initialize BRM(Recovery)
5F8HS08	Fail to Set DAC When Initialize Scan Driver during Shutter Close	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5F8HS11	FPGA Write Data Error When BC Ready during Shutter Close	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5F8HS12	Fail to Power On When BC Ready Sensor(MR/UV/DD/Encoder/Entry Sensor) during Shutter Close	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5F8HS13	Fail to Set CIS Led On Value When BC Ready during Shutter Close	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5F8HS14	Fail to Set Source of Scan Ligh When BC Ready during Shutter Close	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5F8HS15	Not Process Shading When BC Ready during Shutter Close	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5F8HS17	Fail to Set AFE Chip When BC Ready during Shutter Close	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5F8HS18	Fail to Set DAC When BC Ready during Shutter Close	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5F8HS19	MR/UV/DD Sampling Start Error When BC Ready during Shutter Close	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5F8HS1A	Fail to Set 2-Notes DAC When BC Ready during Shutter Close	1. Check whether double notes sensor is contaminate or not.2. Check whether double notes sensor is connected.3. Retry the operation.4. Change the BC if continuous error.
5F8HS1B	2-Notes to 1-Note Adjust Information Error When BC Ready during Shutter Close	1. Perform calibration info about double notes or one note.2. Operate to initialize BRM(Recovery)
5F8HS22	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver When Stop BC during Shutter Close	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5F8HS28	Fail to Set DAC When Stop BC during Shutter Close	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5F8HS29	MR/UV/DD Sampling Stop Error When Stop BC during Shutter Close	1. Retry the operation.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5F8HS31	BC Ready Fail When Process CIS Shading – Use in Plant during Shutter Close	1. Perform calibration info about double notes or one note and double notes DAC2. Retry the operation
5F8HS32	Dark Adjust Fail When Process CIS Shading – Use in Plant during Shutter Close	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Change CIS and Cable5. Change BC
5F8HS33	Over Target Gap When Process CIS Shading Shading – Use in Plant during Shutter Close	1. Retry the operation2. Check CIS Substance3. Check CIS note quality and setting status4. Check CIS Connection Status5. Change BC
5F8HS34	Fail to Write Result Value Flash When Process CIS Shading – Use in Plant during Shutter Close	1. Retry the operation2. Change BC
5F8HS35	BC Stop Fail When Process CIS Shading – Use in Plant during Shutter Close	1. Retry the operation2. Change BC
5F8HS36	Over 10Pixel-Excess-Image When Process CIS Shading during Shutter Close	1. Retry the operation2. Check CIS note quality and setting status3. Check CIS Connection Status4. Change BC
5F8HS37	Dark Shading Result Value is Standard Over When Process CIS Shading during Shutter Close	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Retry the operation5. Change BC
5F8HS38	Max Overtime Ove When Process CIS Shading – Use in Plant during Shutter Close	1. Retry the operation2. Check CIS Substance3. Check CIS note quality and setting status4. Check CIS Connection Status5. Change BC
5F8HS39	Fail to Set Source of Shading Light When Process CIS Shading – Use in Plant during Shutter Close	1. Retry the operation2. Change BC
5F8HS41	Fail to Adjust 2-Notes DAC (Less Than MIN) – Use in Plant during Shutter Close	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the operation4. Change BC
5F8HS42	Fail to Adjust 2-Notes DAC (Over MAX) – Use in Plant during Shutter Close	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the operation4. Change BC
5F8HS43	2-Notes Adjust Flash Write Fail – Use in Plant during Shutter Close	1. Retry the operation2. Change BC
5F8R100	BC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5F8R200	BC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5F8R300	BC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5F8R600	BC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5FA2100	Error occurred by notes remained in GS801 during Inner Shutter Close	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5FA2200	Error occurred by notes remained in GS002 during Inner Shutter Close	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5FA2300	Error occurred by notes remained in GS003 during Inner Shutter Close	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5FA2400	Error occurred by notes remained in GS004 during Inner Shutter Close	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5FA2500	Error occurred by notes remained in GS005 during Inner Shutter Close	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5FA2600	Error occurred by notes remained in GS006 during Inner Shutter Close	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5FA2700	Error occurred by notes remained in GS014 during Inner Shutter Close	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5FA2800	Error occurred by notes remained in GS018 during Inner Shutter Close	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5FA2900	Error occurred by notes remained in GS020 during Inner Shutter Close	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5FA2A00	Error occurred by notes remained in GS021 during Inner Shutter Close	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5FA2C00	Error occurred by notes remained in GS030 during Inner Shutter Close	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5FA2E00	Error occurred by notes remained in GS001 during Inner Shutter Close	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5FA2H00	Error occurred by notes remained in GS618 during Inner Shutter Close	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5FA2J00	Error occurred by notes remained in GS619 during Inner Shutter Close	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5FA2K00	Error occurred by notes remained in GS701,702 during Inner Shutter Close	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5FA2M00	Error occurred by notes remained in GSA01 during Inner Shutter Close	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5FA2N00	Error occurred by notes remained in GSA02 during Inner Shutter Close	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5FA2P00	Error occurred by notes remained in GSA03 during Inner Shutter Close	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5FA2Q00	Error occurred by notes remained in GSD01 during Inner Shutter Close	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5FA2W00	Error occurred by notes remained in GS802 during Inner Shutter Close	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5FAA100	UTC open Error before operation Inner Shutter Close	1. Open the upper unit. 2. Check the UTC removal and reinstallation
5FAA200	TSK open Error before operation Inner Shutter Close	1. Open the upper unit. 2. Check the TSK open and close
5FAA300	BMU Inter Lock Error before operation Inner Shutter Close	1. Check BMU open and close

Problem Code	Problem Description	Troubleshooting
5FAA400	BMU open Error before operation Inner Shutter Close	1. Check BMU open and close
5FAA500	Replenishment CST open Error before operation Inner Shutter Close	1. Check the Transit CST installation
5FAA600	CSM open Error before operation Inner Shutter Close	1. Open the upper unit. 2. Check CSM Open/Close
5FAA800	BMD Inter Lock Error before operation Inner Shutter Close	1. Open the lower unit. 2. Check the BMD open and close
5FAA900	BMD open Error before operation Inner Shutter Close	1. Open the lower unit. 2. Check the BMD open and close
5FAAA00	BC Open Error before operation Inner Shutter Close	1. Open the upper unit. 2. Check BC Open/Close
5FAAB00	RC Full Error before operation Inner Shutter Close	1. Open the lower unit. 2. Check RC Full and remove notes
5FAAC00	RJC Full Error before operation Inner Shutter Close	1. Open the upper unit. 2. Check RJC Full and remove notes
5FAAD00	UTC Full Error before operation Inner Shutter Close	1. Open the upper unit. 2. Remove UTC and open the UTC Door3. Remove notes and reinstallation UTC
5FAAE00	RTC Full Error before operation Inner Shutter Close	1. Open the lower unit. 2. Remove RT/RJC and open the Door3. Remove notes and reinstall RT/RJC
5FAAF00	RC Empty Error before operation Inner Shutter Close	1. Open the lower unit. 2. Remove RC and open the RC Door, Check the Empty Status3. Reinstall the RC
5FAAG00	Suspected note RC open Error before operation Inner Shutter Close	1. Open the lower unit. 2. Check the RC removal and reinstall
5FAAH00	Status of BMU loading in the BMU Test Mode before the operation during Inner Shutter Close	1. Check Load/Removal of the upper unit2. Replace a cherry switch when error occurs
5FAE100	Received operation command without Initial Info Set during Inner Shutter Close	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5FAE200	Status on not operation reception command during Inner Shutter Close	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5FAE300	Received operation command without System Info Read during Inner Shutter Close	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5FAE400	Transaction was executed without Initializing after power on during Inner Shutter Close	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5FAEE00	RBU RS485 communication sequence disorder during Inner Shutter Close	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5FAEF00	RBU RS485 connection line disorder during Inner Shutter Close	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5FAEL00	RBU communication was not ready after power on during Inner Shutter Close	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization

Problem Code	Problem Description	Troubleshooting
5FAH600	Failure to check clearing NVRAM during Inner Shutter Close	1. Operate to initialize BRM(Recovery)
5FAR100	Message timeout error during operation ready during Inner Shutter Close	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5FAR200	Message timeout error during transaction operation during Inner Shutter Close	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5FAR300	Message timeout error during error postprocessing during Inner Shutter Close	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5FAR800	RBU/BC sensor auto dimming response message timeout error during Inner Shutter Close	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5FARC00	BC response message timeout error during Inner Shutter Close	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5FARJ00	Message timeout error during Stop Ready during Inner Shutter Close	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5FBR000	RBU Response Timeout during Inner Shutter Close	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5FBR700	RBU Response Message Timeout during Inner Shutter Close	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5FBS100	RBU RS-232 Seq Num Echo Error during Inner Shutter Close	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5FBS200	RBU RS-232 MI Echo Error during Inner Shutter Close	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5FCR100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5FCR200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5FCR300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5FCR600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5FER100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5FER200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5FER300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5FER600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5FUS100	USB Bulk Sequence Error during Shutter Close.	1. Restart over AP-SP
5FUS300	USB Bulk Received Length Error during Shutter Close.	1. Reboot the system
5FUS400	Message transmission Error from USB to Main Task during Shutter Close.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
5FUS500	Message reception Error from MainTask to USB during Shutter Close.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
5FUSCMD	Bulk command data check error during Shutter Close. (USB communication failure)	1. Restart over AP-SP
5FUSCRC	CRC data check error during Shutter Close. (USB communication failure)	1. Restart over AP-SP
5FUSLEN	Bulk length error during Shutter Close. (USB communication failure)	1. Restart over AP-SP
5GUSCMD	Bulk command data check error during Note Number Read. (USB communication failure)	1. Restart over AP-SP
5GUSCRC	CRC data check error during Note Number Read. (USB communication failure)	1. Restart over AP-SP
5GUSLEN	Bulk length error during Note Number Read. (USB communication failure)	1. Restart over AP-SP
5H1R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5H1R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5H1R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5H1R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5H2R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5H2R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5H2R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5H2R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5H30100	RC3 GS301 Light Jam during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H30200	RC3 GS302 Light Jam during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H30500	RC3 GS305 Light Jam during CST Set Notes Count	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(C)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5H31100	RC3 GS301 Dark Jam during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H31200	RC3 GS302 Dark Jam during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H31500	RC3 GS305 Dark Jam during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H32100	Error occurred by notes remained in RC3 GS301 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H32200	Error occurred by notes remained in RC3 GS302 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H32500	Error occurred by notes remained in RC3 GS305 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5H33100	Sensor auto calibration error in RC3 GS301 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H33200	Sensor auto calibration error in RC3 GS302 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H33500	Sensor auto calibration error in RC3 GS305 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H34100	Extern lights check error in RC3 GS301 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H34200	Extern lights check error in RC3 GS302 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H34500	Extern lights check error in RC3 GS305 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H35100	Path error on transport path in RC3 GS301 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H35200	Path error on transport path in RC3 GS302 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H35500	Path error on transport path in RC3 GS305 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H36100	Path error on sensor except for transport path in RC3 GS301 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5H36200	Path error on sensor except for transport path in RC3 GS302 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H36500	Path error on sensor except for transport path in RC3 GS305 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H37100	Error occurred by the notes disorder in RC3 GS301 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H37200	Error occurred by the notes disorder in RC3 GS302 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H37500	Error occurred by the notes disorder in RC3 GS305 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H3L100	Remaining notes stack process error in RC3 GS301 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H3L200	Remaining notes stack process error in RC3 GS302 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H3L500	Remaining notes stack process error in RC3 GS305 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H3R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5H3R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5H3R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5H3R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5H40100	RC4 GS401 Light Jam during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H40200	RC4 GS402 Light Jam during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H40500	RC4 GS405 Light Jam during CST Set Notes Count	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(D)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5H41100	RC4 GS401 Dark Jam during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H41200	RC4 GS402 Dark Jam during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H41500	RC4 GS405 Dark Jam during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H42100	Error occurred by notes remained in RC4 GS401 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H42200	Error occurred by notes remained in RC4 GS402 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H42500	Error occurred by notes remained in RC4 GS405 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H43100	Sensor auto calibration error in RC4 GS401 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H43200	Sensor auto calibration error in RC4 GS402 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5H43500	Sensor auto calibration error in RC4 GS405 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H44100	Extern lights check error in RC4 GS401 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H44200	Extern lights check error in RC4 GS402 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H44500	Extern lights check error in RC4 GS405 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H45100	Path error on transport path in RC4 GS401 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H45200	Path error on transport path in RC4 GS402 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H45500	Path error on transport path in RC4 GS405 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H46100	Path error on sensor except for transport path in RC4 GS401 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H46200	Path error on sensor except for transport path in RC4 GS402 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H46500	Path error on sensor except for transport path in RC4 GS405 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5H47100	Error occurred by the notes disorder in RC4 GS401 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H47200	Error occurred by the notes disorder in RC4 GS402 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H47500	Error occurred by the notes disorder in RC4 GS405 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H4L100	Remaining notes stack process error in RC4 GS401 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H4L200	Remaining notes stack process error in RC4 GS402 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H4L500	Remaining notes stack process error in RC4 GS405 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H4R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5H4R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5H4R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5H4R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5H50100	RC5 GS501 Light Jam during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H50200	RC5 GS502 Light Jam during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5H50500	RC5 GS505 Light Jam during CST Set Notes Count	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(E)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5H51100	RC5 GS501 Dark Jam during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H51200	RC5 GS502 Dark Jam during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H51500	RC5 GS505 Dark Jam during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H52100	Error occurred by notes remained in RC5 GS501 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H52200	Error occurred by notes remained in RC5 GS502 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H52500	Error occurred by notes remained in RC5 GS505 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H53100	Sensor auto calibration error in RC5 GS501 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H53200	Sensor auto calibration error in RC5 GS502 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H53500	Sensor auto calibration error in RC5 GS505 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H54100	Extern lights check error in RC5 GS501 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5H54200	Extern lights check error in RC5 GS502 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H54500	Extern lights check error in RC5 GS505 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H55100	Path error on transport path in RC5 GS501 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H55200	Path error on transport path in RC5 GS502 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H55500	Path error on transport path in RC5 GS505 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H56100	Path error on sensor except for transport path in RC5 GS501 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H56200	Path error on sensor except for transport path in RC5 GS502 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H56500	Path error on sensor except for transport path in RC5 GS505 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H57100	Error occurred by the notes disorder in RC5 GS501 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H57200	Error occurred by the notes disorder in RC5 GS502 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5H57500	Error occurred by the notes disorder in RC5 GS505 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H5L100	Remaining notes stack process error in RC5 GS501 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H5L200	Remaining notes stack process error in RC5 GS502 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H5L500	Remaining notes stack process error in RC5 GS505 during CST Set Notes Count	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5H5R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5H5R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5H5R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5H5R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5H6H100	CSM EEPROM Write Error (System info inquiry/EEPROM Write) during CST Set Notes Count	1. Check CSM EEPROM2. Cehck CSM EEPROM connection3. Replace CSM B/D if same error occurs during EEPROM R/W
5H6H200	CSM EEPROM Read Error (System info inquiry/EEPROM Read/Wrtie) during CST Set Notes Count	1. Check CSM EEPROM2. Cehck CSM EEPROM connection3. Replace CSM B/D if same error occurs during EEPROM R/W
5H6R100	CSM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5H6R200	CSM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5H6R300	CSM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5H6R600	CSM response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5H7R100	TSK response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5H7R200	TSK response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5H7R300	TSK response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5H7R600	TSK response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5H8HA01	GS801A Sensor Error during CST Set Notes Count	1. Check GS801A2. Operate to initialize BRM(Recovery)
5H8HA02	GS801B Sensor Error during CST Set Notes Count	1. Check GS801B2. Operate to initialize BRM(Recovery)
5H8HA03	GS801A, GS801B Sensor Error during CST Set Notes Count	1. Check GS801A, GS801B2. Operate to initialize BRM(Recovery)
5H8HA04	GS802A Sensor Error during CST Set Notes Count	1. Check GS802A2. Operate to initialize BRM(Recovery)
5H8HA05	GS801A, GS802A Sensor Error during CST Set Notes Count	1. Check GS801A, GS802A2. Operate to initialize BRM(Recovery)
5H8HA06	GS801B, GS802A Sensor Error during CST Set Notes Count	1. Check GS801B, GS802A2. Operate to initialize BRM(Recovery)
5H8HA07	GS801A, GS801B, GS802A Sensor Error during CST Set Notes Count	1. Check GS801A, GS801B, GS802A2. Operate to initialize BRM(Recovery)
5H8HA08	GS802B Sensor Error during CST Set Notes Count	1. Check GS802B2. Operate to initialize BRM(Recovery)
5H8HA09	GS801A, GS802B Sensor Error during CST Set Notes Count	1. Check GS801A, GS802B2. Operate to initialize BRM(Recovery)
5H8HA10	GS801B, GS802B Sensor Error during CST Set Notes Count	1. Check GS801B, GS802B2. Operate to initialize BRM(Recovery)
5H8HA11	GS801A, GS801B, GS802B Sensor Error during CST Set Notes Count	1. Check GS801A, GS801B, GS802B2. Operate to initialize BRM(Recovery)
5H8HA12	GS802A, GS802B Sensor Error during CST Set Notes Count	1. Check GS802A, GS802B2. Operate to initialize BRM(Recovery)
5H8HA13	GS801A, GS802A, GS802B Sensor Error during CST Set Notes Count	1. Check GS801A, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5H8HA14	GS801B, GS802A, GS802B Sensor Error during CST Set Notes Count	1. Check GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5H8HA15	GS801A, GS801B, GS802A, GS802B Sensor Error during CST Set Notes Count	1. Check GS801A, GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5H8HB01	MR Sensor Level Error during CST Set Notes Count	1. Check MR Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5H8HC02	UV_01 Sensor Level Error during CST Set Notes Count	1. Check UV Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.

Problem Code	Problem Description	Troubleshooting
5H8HF03	CIS Shading data loading Fail during CST Set Notes Count	1. Operate shading in the BC CIS2. Operate to initialize BRM(Recovery)
5H8HF04	Detection DB Table loading Fail during CST Set Notes Count	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5H8HF05	BC FPGA Data checksum Fail during CST Set Notes Count	1. Check to BC FPGA File2. Operate to initialize BRM(Recovery)
5H8HF06	BC FPGA Configuration Fail during CST Set Notes Count	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5H8HF07	BC FPGA Header Information Loading Fail during CST Set Notes Count	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5H8HF08	BC FPGA Initialize Fail during CST Set Notes Count	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5H8HF09	BC FPGA VERSION Fail during CST Set Notes Count	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5H8HF11	Detection DB #01 loading Fail during CST Set Notes Count	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5H8HF12	Detection DB #02 loading Fail during CST Set Notes Count	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5H8HF13	Detection DB #03 loading Fail during CST Set Notes Count	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5H8HF14	Detection DB #04 loading Fail during CST Set Notes Count	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5H8HF15	Detection DB #05 loading Fail during CST Set Notes Count	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5H8HF16	Detection DB #06 loading Fail during CST Set Notes Count	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5H8HF17	Detection DB #07 loading Fail during CST Set Notes Count	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5H8HF18	Detection DB #08 loading Fail during CST Set Notes Count	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5H8HF19	Detection DB #09 loading Fail during CST Set Notes Count	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5H8HF20	Detection DB #10 loading Fail during CST Set Notes Count	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5H8HG01	Mode Set Error When Receive BC MODE Command (Mode Value is not 1 or 2 ) during CST Set Notes Count	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5H8HG02	Detection Level Set Error When Receive BC MODE Command (Detection Level Value is 0 ) during CST Set Notes Count	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5H8HG03	BC Transaction Ready Fail When Receive BC READY Command during CST Set Notes Count	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5H8HG04	Mode Set Error When Receive BC READY Command (Mode Value is not 1 or 2 ) during CST Set Notes Count	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5H8HG05	Detection Level Set Error When Receive BC READY Command (Detection Level Value is 0 ) during CST Set Notes Count	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5H8HG06	BC Entry Direction Set Error When Receive BC READY Command (Not Deposit-Withdrawal/Stack Direction ) during CST Set Notes Count	1. Check BC putting direction.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5H8HG07	Receive BC Unknown Command during CST Set Notes Count	1. Check BC reception full command.1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization.
5H8HG08	The Number of Nations Set Error When Receive BC DATA WRITE Command (Over 0, 10) during CST Set Notes Count	1. Check the number of supported country.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5H8HG09	Nation Code Set Error When Receive BC DATA WRITE Command during CST Set Notes Count	1. Check the supported country code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5H8HG10	Detection DB of the Nation is not exist When Receive BC DATA WRITE Command during CST Set Notes Count	1. Check the BC recognition DB of country.2. Download DB again after deleting all recognition DB3. Operate to initialize BRM(Recovery)4. Reboot the system when same error occurred after initialization.
5H8HG11	No Nation Code When Receive BC READY Command during CST Set Notes Count	1. Check the country setting value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5H8HG12	BC Version Value Set Error When Receive BC DATA WRITE Command (Not BC FPGA) during CST Set Notes Count	1. Check the BC specifications devision and BC FPGA specifications.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization
5H8HG20	Fail to Initialize CIS When Receive BC READY Command during CST Set Notes Count	1. Operate to initialize BRM(Recovery)2. Check CIS part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5H8HG21	Fail to ENCODER POWER ON When Receive BC READY Command during CST Set Notes Count	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5H8HG22	Fail to adjust DD Sensor DAC When Receive BC READY Command during CST Set Notes Count	1. Operate to initialize BRM(Recovery)2. Check whether the sensor is contaminated or not if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5H8HG23	DD Sensor DAC Set Error When Receive BC READY Command during CST Set Notes Count	1. Operate to initialize BRM(Recovery)2. Check DD sensor part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5H8HG24	ENCODER Mode Set Error When Receive BC READY Command during CST Set Notes Count	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance

Problem Code	Problem Description	Troubleshooting
5H8HG30	Counterfeit Note List CRC Error When Receive BC SERIAL NO Command during CST Set Notes Count	1. Check the forged notes list CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5H8HG31	Not Receive The Number of Counterfeit Note Lists and CRC When Receive BC SERIAL NO Command during CST Set Notes Count	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5H8HG32	Over The Number of Counterfeit Note Lists When Receive BC SERIAL NO Command (Over 200) during CST Set Notes Count	1. Check the whole number of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5H8HG33	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Nation Code 0) during CST Set Notes Count	1. Check the country code of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5H8HG34	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Length Over 2~29) during CST Set Notes Count	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5H8HG36	Note Number Detection Mode Set Error When Receive BC MODE Command (Mode Value is Not 0, 1, 2) during CST Set Notes Count	1. Check to the recognized mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5H8HG37	Transaction Classification Set Error When Receive BC MODE Command (Classification Value is Not 0, 1, 2) during CST Set Notes Count	1. Check to the transaction setting.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5H8HG38	Counterfeit Note List Search Classification Set Error When Receive BC SERIAL NO Command 위조지폐 목록 검색 구분 설정 오류 (Classification Value is Not 1, 2, 3 ) during CST Set Notes Count	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5H8HG39	Counterfeit Note List Note Number Set Error When Receive BC SERIAL NO Command (Use '*' When Search Note Number Part) during CST Set Notes Count	1. Check the forged notes list's note numbers.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5H8HG3A	BC MODE SET Bill Management Level Set Error (Over 1~5) during CST Set Notes Count	1. Check check management mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5H8HG3B	Over The Number of BC MODE SET Back Codes (Over 15) during CST Set Notes Count	1. Check the number of check issued by our bank code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5H8HG40	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use End Number at First When Search Note Number Part) during CST Set Notes Count	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5H8HG41	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use Start Number at Last When Search Note Number Part) during CST Set Notes Count	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5H8HG42	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Wrong Start/End Number Order When Search Note Number Part) during CST Set Notes Count	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5H8HG43	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Use Wrong Length Value When Search Note Number Part) during CST Set Notes Count	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5H8HG44	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Use Wrong Nation Code When Search Note Number Part) during CST Set Notes Count	1. Check the forged notes list's country-code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5H8HG45	Not Receive The Number of Bill Number Tables and CRC When Receive Check No Write Command during CST Set Notes Count	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5H8HG46	Bill Number Error When Receive Check No Write Command during CST Set Notes Count	1. Check the check number when registering check number.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5H8HG47	Bill Number Table Length Set Error When Receive Check No Write Command (Length Over 0~50) during CST Set Notes Count	1. Check check number table's length.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5H8HG48	Bill Number Table CRC Error When Receive Check No Write Command during CST Set Notes Count	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5H8HG49	Over The Number of Bill Number Tables When Receive Check No Write Command (Over 5) during CST Set Notes Count	1. Check check total number of tables.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5H8HH01	Fail to Delete NAND FLASH during CST Set Notes Count	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5H8HH02	NAND FLASH Delete BLOCK Set Error When Download Detection DB during CST Set Notes Count	1. Download DB again after checking recognition DB's delete index.2. Operate to initialize BRM(Recovery)
5H8HH03	Fail to Download Detection DB during CST Set Notes Count	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5H8HH04	NAND FLASH Download BLOCK Set Error When Download Detection DB during CST Set Notes Count	1. Download DB again after checking recognition DB's index.2. Operate to initialize BRM(Recovery)
5H8HH05	Detection DB Download File Check Error during CST Set Notes Count	1. Download DB again after checking recognition DB file.2. Operate to initialize BRM(Recovery)
5H8HH06	Detection DB Download File Size Error during CST Set Notes Count	1. Download DB again after checking recognition DB download file.2. Operate to initialize BRM(Recovery)
5H8HH07	DB Table Save Error After Download Detection DB during CST Set Notes Count	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5H8HH08	Over Detection DB Download (Over 10) during CST Set Notes Count	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5H8HH09	Detection DB Header Information Error during CST Set Notes Count	1. Download DB again after deleting recognition DB.2. Operate to initialize BRM(Recovery)
5H8HH10	EP Download Fail during CST Set Notes Count	1. Re-download BC EP.2. Change the BC B/D if continuous error.
5H8HH11	EP Download Check Error during CST Set Notes Count	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5H8HH12	EP Download File Size Error during CST Set Notes Count	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5H8HH13	EP Download File ID Error (Not EPAP/EPBT/EPFP) during CST Set Notes Count	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5H8HH14	BC FPGA Download Fail during CST Set Notes Count	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
5H8HH15	Header Information Save Error After BC FPGA Download during CST Set Notes Count	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
5H8HH16	Not Provide BC FPGA Download during CST Set Notes Count	1. Check BC FPGA VERSION.2. Change the BC B/D if continuous error.
5H8HH17	EEPROM READ/WRITE Error during CST Set Notes Count	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
5H8HH18	Receive Unit Serial Number Undefined Option during CST Set Notes Count	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
5H8HH19	Receive USB Undefined Command during CST Set Notes Count	1. Check USB Command from BC and retry the operation.2. Check BC version and Update EP3. Change the BC B/D if continuous error.
5H8HH20	No BC Process Note When Receive Image Upload Command during CST Set Notes Count	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5H8HH21	FC1 Set Error When Receive Image Upload Command during CST Set Notes Count	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5H8HH22	BC is Processing Note When Receive Image Upload Command during CST Set Notes Count	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5H8HH23	FC2 Set Error When Receive Image Upload Command during CST Set Notes Count	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5H8HH24	Not Provide Total Image Upload Function during CST Set Notes Count	1. Check if SP or TM is out of date.2. Initialize the BRM.3. If initialization does not fix the problem, contact the technician.
5H8HH25	Not Provide Note Number Detection Image Upload Function during CST Set Notes Count	1. Check BC image save mode.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5H8HH26	FC2 Set Error When Receive Image Information Upload Command during CST Set Notes Count	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5H8HH27	BRM Transaction Mode is Not Same with Image Upload Command Mode during CST Set Notes Count	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5H8HH28	BRM Transaction Mode is Not Same with Replenishment/Collect Cash Image Upload Command Mode during CST Set Notes Count	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.

Problem Code	Problem Description	Troubleshooting
5H8HH29	No BC Process Note When Receive Replenishment/Collect Cash Image Upload Command during CST Set Notes Count	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5H8HH2A	FC1 Set Error When Receive Replenishment/Collect Cash Image Upload Command during CST Set Notes Count	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5H8HH2B	BC is Processing Note When Receive Replenishment/Collect Cash Image Upload Command during CST Set Notes Count	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5H8HH2C	FC2 Set Error When Receive Replenishment/Collect Cash Image Upload Command during CST Set Notes Count	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5H8HH2D	Not Provide Replenishment/Collect Cash Image Upload Function during CST Set Notes Count	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5H8HH2E	Note Image Upload Index is Not Same When Receive Replenishment/Collect Cash Image Upload Command during CST Set Notes Count	1. Get BC log and image.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5H8HI01	RecogTask Messeage Timeout Error during CST Set Notes Count	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5H8HI02	ScanTask Messeage Timeout Error during CST Set Notes Count	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5H8HI03	UartTask Messeage Timeout Error during CST Set Notes Count	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5H8HI04	BcUsbTask Messeage Timeout Error during CST Set Notes Count	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5H8HJ01	Algorithm Initialize Fail during CST Set Notes Count	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5H8HJ02	Algorithm Ready Fail during CST Set Notes Count	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5H8HJ03	Algorithm Information Set Error during CST Set Notes Count	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5H8HK01	Table CRC Error When Set Poly-Note Withdrawal Information during CST Set Notes Count	1. Retry the operation
5H8HK02	CST Note Information Set Number Error When Set Poly-Note Withdrawal Information (n is 0 or over 256) during CST Set Notes Count	1. Check the number of CST Setting notes info
5H8HK03	Withdrawal Note Number Set Error When Set Poly-Note Withdrawal Information ( n is 0 or over 3000) during CST Set Notes Count	1. Check Withdrawal notes setting

Problem Code	Problem Description	Troubleshooting
5H8HK04	Note Information (Not CST Set Note) is Set in Withdrawal Note Information When Set Poly-Note Withdrawal Information during CST Set Notes Count	1. Check Withdrawal notes info
5H8HS01	FPGA Write Data Error When Initialize Scan Driver during CST Set Notes Count	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5H8HS02	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver during CST Set Notes Count	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5H8HS03	Fail to Set CIS Led On Value When Initialize Scan Driver during CST Set Notes Count	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5H8HS04	Fail to Set Source of Scan Light When Initialize Scan Driver during CST Set Notes Count	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5H8HS05	Not Process Shading When Initialize Scan Driver during CST Set Notes Count	1. Perform CiS Shading.2. Operate to initialize BRM(Recovery)
5H8HS08	Fail to Set DAC When Initialize Scan Driver during CST Set Notes Count	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5H8HS11	FPGA Write Data Error When BC Ready during CST Set Notes Count	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5H8HS12	Fail to Power On When BC Ready Sensor(MR/UV/DD/Encoder/Entry Sensor) during CST Set Notes Count	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5H8HS13	Fail to Set CIS Led On Value When BC Ready during CST Set Notes Count	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5H8HS14	Fail to Set Source of Scan Ligh When BC Ready during CST Set Notes Count	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5H8HS15	Not Process Shading When BC Ready during CST Set Notes Count	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5H8HS17	Fail to Set AFE Chip When BC Ready during CST Set Notes Count	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5H8HS18	Fail to Set DAC When BC Ready during CST Set Notes Count	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5H8HS19	MR/UV/DD Sampling Start Error When BC Ready during CST Set Notes Count	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5H8HS1A	Fail to Set 2-Notes DAC When BC Ready during CST Set Notes Count	1. Check whether double notes sensor is contaminate or not.2. Check whether double notes sensor is connected.3. Retry the operation.4. Change the BC if continuous error.
5H8HS1B	2-Notes to 1-Note Adjust Information Error When BC Ready during CST Set Notes Count	1. Perform calibration info about double notes or one note.2. Operate to initialize BRM(Recovery)
5H8HS22	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver When Stop BC during CST Set Notes Count	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5H8HS28	Fail to Set DAC When Stop BC during CST Set Notes Count	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5H8HS29	MR/UV/DD Sampling Stop Error When Stop BC during CST Set Notes Count	1. Retry the operation.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5H8HS31	BC Ready Fail When Process CIS Shading – Use in Plant during CST Set Notes Count	1. Perform calibration info about double notes or one note and double notes DAC2. Retry the operation
5H8HS32	Dark Adjust Fail When Process CIS Shading – Use in Plant during CST Set Notes Count	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Change CIS and Cable5. Change BC
5H8HS33	Over Target Gap When Process CIS Shading Shading – Use in Plant during CST Set Notes Count	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
5H8HS34	Fail to Write Result Value Flash When Process CIS Shading – Use in Plant during CST Set Notes Count	1. Retry the operation2. Change BC
5H8HS35	BC Stop Fail When Process CIS Shading – Use in Plant during CST Set Notes Count	1. Retry the operation2. Change BC
5H8HS36	Over 10Pixel-Excess-Image When Process CIS Shading during CST Set Notes Count	1. Retry the operation2. Check CIS note quility and setting status3. Check CIS Connection Status4. Change BC
5H8HS37	Dark Shading Result Value is Standard Over When Process CIS Shading during CST Set Notes Count	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Retry the operation5. Change BC
5H8HS38	Max Ontime Ove When Process CIS Shadingr – Use in Plant during CST Set Notes Count	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
5H8HS39	Fail to Set Source of Shading Light When Process CIS Shading – Use in Plant during CST Set Notes Count	1. Retry the operation2. Change BC
5H8HS41	Fail to Adjust 2-Notes DAC (Less Than MIN) – Use in Plant during CST Set Notes Count	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the operation4. Change BC
5H8HS42	Fail to Adjust 2-Notes DAC (Over MAX) – Use in Plant during CST Set Notes Count	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the operation4. Change BC
5H8HS43	2-Notes Adjust Flash Write Fail – Use in Plant during CST Set Notes Count	1. Retry the operation2. Change BC
5H8R100	BC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5H8R200	BC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5H8R300	BC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5H8R600	BC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5HAA100	UTC open Error before operation Set Notes Count	1. Open the upper unit. 2. Check the UTC removal and reinstallation
5HAA200	TSK open Error before operation Set Notes Count	1. Open the upper unit. 2. Check the TSK open and close

Problem Code	Problem Description	Troubleshooting
5HAA300	BMU Inter Lock Error before operation Set Notes Count	1. Check BMU open and close
5HAA400	BMU open Error before operation Set Notes Count	1. Check BMU open and close
5HAA500	Replenishment CST open Error before operation Set Notes Count	1. Check the Transit CST installation
5HAA600	CSM open Error before operation Set Notes Count	1. Open the upper unit. 2. Check CSM Open/Close
5HAA800	BMD Inter Lock Error before operation Set Notes Count	1. Open the lower unit. 2. Check the BMD open and close
5HAA900	BMD open Error before operation Set Notes Count	1. Open the lower unit. 2. Check the BMD open and close
5HAAA00	BC Open Error before operation Set Notes Count	1. Open the upper unit. 2. Check BC Open/Close
5HAAB00	RC Full Error before operation Set Notes Count	1. Open the lower unit. 2. Check RC Full and remove notes
5HAAC00	RJC Full Error before operation Set Notes Count	1. Open the upper unit. 2. Check RJC Full and remove notes
5HAAD00	UTC Full Error before operation Set Notes Count	1. Open the upper unit. 2. Remove UTC and open the UTC Door3. Remove notes and reinstallation UTC
5HAAE00	RTC Full Error before operation Set Notes Count	1. Open the lower unit. 2. Remove RT/RJC and open the Door3. Remove notes and reinstall RT/RJC
5HAAF00	RC Empty Error before operation Set Notes Count	1. Open the lower unit. 2. Remove RC and open the RC Door, Check the Empty Status3. Reinstall the RC
5HAAG00	Suspected note RC open Error before operation Set Notes Count	1. Open the lower unit. 2. Check the RC removal and reinstall
5HAE100	Received operation command without Initial Info Set during Set Notes Count	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5HAE200	Status on not operation reception command during Set Notes Count	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5HAE300	Received operation command without System Info Read during Set Notes Count	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5HAE400	Transaction was executed without Initializing after power on during Set Notes Count	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5HAEEO0	RBU RS485 communication sequence disorder during Set Notes Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5HAEF00	RBU RS485 connection line disorder during Set Notes Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5HAEL00	RBU communication was not ready after power on during Set Notes Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5HAH600	Failure to check clearing NVRAM during Set Notes Count	1. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5HAS900	RC1 received denomination is not BRM use denomination during Set Notes Count	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5HASA00	RC2 received denomination is not BRM use denomination during Set Notes Count	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5HASB00	RC3 received denomination is not BRM use denomination during Set Notes Count	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5HASC00	RC4 received denomination is not BRM use denomination during Set Notes Count	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5HASD00	RC5 received denomination is not BRM use denomination during Set Notes Count	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5HASE00	RC6 received denomination is not BRM use denomination during Set Notes Count	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5HASF00	UTC received denomination is not BRM use denomination during Set Notes Count	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5HASG00	RTC received denomination is not BRM use denomination during Set Notes Count	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5HASH00	Received count coming out from RC1 is more than Remain count during Set Notes Count	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5HASJ00	Received count coming out from RC2 is more than Remain count during Set Notes Count	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5HASK00	Received count coming out from RC3 is more than Remain count during Set Notes Count	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5HASL00	Received count coming out from RC4 is more than Remain count during Set Notes Count	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5HASM00	Received count coming out from RC5 is more than Remain count during Set Notes Count	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5HASN00	Received count coming out from RC6 is more than Remain count during Set Notes Count	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5HASP00	Received count coming out from UTC is more than Remain count during Set Notes Count	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5HASQ00	Received count coming out from RTC is more than Remain count during Set Notes Count	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5HASR00	Received count coming out from CST is more than Remain count during Set Notes Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5HASS00	Error of setting module except RC1~7 and RJC CST during Set Notes Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5HAST00	CST received denomination is not BRM use denomination during Set Notes Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5HASU00	Box set error during Set Notes Count (several box set or no box set)	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5HASV00	Set cassette with operation mode deposit/withdrawal, withdrawal during Set Notes Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5HASW00	Set Count is 0 or 256 exceed during Set Notes Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5HASX00	RC7 received denomination is not BRM use denomination during Set Notes Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5HASY00	Received count coming out from RC7 is more than Remain count during Set Notes Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5HBH100	RC1 EEPROM Read Error during Set Notes Count	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5HBH200	RC2 EEPROM Read Error during Set Notes Count	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5HBH300	RC3 EEPROM Read Error during Set Notes Count	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5HBH400	RC4 EEPROM Read Error during Set Notes Count	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5HBH500	RC5 EEPROM Read Error during Set Notes Count	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5HBH600	RC6 EEPROM Read Error during Set Notes Count	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5HBH700	RC1 EEPROM Write Error during Set Notes Count	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5HBH800	RC2 EEPROM Write Error during Set Notes Count	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization

Problem Code	Problem Description	Troubleshooting
5HBH900	RC3 EEPROM Write Error during Set Notes Count	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5HBHA00	RC4 EEPROM Write Error during Set Notes Count	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5HBHB00	RC5 EEPROM Write Error during Set Notes Count	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5HBHC00	RC6 EEPROM Write Error during Set Notes Count	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5HBHD00	RC1 EEPROM Verify Error during Set Notes Count	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5HBHE00	RC2 EEPROM Verify Error during Set Notes Count	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5HBHF00	RC3 EEPROM Verify Error during Set Notes Count	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5HBHG00	RC4 EEPROM Verify Error during Set Notes Count	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5HBHH00	RC5 EEPROM Verify Error during Set Notes Count	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5HBHJ00	RC6 EEPROM Verify Error during Set Notes Count	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5HBHK00	BMD Open Error During EEPROM Read/Write during Set Notes Count	1. Check the lower Unit load/removal
5HBHU00	BMD EEPROM Read Error during Set Notes Count	1. Replace RBU B/D
5HBHV00	BMD EEPROM Write Error during Set Notes Count	1. Replace RBU B/D
5HBHW00	BMD EEPROM Verify Error during Set Notes Count	1. Replace RBU B/D
5HBHX00	RC7 EEPROM Read Error during Set Notes Count	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5HBHY00	RC7 EEPROM Write Error during Set Notes Count	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5HBHZ00	RC7 EEPROM Verify Error during Set Notes Count	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5HBR000	RBU Response Timeout during Set Notes Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5HBR700	RBU Response Message Timeout during Set Notes Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5HBS100	RBU RS-232 Seq Num Echo Error during Set Notes Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5HBS200	RBU RS-232 MI Echo Error during Set Notes Count	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5HCR100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5HCR200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5HCR300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5HCR600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5HEH800	CST EEPROM Write Error during Set Notes Count	1. Check CSM EEPROM2. Cehck CSM EEPROM connection3. Replace CSM B/D if same error occurs during EEPROM R/W
5HEH900	CST EEPROM Read Error during Set Notes Count	1. Check CSM EEPROM2. Cehck CSM EEPROM connection3. Replace CSM B/D if same error occurs during EEPROM R/W
5HER100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5HER200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5HER300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5HER600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5HUS100	USB Bulk Sequence Error during Set Notes Count.	1. Restart over AP-SP
5HUS300	USB Bulk Received Length Error during Set Notes Count.	1. Reboot the system
5HUS400	Message transmission Error from USB to Main Task during Set Notes Count.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
5HUS500	Message reception Error from MainTask to USB during Set Notes Count.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
5HUSCMD	Bulk command data check error during CST Set Notes Count. (USB communication failure)	1. Restart over AP-SP

Problem Code	Problem Description	Troubleshooting
5HUSCRC	CRC data check error during CST Set Notes Count. (USB communication failure)	1. Restart over AP-SP
5HUSLEN	Bulk length error during CST Set Notes Count. (USB communication failure)	1. Restart over AP-SP
5J1R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5J1R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5J1R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5J1R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5J2R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5J2R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5J2R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5J2R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5J30100	RC3 GS301 Light Jam during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J30200	RC3 GS302 Light Jam during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J30500	RC3 GS305 Light Jam during Stop Ready	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(C).4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5J31100	RC3 GS301 Dark Jam during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5J31200	RC3 GS302 Dark Jam during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J31500	RC3 GS305 Dark Jam during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J32100	Error occurred by notes remained in RC3 GS301 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J32200	Error occurred by notes remained in RC3 GS302 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J32500	Error occurred by notes remained in RC3 GS305 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J33100	Sensor auto calibration error in RC3 GS301 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J33200	Sensor auto calibration error in RC3 GS302 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J33500	Sensor auto calibration error in RC3 GS305 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J34100	Extern lights check error in RC3 GS301 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J34200	Extern lights check error in RC3 GS302 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5J34500	Extern lights check error in RC3 GS305 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J35100	Path error on transport path in RC3 GS301 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J35200	Path error on transport path in RC3 GS302 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J35500	Path error on transport path in RC3 GS305 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J36100	Path error on sensor except for transport path in RC3 GS301 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J36200	Path error on sensor except for transport path in RC3 GS302 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J36500	Path error on sensor except for transport path in RC3 GS305 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J37100	Error occurred by the notes disorder in RC3 GS301 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J37200	Error occurred by the notes disorder in RC3 GS302 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J37500	Error occurred by the notes disorder in RC3 GS305 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5J3L100	Remaining notes stack process error in RC3 GS301 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J3L200	Remaining notes stack process error in RC3 GS302 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J3L500	Remaining notes stack process error in RC3 GS305 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J3R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5J3R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5J3R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5J3R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5J40100	RC4 GS401 Light Jam during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J40200	RC4 GS402 Light Jam during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J40500	RC4 GS405 Light Jam during Stop Ready	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(D)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5J41100	RC4 GS401 Dark Jam during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J41200	RC4 GS402 Dark Jam during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5J41500	RC4 GS405 Dark Jam during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J42100	Error occurred by notes remained in RC4 GS401 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J42200	Error occurred by notes remained in RC4 GS402 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J42500	Error occurred by notes remained in RC4 GS405 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J43100	Sensor auto calibration error in RC4 GS401 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J43200	Sensor auto calibration error in RC4 GS402 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J43500	Sensor auto calibration error in RC4 GS405 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J44100	Extern lights check error in RC4 GS401 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J44200	Extern lights check error in RC4 GS402 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J44500	Extern lights check error in RC4 GS405 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5J45100	Path error on transport path in RC4 GS401 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J45200	Path error on transport path in RC4 GS402 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J45500	Path error on transport path in RC4 GS405 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J46100	Path error on sensor except for transport path in RC4 GS401 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J46200	Path error on sensor except for transport path in RC4 GS402 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J46500	Path error on sensor except for transport path in RC4 GS405 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J47100	Error occurred by the notes disorder in RC4 GS401 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J47200	Error occurred by the notes disorder in RC4 GS402 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J47500	Error occurred by the notes disorder in RC4 GS405 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J4L100	Remaining notes stack process error in RC4 GS401 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5J4L200	Remaining notes stack process error in RC4 GS402 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J4L500	Remaining notes stack process error in RC4 GS405 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J4R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5J4R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5J4R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5J4R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5J50100	RC5 GS501 Light Jam during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J50200	RC5 GS502 Light Jam during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J50500	RC5 GS505 Light Jam during Stop Ready	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(E)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5J51100	RC5 GS501 Dark Jam during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J51200	RC5 GS502 Dark Jam during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J51500	RC5 GS505 Dark Jam during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5J52100	Error occurred by notes remained in RC5 GS501 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J52200	Error occurred by notes remained in RC5 GS502 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J52500	Error occurred by notes remained in RC5 GS505 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J53100	Sensor auto calibration error in RC5 GS501 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J53200	Sensor auto calibration error in RC5 GS502 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J53500	Sensor auto calibration error in RC5 GS505 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J54100	Extern lights check error in RC5 GS501 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J54200	Extern lights check error in RC5 GS502 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J54500	Extern lights check error in RC5 GS505 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J55100	Path error on transport path in RC5 GS501 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5J55200	Path error on transport path in RC5 GS502 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J55500	Path error on transport path in RC5 GS505 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J56100	Path error on sensor except for transport path in RC5 GS501 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J56200	Path error on sensor except for transport path in RC5 GS502 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J56500	Path error on sensor except for transport path in RC5 GS505 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J57100	Error occurred by the notes disorder in RC5 GS501 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J57200	Error occurred by the notes disorder in RC5 GS502 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J57500	Error occurred by the notes disorder in RC5 GS505 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J5L100	Remaining notes stack process error in RC5 GS501 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J5L200	Remaining notes stack process error in RC5 GS502 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5J5L500	Remaining notes stack process error in RC5 GS505 during Stop Ready	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5J5R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5J5R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5J5R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5J5R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5J62Z00	CSM Residue Error during during Stop Ready	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5J6R100	CSM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5J6R200	CSM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5J6R300	CSM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5J6R600	CSM response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5J72100	Error occurred by notes remained in TSK GS701 during Stop Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5J72200	Error occurred by notes remained in TSK GS702 during Stop Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5J72300	Error occurred by notes remained in TSK GS703,4 during Stop Ready	1. Open the upper unit2. Check the notes remain in the TSK(5)3. Check the GS701/GS702/GS706/GS707 Sensor4. Remove notes remain in the TSK
5J72Z00	Error occurred by notes remained in TSK All Sensor during Stop Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)

Problem Code	Problem Description	Troubleshooting
5J77100	Error occurred by the notes disorder in TSK GS701 during Stop Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5J77200	Error occurred by the notes disorder in TSK GS702 during Stop Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5J77300	Error occurred by the notes disorder in TSK GS703,4 during Stop Ready	1. Open the upper unit2. Check the notes remain in the TSK(5)3. Check the GS701/GS702/GS706/GS707 Sensor4. Remove notes remain in the TSK
5J77Z00	Error occurred by the notes disorder in TSK All during Stop Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5J7C200	TSK Last note unclear during separation during Stop Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5J7L100	Remaining notes stack process error in TSK GS701 during Stop Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5J7L200	Remaining notes stack process error in TSK GS702 during Stop Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5J7L300	Remaining notes stack process error in TSK GS703,4 during Stop Ready	1. Open the upper unit2. Check the notes remain in the TSK(5)3. Check the GS701/GS702/GS706/GS707 Sensor4. Remove notes remain in the TSK
5J7LZ00	Remaining notes stack process error in TSK All during Stop Ready	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5J7Q700	TSK Door Open during operation in Stop Ready	1. Close the door of TSK(5)
5J7R100	TSK response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5J7R200	TSK response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5J7R300	TSK response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5J7R600	TSK response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5J7RF00	TSK Feed Motor response timeout in Stop Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5J7RP00	TSK PP response timeout in Stop Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5J7RT00	TSK Stopper response timeout in Stop Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5J7S200	TSK Receive undefined command in Stop Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5J7SR00	TSK Sub Task for Wait Setting Error in Stop Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5J8HA01	GS801A Sensor Error during Stop Ready	1. Check GS801A2. Operate to initialize BRM(Recovery)
5J8HA02	GS801B Sensor Error during Stop Ready	1. Check GS801B2. Operate to initialize BRM(Recovery)
5J8HA03	GS801A, GS801B Sensor Error during Stop Ready	1. Check GS801A, GS801B2. Operate to initialize BRM(Recovery)
5J8HA04	GS802A Sensor Error during Stop Ready	1. Check GS802A2. Operate to initialize BRM(Recovery)
5J8HA05	GS801A, GS802A Sensor Error during Stop Ready	1. Check GS801A, GS802A2. Operate to initialize BRM(Recovery)
5J8HA06	GS801B, GS802A Sensor Error during Stop Ready	1. Check GS801B, GS802A2. Operate to initialize BRM(Recovery)
5J8HA07	GS801A, GS801B, GS802A Sensor Error during Stop Ready	1. Check GS801A, GS801B, GS802A2. Operate to initialize BRM(Recovery)
5J8HA08	GS802B Sensor Error during Stop Ready	1. Check GS802B2. Operate to initialize BRM(Recovery)
5J8HA09	GS801A, GS802B Sensor Error during Stop Ready	1. Check GS801A, GS802B2. Operate to initialize BRM(Recovery)
5J8HA10	GS801B, GS802B Sensor Error during Stop Ready	1. Check GS801B, GS802B2. Operate to initialize BRM(Recovery)
5J8HA11	GS801A, GS801B, GS802B Sensor Error during Stop Ready	1. Check GS801A, GS801B, GS802B2. Operate to initialize BRM(Recovery)
5J8HA12	GS802A, GS802B Sensor Error during Stop Ready	1. Check GS802A, GS802B2. Operate to initialize BRM(Recovery)
5J8HA13	GS801A, GS802A, GS802B Sensor Error during Stop Ready	1. Check GS801A, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5J8HA14	GS801B, GS802A, GS802B Sensor Error during Stop Ready	1. Check GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5J8HA15	GS801A, GS801B, GS802A, GS802B Sensor Error during Stop Ready	1. Check GS801A, GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5J8HB01	MR Sensor Level Error during Stop Ready	1. Check MR Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5J8HC02	UV_01 Sensor Level Error during Stop Ready	1. Check UV Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.

Problem Code	Problem Description	Troubleshooting
5J8HF03	CIS Shading data loading Fail during Stop Ready	1. Operate shading in the BC CIS2. Operate to initialize BRM(Recovery)
5J8HF04	Detection DB Table loading Fail during Stop Ready	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5J8HF05	BC FPGA Data checksum Fail during Stop Ready	1. Check to BC FPGA File2. Operate to initialize BRM(Recovery)
5J8HF06	BC FPGA Configuration Fail during Stop Ready	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5J8HF07	BC FPGA Header Information Loading Fail during Stop Ready	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5J8HF08	BC FPGA Initialize Fail during Stop Ready	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5J8HF09	BC FPGA VERSION Fail during Stop Ready	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5J8HF11	Detection DB #01 loading Fail during Stop Ready	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5J8HF12	Detection DB #02 loading Fail during Stop Ready	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5J8HF13	Detection DB #03 loading Fail during Stop Ready	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5J8HF14	Detection DB #04 loading Fail during Stop Ready	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5J8HF15	Detection DB #05 loading Fail during Stop Ready	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5J8HF16	Detection DB #06 loading Fail during Stop Ready	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5J8HF17	Detection DB #07 loading Fail during Stop Ready	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5J8HF18	Detection DB #08 loading Fail during Stop Ready	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5J8HF19	Detection DB #09 loading Fail during Stop Ready	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5J8HF20	Detection DB #10 loading Fail during Stop Ready	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5J8HG01	Mode Set Error When Receive BC MODE Command (Mode Value is not 1 or 2 ) during Stop Ready	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5J8HG02	Detection Level Set Error When Receive BC MODE Command (Detection Level Value is 0 ) during Stop Ready	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5J8HG03	BC Transaction Ready Fail When Receive BC READY Command during Stop Ready	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5J8HG04	Mode Set Error When Receive BC READY Command (Mode Value is not 1 or 2 ) during Stop Ready	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5J8HG05	Detection Level Set Error When Receive BC READY Command (Detection Level Value is 0 ) during Stop Ready	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5J8HG06	BC Entry Direction Set Error When Receive BC READY Command (Not Deposit-Withdrawal/Stack Direction ) during Stop Ready	1. Check BC putting direction.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5J8HG07	Receive BC Unknown Command during Stop Ready	1. Check BC reception full command.1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization.
5J8HG08	The Number of Nations Set Error When Receive BC DATA WRITE Command (Over 0, 10) during Stop Ready	1. Check the number of supported country.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5J8HG09	Nation Code Set Error When Receive BC DATA WRITE Command during Stop Ready	1. Check the supported country code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5J8HG10	Detection DB of the Nation is not exist When Receive BC DATA WRITE Command during Stop Ready	1. Check the BC recognition DB of country.2. Download DB again after deleting all recognition DB3. Operate to initialize BRM(Recovery)4. Reboot the system when same error occurred after initialization.
5J8HG11	No Nation Code When Receive BC READY Command during Stop Ready	1. Check the country setting value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5J8HG12	BC Version Value Set Error When Receive BC DATA WRITE Command (Not BC FPGA) during Stop Ready	1. Check the BC specifications devision and BC FPGA specifications.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization
5J8HG20	Fail to Initialize CIS When Receive BC READY Command during Stop Ready	1. Operate to initialize BRM(Recovery)2. Check CIS part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5J8HG21	Fail to ENCODER POWER ON When Receive BC READY Command during Stop Ready	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5J8HG22	Fail to adjust DD Sensor DAC When Receive BC READY Command during Stop Ready	1. Operate to initialize BRM(Recovery)2. Check whether the sensor is contaminated or not if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5J8HG23	DD Sensor DAC Set Error When Receive BC READY Command during Stop Ready	1. Operate to initialize BRM(Recovery)2. Check DD sensor part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5J8HG24	ENCODER Mode Set Error When Receive BC READY Command during Stop Ready	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance

Problem Code	Problem Description	Troubleshooting
5J8HG30	Counterfeit Note List CRC Error When Receive BC SERIAL NO Command during Stop Ready	1. Check the forged notes list CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5J8HG31	Not Receive The Number of Counterfeit Note Lists and CRC When Receive BC SERIAL NO Command during Stop Ready	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5J8HG32	Over The Number of Counterfeit Note Lists When Receive BC SERIAL NO Command (Over 200) during Stop Ready	1. Check the whole number of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5J8HG33	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Nation Code 0) during Stop Ready	1. Check the country code of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5J8HG34	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Length Over 2~29) during Stop Ready	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5J8HG36	Note Number Detection Mode Set Error When Receive BC MODE Command (Mode Value is Not 0, 1, 2) during Stop Ready	1. Check to the recognized mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5J8HG37	Transaction Classification Set Error When Receive BC MODE Command (Classification Value is Not 0, 1, 2) during Stop Ready	1. Check to the transaction setting.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5J8HG38	Counterfeit Note List Search Classification Set Error When Receive BC SERIAL NO Command 위조지폐 목록 검색 구분 설정 오류 (Classification Value is Not 1, 2, 3 ) during Stop Ready	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5J8HG39	Counterfeit Note List Note Number Set Error When Receive BC SERIAL NO Command (Use '*' When Search Note Number Part) during Stop Ready	1. Check the forged notes list's note numbers.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5J8HG3A	BC MODE SET Bill Management Level Set Error (Over 1~5) during Stop Ready	1. Check check management mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5J8HG3B	Over The Number of BC MODE SET Back Codes (Over 15) during Stop Ready	1. Check the number of check issued by our bank code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5J8HG40	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use End Number at First When Search Note Number Part) during Stop Ready	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5J8HG41	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use Start Number at Last When Search Note Number Part) during Stop Ready	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5J8HG42	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Wrong Start/End Number Order When Search Note Number Part) during Stop Ready	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5J8HG43	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Use Wrong Length Value When Search Note Number Part) during Stop Ready	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5J8HG44	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Use Wrong Nation Code When Search Note Number Part) during Stop Ready	1. Check the forged notes list's country-code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5J8HG45	Not Receive The Number of Bill Number Tables and CRC When Receive Check No Write Command during Stop Ready	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5J8HG46	Bill Number Error When Receive Check No Write Command during Stop Ready	1. Check the check number when registering check number.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5J8HG47	Bill Number Table Length Set Error When Receive Check No Write Command (Length Over 0~50) during Stop Ready	1. Check check number table's length.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5J8HG48	Bill Number Table CRC Error When Receive Check No Write Command during Stop Ready	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5J8HG49	Over The Number of Bill Number Tables When Receive Check No Write Command (Over 5) during Stop Ready	1. Check check total number of tables.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5J8HH01	Fail to Delete NAND FLASH during Stop Ready	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5J8HH02	NAND FLASH Delete BLOCK Set Error When Download Detection DB during Stop Ready	1. Download DB again after checking recognition DB's delete index.2. Operate to initialize BRM(Recovery)
5J8HH03	Fail to Download Detection DB during Stop Ready	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5J8HH04	NAND FLASH Download BLOCK Set Error When Download Detection DB during Stop Ready	1. Download DB again after checking recognition DB's index.2. Operate to initialize BRM(Recovery)
5J8HH05	Detection DB Download File Check Error during Stop Ready	1. Download DB again after checking recognition DB file.2. Operate to initialize BRM(Recovery)
5J8HH06	Detection DB Download File Size Error during Stop Ready	1. Download DB again after checking recognition DB download file.2. Operate to initialize BRM(Recovery)
5J8HH07	DB Table Save Error After Download Detection DB during Stop Ready	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5J8HH08	Over Detection DB Download (Over 10) during Stop Ready	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5J8HH09	Detection DB Header Information Error during Stop Ready	1. Download DB again after deleting recognition DB.2. Operate to initialize BRM(Recovery)
5J8HH10	EP Download Fail during Stop Ready	1. Re-download BC EP.2. Change the BC B/D if continuous error.
5J8HH11	EP Download Check Error during Stop Ready	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5J8HH12	EP Download File Size Error during Stop Ready	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5J8HH13	EP Download File ID Error (Not EPAP/EPBT/EPFP) during Stop Ready	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5J8HH14	BC FPGA Download Fail during Stop Ready	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
5J8HH15	Header Information Save Error After BC FPGA Download during Stop Ready	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
5J8HH16	Not Provide BC FPGA Download during Stop Ready	1. Check BC FPGA VERSION.2. Change the BC B/D if continuous error.
5J8HH17	EEPROM READ/WRITE Error during Stop Ready	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
5J8HH18	Receive Unit Serial Number Undefined Option during Stop Ready	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
5J8HH19	Receive USB Undefined Command during Stop Ready	1. Check USB Command from BC and retry the operation.2. Check BC version and Update EP3. Change the BC B/D if continuous error.
5J8HH20	No BC Process Note When Receive Image Upload Command during Stop Ready	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5J8HH21	FC1 Set Error When Receive Image Upload Command during Stop Ready	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5J8HH22	BC is Processing Note When Receive Image Upload Command during Stop Ready	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5J8HH23	FC2 Set Error When Receive Image Upload Command during Stop Ready	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5J8HH24	Not Provide Total Image Upload Function during Stop Ready	1. Check if SP or TM is out of date.2. Initialize the BRM.3. If initialization does not fix the problem, contact the technician.
5J8HH25	Not Provide Note Number Detection Image Upload Function during Stop Ready	1. Check BC image save mode.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5J8HH26	FC2 Set Error When Receive Image Information Upload Command during Stop Ready	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5J8HH27	BRM Transaction Mode is Not Same with Image Upload Command Mode during Stop Ready	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5J8HH28	BRM Transaction Mode is Not Same with Replenishment/Collect Cash Image Upload Command Mode during Stop Ready	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.

Problem Code	Problem Description	Troubleshooting
5J8HH29	No BC Process Note When Receive Replenishment/Collect Cash Image Upload Command during Stop Ready	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5J8HH2A	FC1 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Stop Ready	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5J8HH2B	BC is Processing Note When Receive Replenishment/Collect Cash Image Upload Command during Stop Ready	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5J8HH2C	FC2 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Stop Ready	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5J8HH2D	Not Provide Replenishment/Collect Cash Image Upload Function during Stop Ready	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5J8HH2E	Note Image Upload Index is Not Same When Receive Replenishment/Collect Cash Image Upload Command during Stop Ready	1. Get BC log and image.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5J8HI01	RecogTask Messeage Timeout Error during Stop Ready	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5J8HI02	ScanTask Messeage Timeout Error during Stop Ready	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5J8HI03	UartTask Messeage Timeout Error during Stop Ready	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5J8HI04	BcUsbTask Messeage Timeout Error during Stop Ready	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5J8HJ01	Algorithm Initialize Fail during Stop Ready	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5J8HJ02	Algorithm Ready Fail during Stop Ready	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5J8HJ03	Algorithm Information Set Error during Stop Ready	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5J8HK01	Table CRC Error When Set Poly-Note Withdrawal Information during Stop Ready	1. Retry the operation
5J8HK02	CST Note Information Set Number Error When Set Poly-Note Withdrawal Information (n is 0 or over 256) during Stop Ready	1. Check the number of CST Setting notes info
5J8HK03	Withdrawal Note Number Set Error When Set Poly-Note Withdrawal Information ( n is 0 or over 3000) during Stop Ready	1. Check Withdrawal notes setting

Problem Code	Problem Description	Troubleshooting
5J8HK04	Note Information (Not CST Set Note) is Set in Withdrawal Note Information When Set Poly-Note Withdrawal Information during Stop Ready	1. Check Withdrawal notes info
5J8HS01	FPGA Write Data Error When Initialize Scan Driver during Stop Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5J8HS02	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver during Stop Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5J8HS03	Fail to Set CIS Led On Value When Initialize Scan Driver during Stop Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5J8HS04	Fail to Set Source of Scan Light When Initialize Scan Driver during Stop Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5J8HS05	Not Process Shading When Initialize Scan Driver during Stop Ready	1. Perform CiS Shading.2. Operate to initialize BRM(Recovery)
5J8HS08	Fail to Set DAC When Initialize Scan Driver during Stop Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5J8HS11	FPGA Write Data Error When BC Ready during Stop Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5J8HS12	Fail to Power On When BC Ready Sensor(MR/UV/DD/Encoder/Entry Sensor) during Stop Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5J8HS13	Fail to Set CIS Led On Value When BC Ready during Stop Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5J8HS14	Fail to Set Source of Scan Ligh When BC Ready during Stop Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5J8HS15	Not Process Shading When BC Ready during Stop Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5J8HS17	Fail to Set AFE Chip When BC Ready during Stop Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5J8HS18	Fail to Set DAC When BC Ready during Stop Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5J8HS19	MR/UV/DD Sampling Start Error When BC Ready during Stop Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5J8HS1A	Fail to Set 2-Notes DAC When BC Ready during Stop Ready	1. Check whether double notes sensor is contaminate or not.2. Check whether double notes sensor is connected.3. Retry the operation.4. Change the BC if continuous error.
5J8HS1B	2-Notes to 1-Note Adjust Information Error When BC Ready during Stop Ready	1. Perform calibration info about double notes or one note.2. Operate to initialize BRM(Recovery)
5J8HS22	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver When Stop BC during Stop Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5J8HS28	Fail to Set DAC When Stop BC during Stop Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5J8HS29	MR/UV/DD Sampling Stop Error When Stop BC during Stop Ready	1. Retry the operation.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5J8HS31	BC Ready Fail When Process CIS Shading – Use in Plant during Stop Ready	1. Perform calibration info about double notes or one note and double notes DAC2. Retry the operation
5J8HS32	Dark Adjust Fail When Process CIS Shading – Use in Plant during Stop Ready	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Change CIS and Cable5. Change BC
5J8HS33	Over Target Gap When Process CIS Shading Shading – Use in Plant during Stop Ready	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
5J8HS34	Fail to Write Result Value Flash When Process CIS Shading – Use in Plant during Stop Ready	1. Retry the operation2. Change BC
5J8HS35	BC Stop Fail When Process CIS Shading – Use in Plant during Stop Ready	1. Retry the operation2. Change BC
5J8HS36	Over 10Pixel-Excess-Image When Process CIS Shading during Stop Ready	1. Retry the operation2. Check CIS note quility and setting status3. Check CIS Connection Status4. Change BC
5J8HS37	Dark Shading Result Value is Standard Over When Process CIS Shading during Stop Ready	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Retry the operation5. Change BC
5J8HS38	Max Ontime Ove When Process CIS Shadingr – Use in Plant during Stop Ready	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
5J8HS39	Fail to Set Source of Shading Light When Process CIS Shading – Use in Plant during Stop Ready	1. Retry the operation2. Change BC
5J8HS41	Fail to Adjust 2-Notes DAC (Less Than MIN) – Use in Plant during Stop Ready	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the opeartion4. Change BC
5J8HS42	Fail to Adjust 2-Notes DAC (Over MAX) – Use in Plant during Stop Ready	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the opeartion4. Change BC
5J8HS43	2-Notes Adjust Flash Write Fail – Use in Plant during Stop Ready	1. Retry the operation2. Change BC
5J8R100	BC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5J8R200	BC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5J8R300	BC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5J8R600	BC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5J8S100	BCU response MI error during Stop Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5J8S200	BCU response BCC error during Stop Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5J8S300	BCU response Sub MI error during Stop Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5J8S400	BCU response Parameter error during Stop Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5J8S900	BCU response Timeout Error during Stop Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5JAA100	UTC open Error before operation Stop Ready	1. Open the upper unit. 2. Check the UTC removal and reinstallation
5JAA200	TSK open Error before operation Stop Ready	1. Open the upper unit. 2. Check the TSK open and close
5JAA300	BMU Inter Lock Error before operation Stop Ready	1. Check BMU open and close
5JAA400	BMU open Error before operation Stop Ready	1. Check BMU open and close
5JAA500	Replenishment CST open Error before operation Stop Ready	1. Check the Transit CST installation
5JAA600	CSM open Error before operation Stop Ready	1. Open the upper unit. 2. Check CSM Open/Close
5JAA800	BMD Inter Lock Error before operation Stop Ready	1. Open the lower unit. 2. Check the BMD open and close
5JAA900	BMD open Error before operation Stop Ready	1. Open the lower unit. 2. Check the BMD open and close
5JAAA00	BC Open Error before operation Stop Ready	1. Open the upper unit. 2. Check BC Open/Close
5JAAB00	RC Full Error before operation Stop Ready	1. Open the lower unit. 2. Check RC Full and remove notes
5JAAC00	RJC Full Error before operation Stop Ready	1. Open the upper unit. 2. Check RJC Full and remove notes
5JAAD00	UTC Full Error before operation Stop Ready	1. Open the upper unit. 2. Remove UTC and open the UTC Door3. Remove notes and reinstallation UTC
5JAAE00	RTC Full Error before operation Stop Ready	1. Open the lower unit. 2. Remove RT/RJC and open the Door3. Remove notes and reinstall RT/RJC
5JAAF00	RC Empty Error before operation Stop Ready	1. Open the lower unit. 2. Remove RC and open the RC Door, Check the Empty Status3. Reinstall the RC
5JAAG00	Suspected note RC open Error before operation Stop Ready	1. Open the lower unit. 2. Check the RC removal and reinstall
5JAAJ00	Stop Ready is not supported in the setting Test Mode	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5JAE100	Received operation command without Initial Info Set during Stop Ready	1. Restart over AP-SP2. Do transaction operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5JAE200	Status on not operation reception command during Stop Ready	1. Restart over AP-SP2. Do transaction operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization

Problem Code	Problem Description	Troubleshooting
5JAE300	Received operation command without System Info Read during Stop Ready	1. Restart over AP-SP2. Do transaction operation follow by set up read system Info for TM Test-> Initial Info Set -> Initialization
5JAE400	Transaction was executed without Initializing after power on during Stop Ready	1. Restart over AP-SP2. Do transaction operation follow by set up read system Info for TM Test-> Initial Info Set -> Initialization
5JAEE00	RBU RS485 communication sequence disorder during Stop Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5JAEF00	RBU RS485 connection line disorder during Stop Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5JAEL00	RBU communication was not ready after power on during Stop Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5JAH600	Failure to check clearing NVRAM during Stop Ready	1. Operate to initialize BRM(Recovery)
5JAR100	Message timeout error during operation ready during Stop Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5JAR200	Message timeout error during transaction operation during Stop Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5JAR300	Message timeout error during error postprocessing during Stop Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5JAR800	RBU/BC sensor auto dimming response message timeout error during Stop Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5JARC00	BC response message timeout error during Stop Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5JARJ00	Message timeout error during Stop Ready during Stop Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5JBR000	RBU Response Timeout during Stop Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5JBR700	RBU Response Message Timeout during Stop Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5JBS100	RBU RS-232 Seq Num Echo Error during Stop Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5JBS200	RBU RS-232 MI Echo Error during Stop Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5JBSS00	RBU Auto Calibration Command Parameter Error during Stop Ready	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5JCR100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5JCR200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5JCR300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5JCR600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5JER100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5JER200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5JER300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5JER600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5JUS100	USB Bulk Sequence Error during stop ready.	1. Restart over AP-SP
5JUS300	USB Bulk Received Length Error during stop ready.	1. Reboot the system
5JUS400	Message transmission Error from USB to Main Task during stop ready.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
5JUS500	Message reception Error from MainTask to USB during stop ready.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
5JUSCMD	Bulk command data check error during Ready Stop. (USB communication failure)	1. Restart over AP-SP
5JUSCRC	CRC data check error during Ready Stop. (USB communication failure)	1. Restart over AP-SP
5JUSLEN	Bulk length error during Ready Stop. (USB communication failure)	1. Restart over AP-SP
5K00100	GS801 Light Jam error during Withdrawal Reject	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5K00200	GS002 Light Jam error during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K00300	GS003 Light Jam error during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K00400	GS004 Light Jam error during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K00500	GS005 Light Jam error during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K00600	GS006 Light Jam error during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K00700	GS014 Light Jam error during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K00800	GS018 Light Jam error during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K00900	GS020 Light Jam error during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K00A00	GS021 Light Jam error during Withdrawal Reject	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5K00C00	GS030 Light Jam error during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5K00E00	GS001 Light Jam error during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K00H00	GS618 Light Jam error during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K00J00	GS619 Light Jam error during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K00M00	GSA01 Light Jam error during Withdrawal Reject	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5K00N00	GSA02 Light Jam error during Withdrawal Reject	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5K00P00	GSA03 Light Jam error during Withdrawal Reject	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5K00Q00	GSD01 Light Jam error during Withdrawal Reject	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5K00W00	GS802 Light Jam error during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K01100	GS801 Dark Jam error during Withdrawal Reject	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5K01200	GS002 Dark Jam error during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5K01300	GS003 Dark Jam error during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K01400	GS004 Dark Jam error during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K01500	GS005 Dark Jam error during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K01600	GS006 Dark Jam error during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K01700	GS014 Dark Jam error during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K01800	GS018 Dark Jam error during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K01900	GS020 Dark Jam error during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K01A00	GS021 Dark Jam error during Withdrawal Reject	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5K01C00	GS030 Dark Jam error during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K01E00	GS001 Dark Jam error during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5K01H00	GS618 Dark Jam error during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K01J00	GS619 Dark Jam error during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K01M00	GSA01 Dark Jam error during Withdrawal Reject	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5K01N00	GSA02 Dark Jam error during Withdrawal Reject	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5K01P00	GSA03 Dark Jam error during Withdrawal Reject	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5K01Q00	GSD01 Dark Jam error during Withdrawal Reject	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5K01W00	GS802 Dark Jam error during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K02100	Error occurred by notes remained in GS801 during Withdrawal Reject	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5K02200	Error occurred by notes remained in GS002 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K02300	Error occurred by notes remained in GS003 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5K02400	Error occurred by notes remained in GS004 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K02500	Error occurred by notes remained in GS005 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K02600	Error occurred by notes remained in GS006 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K02700	Error occurred by notes remained in GS014 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K02800	Error occurred by notes remained in GS018 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K02900	Error occurred by notes remained in GS020 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K02A00	Error occurred by notes remained in GS021 during Withdrawal Reject	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5K02C00	Error occurred by notes remained in GS030 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K02E00	Error occurred by notes remained in GS001 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K02H00	Error occurred by notes remained in GS618 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5K02J00	Error occurred by notes remained in GS619 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K02M00	Error occurred by notes remained in GSA01 during Withdrawal Reject	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5K02N00	Error occurred by notes remained in GSA02 during Withdrawal Reject	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5K02P00	Error occurred by notes remained in GSA03 during Withdrawal Reject	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5K02Q00	Error occurred by notes remained in GSD01 during Withdrawal Reject	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5K02W00	Error occurred by notes remained in GS802 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K05100	GS801 Path error on transport path during Withdrawal Reject	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5K05200	GS002 Path error on transport path during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K05300	GS003 Path error on transport path during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K05400	GS004 Path error on transport path during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5K05500	GS005 Path error on transport path during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K05600	GS006 Path error on transport path during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K05700	GS014 Path error on transport path during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K05800	GS018 Path error on transport path during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K05900	GS020 Path error on transport path during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K05A00	GS021 Path error on transport path during Withdrawal Reject	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5K05C00	GS030 Path error on transport path during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K05E00	GS001 Path error on transport path during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K05H00	GS618 Path error on transport path during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K05J00	GS619 Path error on transport path during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5K05M00	GSA01 Path error on transport path during Withdrawal Reject	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5K05N00	GSA02 Path error on transport path during Withdrawal Reject	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5K05P00	GSA03 Path error on transport path during Withdrawal Reject	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5K05Q00	GSD01 Path error on transport path during Withdrawal Reject	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5K05W00	GS802 Path error on transport path during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K06100	GS801 Path error on sensor except for transport path during Withdrawal Reject	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5K06200	GS002 Path error on sensor except for transport path during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K06300	GS003 Path error on sensor except for transport path during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K06400	GS004 Path error on sensor except for transport path during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K06500	GS005 Path error on sensor except for transport path during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5K06600	GS006 Path error on sensor except for transport path during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K06700	GS014 Path error on sensor except for transport path during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K06800	GS018 Path error on sensor except for transport path during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K06900	GS020 Path error on sensor except for transport path during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K06A00	GS021 Path error on sensor except for transport path during Withdrawal Reject	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5K06C00	GS030 Path error on sensor except for transport path during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K06E00	GS001 Path error on sensor except for transport path during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K06H00	GS618 Path error on sensor except for transport path during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K06J00	GS619 Path error on sensor except for transport path during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K06M00	GSA01 Path error on sensor except for transport path during Withdrawal Reject	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5K06N00	GSA02 Path error on sensor except for transport path during Withdrawal Reject	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5K06P00	GSA03 Path error on sensor except for transport path during Withdrawal Reject	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5K06Q00	GSD01 Path error on sensor except for transport path during Withdrawal Reject	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5K06W00	GS802 Path error on sensor except for transport path during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K07100	Error occurred by the notes disorder in GS801 during Withdrawal Reject	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5K07200	Error occurred by the notes disorder in GS002 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K07300	Error occurred by the notes disorder in GS003 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K07400	Error occurred by the notes disorder in GS004 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K07500	Error occurred by the notes disorder in GS005 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K07600	Error occurred by the notes disorder in GS006 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5K07700	Error occurred by the notes disorder in GS014 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K07800	Error occurred by the notes disorder in GS018 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K07900	Error occurred by the notes disorder in GS020 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K07A00	Error occurred by the notes disorder in GS021 during Withdrawal Reject	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5K07C00	Error occurred by the notes disorder in GS030 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K07E00	Error occurred by the notes disorder in GS001 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K07H00	Error occurred by the notes disorder in GS618 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K07J00	Error occurred by the notes disorder in GS619 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K07M00	Error occurred by the notes disorder in GSA01 during Withdrawal Reject	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5K07N00	Error occurred by the notes disorder in GSA02 during Withdrawal Reject	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5K07P00	Error occurred by the notes disorder in GSA03 during Withdrawal Reject	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5K07Q00	Error occurred by the notes disorder in GSD01 during Withdrawal Reject	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5K07W00	Error occurred by the notes disorder in GS802 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K0D100	Reject excess error (continue Reject error) during Withdrawal Reject	1. Check the Rejected denomination during Withdrawal Reject(Including denomination which did not set up in the cassette)
5K0D200	Reject excess error (notes excess error) during Withdrawal Reject	1. Check the Rejected denomination during Withdrawal Reject(Including denomination which did not set up in the cassette)
5K0D300	Reject excess error (Unappointed notes error) during Withdrawal Reject	1. Check the Rejected denomination during Withdrawal Reject(Including denomination which did not set up in the cassette)
5K0D400	Reject excess error (Cassette note error) during Withdrawal Reject	1. Check the Rejected denomination during Withdrawal Reject(Including denomination which did not set up in the cassette)
5K0D500	Reject excess error (2notes) during Withdrawal Reject	1. Open the upper unit2. Open the CSM shutter3. Check the seperate part status of CSM
5K0D600	Reject excess error (Gap error(1note)) during Withdrawal Reject	1. Open the upper unit2. Open the CSM shutter3. Check the seperate part status of CSM
5K0D700	Reject excess error (Gap error(2notes)) during Withdrawal Reject	1. Open the upper unit2. Open the CSM shutter3. Check the seperate part status of CSM
5K0D800	Reject excess error (skew error) during Withdrawal Reject	1. Open the upper unit2. Open the CSM shutter3. Check the seperate part status of CSM
5K0D900	Reject excess error (shift error) during Withdrawal Reject	1. Open the upper unit2. Open the CSM shutter3. Check the seperate part status of CSM
5K0DA00	Reject excess error (Max length error(1note)) during Withdrawal Reject	1. Open the upper unit2. Open the CSM shutter3. Check the seperate part status of CSM
5K0DB00	Reject excess error (Max length error(2notes)) during Withdrawal Reject	1. Open the upper unit2. Open the CSM shutter3. Check the seperate part status of CSM
5K0DC00	Reject excess error (Max length error(3notes)) during Withdrawal Reject	1. Open the upper unit2. Open the CSM shutter3. Check the seperate part status of CSM
5K0DD00	Reject excess error (Max length error(4notes)) during Withdrawal Reject	1. Open the upper unit2. Open the CSM shutter3. Check the seperate part status of CSM
5K0DE00	Reject excess error (Min length error(1note)) during Withdrawal Reject	1. Open the upper unit2. Open the CSM shutter3. Check the seperate part status of CSM

Problem Code	Problem Description	Troubleshooting
5K0DF00	Reject excess error (Min length error(2notes)) during Withdrawal Reject	1. Open the upper unit2. Open the CSM shutter3. Check the separate part status of CSM
5K0DG00	Reject excess error (note error) during Withdrawal Reject	1. Check the Rejected denomination during Withdrawal Reject(Including denomination which did not set up in the cassette)
5K0DH00	Reject excess error (MR error) during Withdrawal Reject	1. Check the Rejected Notes during Withdrawal Reject(Failure to Notes recognition)
5K0DJ00	Reject excess error (IR error) during Withdrawal Reject	1. Check the Rejected Notes during Withdrawal Reject(Failure to Notes recognition)
5K0DK00	Reject excess error (Edge error) during Withdrawal Reject	1. Check the Rejected Notes during Withdrawal Reject(Failure to Notes recognition)
5K0DL00	Reject excess error (Image error) during Withdrawal Reject	1. Check the Rejected Notes during Withdrawal Reject(Failure to Notes recognition)
5K0DM00	Reject excess error (UV error) during Withdrawal Reject	1. Check the Rejected Notes during Withdrawal Reject(Failure to Notes recognition)
5K0DN00	Reject excess error (Sensor error) during Withdrawal Reject	1. Operate to initialize BRM(Recovery)
5K0DO00	Deposit count disallowed notes reject excess error during Withdrawal Reject	1. Operate to initialize BRM(Recovery)
5K0DP00	Reject excess error (Communication error) during Withdrawal Reject	1. Operate to initialize BRM(Recovery)
5K0DQ00	Reject excess error (Full & etc) during Withdrawal Reject	1. Operate to initialize BRM(Recovery)
5K0DR00	Recognition Fail Error (Recognition test fail) during Withdrawal Reject	1. Operate to initialize BRM(Recovery)
5K0DS00	Recognition Fail Error (No Recognition info) during Withdrawal Reject	1. Operate to initialize BRM(Recovery)
5K0DT00	Recognition Fail Error (Only STX in Recognition info) during Withdrawal Reject	1. Operate to initialize BRM(Recovery)
5K0DU00	Recognition Fail Error (Recognition info BCC NG) during Withdrawal Reject	1. Operate to initialize BRM(Recovery)
5K0DV00	Recognition Fail Error (Recognition info MI NG) during Withdrawal Reject	1. Operate to initialize BRM(Recovery)
5K0DW00	Recognition Fail Error (Recognition info Index Fail) during Withdrawal Reject	1. Operate to initialize BRM(Recovery)
5K0DX00	Recognition Fail Error (Info BC Pass Info) during Withdrawal Reject	1. Operate to initialize BRM(Recovery)
5K0DY00	Recognition Fail Error (Serial Number Data Format error) during Withdrawal Reject	1. Operate to initialize BRM(Recovery)
5K0F100	GM001 motor doesn't operate at a constant speed when the motor works during Withdrawal Reject	1. Open the upper unit2. Check the Front Transport Path(2) gear rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Check GS804 Sensor Dark/Light Status and Initialize

Problem Code	Problem Description	Troubleshooting
5K0F200	GM002 motor doesn't operate at a constant speed when the motor works during Withdrawal Reject	1. Open the upper unit2. Check the TOP Transport(4) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
5K0F400	GM004 motor doesn't operate at a constant speed when the motor works during Withdrawal Reject	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
5K0F600	GM006 motor doesn't operate at a constant speed when the motor works during Withdrawal Reject	1. Open the upper unit2. Check the customer service module (CSM 1-1, 1-2) gear and knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
5K0F700	GM007 motor doesn't operate at a constant speed when the motor works during Withdrawal Reject	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
5K0F900	GM009 motor doesn't operate at a constant speed when the motor works during Withdrawal Reject	1. Open the Transit Transport, related system point 2. Check the Transit Transport gear, knob rotates softly 3. Check GS019 Sensor Dark/Light Status and Initialize4. Check remained Notes and substance in the Transit Transport5. Initialize
5K0FA00	GM001 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Withdrawal Reject	1. Open the upper unit2. Check the Front Transport Path(2) gear rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Check GS804 Sensor Dark/Light Status and Initialize
5K0FB00	GM002 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Withdrawal Reject	1. Open the upper unit2. Check the TOP Transport(4) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
5K0FC00	GM004 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Withdrawal Reject	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
5K0FD00	GM006 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Withdrawal Reject	1. Open the upper unit2. Check the customer service module (CSM 1-1, 1-2) gear and knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
5K0FE00	GM007 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Withdrawal Reject	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check GS017 Sensor Dark/Light Status4. Check remained Notes and substance in the upper Transport Path5. Initialize
5K0FF00	GM009 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Withdrawal Reject	1. Open the Transit Transport, related system point 2. Check the Transit Transport gear, knob rotates softly 3. Check GS019 Sensor Dark/Light Status4. Check remained Notes and substance in the Transit Transport5. Initialize
5K0G100	Failure to 3Way Gate 0 degree mode conversion during Withdrawal Reject	1. Open the upper unit2. Open the customer service module(1) and TOP Transport(4)3. Remove notes and substance in the Transport Path and 3way gate4. Check remained Notes and substance in the upper Transport Path5. Initialize
5K0G200	Failure to 3Way Gate 120 degree mode conversion during Withdrawal Reject	1. Open the upper unit2. Open the customer service module(1) and TOP Transport(4)3. Remove notes and substance in the Transport Path and 3way gate4. Check remained Notes and substance in the upper Transport Path5. Initialize

Problem Code	Problem Description	Troubleshooting
5K0GB00	Time Out to 3Way Gate Mode conversion during Withdrawal Reject	1. Open the upper unit2. Open the customer service module(1) and TOP Transport(4)3. Remove notes and substance in the Transport Path and 3way gate4. Check remained Notes and substance in the upper Transport Path5. Initialize
5K0GC00	Failure to RTRJ Gate RJC Mode conversion during Withdrawal Reject	1. Open the lower unit2. Open MID Transport(7)3. Check remained Notes and substance in the RT/RJC4. Check remained Notes in RT/RJC gate
5K0GD00	Failure to RTRJ Gate RTC Mode conversion during Withdrawal Reject	1. Open the lower unit2. Open MID Transport(7)3. Check remained Notes and substance in the RT/RJC4. Check remained Notes in RT/RJC gate
5K0K100	Duplication S/N Error during Withdrawal Reject	1. Check the duplicate note and remove the note.2. Operate to initialize BRM(Recovery)
5K0N400	Jam Message Receive Error during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K0NA00	Checksum error when notes separate from TSK during Withdrawal Reject	1. Operate to initialize BRM(Recovery)
5K0NC00	length different from separation part to stack part after transport during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K0NK00	BC recognized notes have no cassette to be stacked during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K0Q100	UTC detachment Error during Withdrawal Reject	1. Open the upper unit2. Check GS010 Sensor Dark/Light Status3. Check UTC(6) installation condition
5K0Q200	TSK detachment Error during Withdrawal Reject	1. Open the upper unit2. Check GS015 Sensor Dark/Light Status3. Check TSK(5) installation condition
5K0Q300	BMU Inter Lock Error during Withdrawal Reject	1. Check Load/Removal of the upper unit2. Replace a cherry switch when error occurs
5K0Q400	BMU detackment Error during Withdrawal Reject	1. Check Load/Removal of the upper unit
5K0Q500	Replenishment CST detachment Error during Withdrawal Reject	1. Check the safe door open
5K0Q600	CSM detackment Error during Withdrawal Reject	1. Open the upper unit2. Check to open/close CSM3. Check the sensors GS011
5K0Q800	BMD Inter Lock Error during Withdrawal Reject	1. Check the lower Unit load/removal2. Replace a cherry switch when error occurs
5K0Q900	BMD detachment Error during Withdrawal Reject	1. Check the lower Unit load/removal
5K0QA00	BC Open Error during Withdrawal Reject	1. Open the upper unit2. Open the customer service module (CSM)3. Check the lock lever in the BC4. Check GS003 Sensor Dark/Light Status
5K0QS00	Receive Error Stop CMD during Withdrawal Reject	1. Initialize
5K0R100	BM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5K0R200	BM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K0R300	BM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K0SZ00	Receive undefined command during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K10100	RC1 GS101 Light Jam during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K10200	RC1 GS102 Light Jam during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K10500	RC1 GS105 Light Jam during Withdrawal Reject	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(A)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5K10Z00	RC1 All Light Jam during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5K11100	RC1 GS101 Dark Jam during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K11200	RC1 GS102 Dark Jam during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K11500	RC1 GS105 Dark Jam during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K11Z00	All RC1 Sensor Dark Jam during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5K12100	Error occurred by notes remained in RC1 GS101 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K12200	Error occurred by notes remained in RC1 GS102 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5K12500	Error occurred by notes remained in RC1 GS105 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K12Z00	Error occurred by notes remained in All RC1 Sensor during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5K13100	RC1 GS101 Sensor auto calibration error during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K13200	RC1 GS102 Sensor auto calibration error during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K13500	RC1 GS105 Sensor auto calibration error during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K13Z00	All RC1 Sensor auto calibration error during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5K14100	RC1 GS101 Extern lights check error during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K14200	RC1 GS102 Extern lights check error during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K14500	RC1 GS105 Extern lights check error during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K14Z00	All RC1 Sensor Extern lights check error during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5K15100	RC1 GS101 Path error on transport path during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K15200	RC1 GS102 Path error on transport path during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5K15500	RC1 GS105 Path error on transport path during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K15Z00	All RC1 Sensor Path error on transport path during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5K16100	RC1 GS101 Path error on sensor except for transport path during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K16200	RC1 GS102 Path error on sensor except for transport path during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K16500	RC1 GS105 Path error on sensor except for transport path during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K16Z00	RC1 All Path error on sensor except for transport path during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5K17100	Error occurred by the notes disorder in RC1 GS101 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K17200	Error occurred by the notes disorder in RC1 GS102 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K17500	Error occurred by the notes disorder in RC1 GS105 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K17Z00	Error occurred by the notes disorder in RC1 All during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5K1G100	RC1 Failure of returning notes (GS101,GS102 Sensors detect no notes) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K1G200	RC1 Failure to move PP to stack position during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (A)4. Open the recycle cassette door(A) 5. Check cassette status to move stage up and down

Problem Code	Problem Description	Troubleshooting
5K1G400	RC1 Failure to upword moving of PP during RC1 stack roller retreat movement during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (A)4. Open the recycle cassette door(A) 5. Check cassette status to move stage up and down
5K1G500	RC1 Failure to stack roller retreat (GS113 Sensor no change) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5K1G600	RC1 Stack Roller retreat position disorder during RC Separation during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5K1G700	RC1 Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS107) no change) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5K1G800	RC1 Failure to move PP to press position (GS108 Sensor Dark Fail) during Withdrawal Reject	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(A).4. Check the stage status after open the recycle cassette(A).5. Check the upper side of the recycle cassette
5K1GA00	RC1 Solenoid Echo error during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A) and reload4. Replace the cassette when same error occurs
5K1GB00	RC1 Feed Roller homeposition Sensor(GS107) Light detect fail during RC Stack during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5K1GC00	RC1 Feed Roller homeposition Sensor(GS107) Dark detect fail during RC Stack during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5K1GD00	RC1 GS101,GS102 Detect notes during move RC Feed Roller to homeposition during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K1GE00	RC1 GS108 detect dark before move RC Feed Roller to homeposition during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note.
5K1GF00	RC1 Notes Setting error during initialize (GS114, Bottom Sensor(GS112) both dark) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note.
5K1GG00	RC1 Stack Roller Sensor(GS113) detect light during RC FM Stack during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
5K1GH00	RC1 Stack Roller Sensor(GS113) detect dark during RC FM Stack during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5K1GJ00	RC1 Stack Roller retreat fail (Motor Overrun) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5K1GK00	RC1 Stack Roller retreat fail (Motor speed error) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5K1GL00	RC1 Feed Roller homeposition fail (Motor speed error) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5K1GQ00	RJC Press and Stack position fail during Withdrawal Reject	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
5K1GR00	RJC Stack position fail during Withdrawal Reject	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
5K1GS00	RJC Press position fail during Withdrawal Reject	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
5K1GT00	RC1 GS151 fail to detect dark when PP moves down during RJC PP Stack during Withdrawal Reject	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
5K1GU00	RC1 GS151 fail to detect light when PP moves down during RJC PP Stack during Withdrawal Reject	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
5K1GV00	RC1 GS152 fail to detect dark when PP moves down during RJC PP Stack during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
5K1GW00	RC1 GS151 fail to detect light when PP moves down during RJC initialize during Withdrawal Reject	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
5K1GX00	RC1 GS101 detects notes during RJC intialize during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5K1J100	RJC Full during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
5K1J200	RC1 No Residue during Withdrawal Reject	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(A).4. Check the notes remain after open the recycle cassette door(A)5. Fill up the Notes if there are no notes
5K1J300	Full,Bottom no detect before move RC1 PP to stack position during Withdrawal Reject	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(A).4. Check the stage status after open the recycle cassette(A).5. Check contamination of GS111/GS112 sensor.
5K1R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K1R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K1R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K1R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K1RF00	RC1 Feed Motor response timeout during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K1RP00	RC1 PP response timeout during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K1S200	RC1 Receive undefined command during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K1S300	RC1 Task not for separation receive separation command during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K1SA00	RC1 Sub Task receive undefined command during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K1SR00	RC1 Sub Task for Wait Setting Error during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K20100	RC2 GS201 Light Jam during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5K20200	RC2 GS202 Light Jam during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K20500	RC2 GS205 Light Jam during Withdrawal Reject	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(B)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5K20Z00	RC2 All Light Jam during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5K21100	RC2 GS201 Dark Jam during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K21200	RC2 GS202 Dark Jam during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K21500	RC2 GS205 Dark Jam during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K21Z00	RC2 All Dark Jam during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5K22100	Error occurred by notes remained in RC2 GS201 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K22200	Error occurred by notes remained in RC2 GS202 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K22500	Error occurred by notes remained in RC2 GS205 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K22Z00	Error occurred by notes remained in RC2 All Sensor during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5K23100	Sensor auto calibration error in RC2 GS201 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5K23200	Sensor auto calibration error in RC2 GS202 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K23500	Sensor auto calibration error in RC2 GS205 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K23Z00	Sensor auto calibration error in RC2 All Sensor during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5K24100	Extern lights check error in RC2 GS201 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K24200	Extern lights check error in RC2 GS202 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K24500	Extern lights check error in RC2 GS205 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K24Z00	Extern lights check error in RC2 All Sensor during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5K25100	Path error on transport path in RC2 GS201 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K25200	Path error on transport path in RC2 GS202 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K25500	Path error on transport path in RC2 GS205 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K25Z00	Path error on transport path in RC2 All Sensor during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5K26100	Path error on sensor except for transport path in RC2 GS201 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5K26200	Path error on sensor except for transport path in RC2 GS202 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K26500	Path error on sensor except for transport path in RC2 GS205 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K26Z00	Path error on sensor except for transport path in RC2 All during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5K27100	Error occurred by the notes disorder in RC2 GS201 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K27200	Error occurred by the notes disorder in RC2 GS202 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K27500	Error occurred by the notes disorder in RC2 GS205 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K27Z00	Error occurred by the notes disorder in RC2 All during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5K2G100	RC2 Failure of returning notes (GS201,GS202 Sensors detect no notes) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K2G200	RC2 Failure to move PP to stack position during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (B)4. Open the recycle cassette door (B)5. Check cassette status to move stage up and down
5K2G400	RC2 Failure to upword moving of PP during RC2 stack roller retreat movement during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (B)4. Open the recycle cassette door (B)5. Check cassette status to move stage up and down
5K2G500	RC2 Failure to stack roller retreat (GS213 Sensor no change) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5K2G600	RC2 Stack Roller retreat position disorder during RC Separation during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
5K2G700	RC2 Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS207) no change) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5K2G800	RC2 Failure to move PP to press position (GS208 Sensor Dark Fail) during Withdrawal Reject	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(B).4. Check the stage status after open the recycle cassette(B).5. Check the upper side of the recycle cassette
5K2GA00	RC2 Solenoid Echo error during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (B) after removing recycle cassette4. Replace the cassette when same error occurs
5K2GB00	RC2 Feed Roller homeposition Sensor(GS207) Light detect fail during RC Stack during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5K2GC00	RC2 Feed Roller homeposition Sensor(GS207) Dark detect fail during RC Stack during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5K2GD00	RC2 GS201,GS202 Detect notes during move RC Feed Roller to homeposition during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K2GE00	RC2 GS208 detect dark before move RC Feed Roller to homeposition during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note.
5K2GF00	RC2 Notes Setting error during initialize (GS214, Bottom Sensor(GS212) both dark) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note.
5K2GG00	RC2 Stack Roller Sensor(GS213) detect light during RC FM Stack during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5K2GH00	RC2 Stack Roller Sensor(GS213) detect dark during RC FM Stack during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5K2GJ00	RC2 Stack Roller retreat fail (Motor Overrun) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5K2GK00	RC2 Stack Roller retreat fail (Motor speed error) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
5K2GL00	RC2 Feed Roller homeposition fail (Motor speed error) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5K2J200	RC2 No Residue during Withdrawal Reject	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(B).4. Check the notes remain after open the recycle cassette door(B)5. Fill up the Notes if there are no notes
5K2J300	RC2 Full,Bottom no detect before move RC PP to stack position during Withdrawal Reject	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(B).4. Check the stage status after open the recycle cassette(B).5. Check contamination of GS211/GS212 sensor.
5K2R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K2R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K2R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K2R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K2RF00	RC2 Feed Motor response timeout during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K2RP00	RC2 PP response timeout during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K2S200	RC2 Receive undefined command during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K2S300	RC2 Task not for separation receive separation command during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K2SA00	RC2 Sub Task receive undefined command during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K2SR00	RC2 Sub Task for Wait Setting Error during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K30100	RC3 GS301 Light Jam during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5K30200	RC3 GS302 Light Jam during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K30500	RC3 GS305 Light Jam during Withdrawal Reject	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(C)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5K30Z00	RC3 All Light Jam during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5K31100	RC3 GS301 Dark Jam during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K31200	RC3 GS302 Dark Jam during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K31500	RC3 GS305 Dark Jam during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K31Z00	RC3 All Dark Jam during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5K32100	Error occurred by notes remained in RC3 GS301 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K32200	Error occurred by notes remained in RC3 GS302 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K32500	Error occurred by notes remained in RC3 GS305 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K32Z00	Error occurred by notes remained in RC3 All during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5K33100	Sensor auto calibration error in RC3 GS301 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5K33200	Sensor auto calibration error in RC3 GS302 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K33500	Sensor auto calibration error in RC3 GS305 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K33Z00	Sensor auto calibration error in RC3 All during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5K34100	Extern lights check error in RC3 GS301 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K34200	Extern lights check error in RC3 GS302 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K34500	Extern lights check error in RC3 GS305 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K34Z00	Extern lights check error in RC3 All during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5K35100	Path error on transport path in RC3 GS301 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K35200	Path error on transport path in RC3 GS302 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K35500	Path error on transport path in RC3 GS305 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K35Z00	Path error on transport path in RC3 All during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5K36100	Path error on sensor except for transport path in RC3 GS301 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5K36200	Path error on sensor except for transport path in RC3 GS302 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K36500	Path error on sensor except for transport path in RC3 GS305 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K36Z00	Path error on sensor except for transport path in RC3 All during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5K37100	Error occurred by the notes disorder in RC3 GS301 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K37200	Error occurred by the notes disorder in RC3 GS302 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K37500	Error occurred by the notes disorder in RC3 GS305 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K37Z00	Error occurred by the notes disorder in RC3 All during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5K3G100	RC3 Failure of returning notes (GS301,GS302 Sensors detect no notes) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K3G200	RC3 Failure to move PP to stack position during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (C)4. Open the recycle cassette door (C)5. Check cassette status to move stage up and down
5K3G400	RC3 Failure to upword moving of PP during RC3 stack roller retreat movement during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (C)4. Open the recycle cassette door (C)5. Check cassette status to move stage up and down
5K3G500	RC3 Failure to stack roller retreat (GS313 Sensor no change) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5K3G600	RC3 Stack Roller retreat position disorder during RC Separation during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
5K3G700	RC3 RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS307) no change) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5K3G800	RC3 Failure to move PP to press position (GS308 Sensor Dark Fail) during Withdrawal Reject	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(C).4. Check the stage status after open the recycle cassette(C).5. Check the upper side of the recycle cassette
5K3GA00	RC3 RC Solenoid Echo error during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (C) after removing recycle cassette4. Replace the cassette when same error occurs
5K3GB00	RC3 Feed Roller homeposition Sensor(GS307) Light detect fail during RC Stack during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5K3GC00	RC3 Feed Roller homeposition Sensor(GS307) Dark detect fail during RC Stack during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5K3GD00	RC3 GS301,GS302 Detect notes during move RC Feed Roller to homeposition during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K3GE00	RC3 GS308 detect dark before move RC Feed Roller to homeposition during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note.
5K3GF00	RC3 Notes Setting error during initialize (GS314, Bottom Sensor(GS312) both dark) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note.
5K3GG00	RC3 Stack Roller Sensor(GS313) detect light during RC FM Stack during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5K3GH00	RC3 Stack Roller Sensor(GS313) detect dark during RC FM Stack during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5K3GJ00	RC3 RC Stack Roller retreat fail (Motor Overrun) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5K3GK00	RC3 RC Stack Roller retreat fail (Motor speed error) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
5K3GL00	RC3 RC Feed Roller homeposition fail (Motor speed error) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5K3J200	RC3 No Residue during Withdrawal Reject	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(C).4. Check the notes remain after open the recycle cassette door(C)5. Fill up the Notes if there are no notes
5K3J300	RC3 Full, Bottom no detect before move RC PP to stack position during Withdrawal Reject	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(C).4. Check the stage status after open the recycle cassette(C).5. Check contamination of GS311/GS312 sensor.
5K3L100	Remaining notes stack process error in RC3 GS301 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K3L200	Remaining notes stack process error in RC3 GS302 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K3L500	Remaining notes stack process error in RC3 GS305 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K3R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K3R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K3R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K3R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K3RF00	RC3 Feed Motor response timeout during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K3RP00	RC3 PP response timeout during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K3S200	RC3 Receive undefined command during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5K3S300	RC3 RC Task not for separation receive separation command during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K3SA00	RC3 RC Sub Task receive undefined command during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K3SR00	RC3 Sub Task for Wait Setting Error during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K40100	RC4 GS401 Light Jam during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K40200	RC4 GS402 Light Jam during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K40500	RC4 GS405 Light Jam during Withdrawal Reject	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(D)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5K40Z00	RC4 All Sensor Light Jam during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5K41100	RC4 GS401 Dark Jam during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K41200	RC4 GS402 Dark Jam during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K41500	RC4 GS405 Dark Jam during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K41Z00	RC4 All Sensor Dark Jam during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5K42100	Error occurred by notes remained in RC4 GS401 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K42200	Error occurred by notes remained in RC4 GS402 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5K42500	Error occurred by notes remained in RC4 GS405 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K42Z00	Error occurred by notes remained in RC4 All during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5K43100	Sensor auto calibration error in RC4 GS401 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K43200	Sensor auto calibration error in RC4 GS402 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K43500	Sensor auto calibration error in RC4 GS405 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K43Z00	Sensor auto calibration error in RC4 All during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5K44100	Extern lights check error in RC4 GS401 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K44200	Extern lights check error in RC4 GS402 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K44500	Extern lights check error in RC4 GS405 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K44Z00	Extern lights check error in RC4 All during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5K45100	Path error on transport path in RC4 GS401 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K45200	Path error on transport path in RC4 GS402 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5K45500	Path error on transport path in RC4 GS405 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K45Z00	Path error on transport path in RC4 All during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5K46100	Path error on sensor except for transport path in RC4 GS401 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K46200	Path error on sensor except for transport path in RC4 GS402 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K46500	Path error on sensor except for transport path in RC4 GS405 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K46Z00	Path error on sensor except for transport path in RC4 All during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5K47100	Error occurred by the notes disorder in RC4 GS401 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K47200	Error occurred by the notes disorder in RC4 GS402 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K47500	Error occurred by the notes disorder in RC4 GS405 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K47Z00	Error occurred by the notes disorder in RC4 All during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5K4G100	RC4 Failure of returning notes (GS401,GS402 Sensors detect no notes) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K4G200	RC4 Failure to move PP to stack position during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (D)4. Open the recycle cassette door (D)5. Check cassette status to move stage up and down

Problem Code	Problem Description	Troubleshooting
5K4G400	RC4 Failure to upword moving of PP during RC4 stack roller retreat movement during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (D)4. Open the recycle cassette door (D)5. Check cassette status to move stage up and down
5K4G500	RC4 Failure to stack roller retreat (GS413 Sensor no change) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5K4G600	RC4 Stack Roller retreat position disorder during RC Separation during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5K4G700	RC4 RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS407) no change) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5K4G800	RC4 Failure to move PP to press position (GS408 Sensor Dark Fail) during Withdrawal Reject	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(D).4. Check the stage status after open the recycle cassette(D).5. Check the upper side of the recycle cassette
5K4GA00	RC4 RC Solenoid Echo error during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (D) after removing recycle cassette4. Replace the cassette when same error occurs
5K4GB00	RC4 Feed Roller homeposition Sensor(GS407) Light detect fail during RC Stack during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5K4GC00	RC4 Feed Roller homeposition Sensor(GS407) Dark detect fail during RC Stack during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5K4GD00	RC4 GS401,GS402 Detect notes during move RC Feed Roller to homeposition during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K4GE00	RC4 GS408 detect dark before move RC Feed Roller to homeposition during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note.
5K4GF00	RC4 Notes Setting error during initialize (GS414, Bottom Sensor(GS412) both dark) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note.
5K4GG00	RC4 Stack Roller Sensor(GS413) detect light during RC FM Stack during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
5K4GH00	RC4 Stack Roller Sensor(GS413) detect dark during RC FM Stack during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5K4GJ00	RC4 RC Stack Roller retreat fail (Motor Overrun) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5K4GK00	RC4 RC Stack Roller retreat fail (Motor speed error) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5K4GL00	RC4 RC Feed Roller homeposition fail (Motor speed error) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5K4J200	RC4 No Residue during Withdrawal Reject	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(D).4. Check the notes remain after open the recycle cassette door(D).5. Fill up the Notes if there are no notes
5K4J300	RC4 Full,Bottom no detect before move RC PP to stack position	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(D).4. Check the stage status after open the recycle cassette(D).5. Check contamination of GS411/GS412 sensor.
5K4L100	Remaining notes stack process error in RC4 GS401 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K4L200	Remaining notes stack process error in RC4 GS402 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K4L500	Remaining notes stack process error in RC4 GS405 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K4R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K4R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K4R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5K4R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K4RF00	RC4 Feed Motor response timeout during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K4RP00	RC4 PP response timeout during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K4S200	RC4 Receive undefined command during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K4S300	RC4 RC Task not for separation receive separation command during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K4SA00	RC4 RC Sub Task receive undefined command during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K4SR00	RC4 Sub Task for Wait Setting Error during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K50100	RC5 GS501 Light Jam during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K50200	RC5 GS502 Light Jam during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K50500	RC5 GS505 Light Jam during Withdrawal Reject	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(E)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5K50Z00	RC5 All Light Jam during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5K51100	RC5 GS501 Dark Jam during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K51200	RC5 GS502 Dark Jam during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K51500	RC5 GS505 Dark Jam during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5K51Z00	RC5 All Dark Jam during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5K52100	Error occurred by notes remained in RC5 GS501 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K52200	Error occurred by notes remained in RC5 GS502 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K52500	Error occurred by notes remained in RC5 GS505 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K52Z00	Error occurred by notes remained in RC5 All during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5K53100	Sensor auto calibration error in RC5 GS501 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K53200	Sensor auto calibration error in RC5 GS502 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K53500	Sensor auto calibration error in RC5 GS505 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K53Z00	Sensor auto calibration error in RC5 All during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5K54100	Extern lights check error in RC5 GS501 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K54200	Extern lights check error in RC5 GS502 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K54500	Extern lights check error in RC5 GS505 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K54Z00	Extern lights check error in RC5 All during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5K55100	Path error on transport path in RC5 GS501 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K55200	Path error on transport path in RC5 GS502 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K55500	Path error on transport path in RC5 GS505 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K55Z00	Path error on transport path in RC5 All during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5K56100	Path error on sensor except for transport path in RC5 GS501 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K56200	Path error on sensor except for transport path in RC5 GS502 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K56500	Path error on sensor except for transport path in RC5 GS505 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K56Z00	Path error on sensor except for transport path in RC5 All during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5K57100	Error occurred by the notes disorder in RC5 GS501 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K57200	Error occurred by the notes disorder in RC5 GS502 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K57500	Error occurred by the notes disorder in RC5 GS505 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K57Z00	Error occurred by the notes disorder in RC5 All during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5K5G100	RC5 Failure of returning notes (GS501,GS502 Sensors detect no notes) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K5G200	RC5 Failure to move PP to stack position during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (E)4. Open the recycle cassette door (E)5. Check cassette status to move stage up and down
5K5G400	RC5 Failure to upward moving of PP during RC5 stack roller retreat movement during Withdrawal Reject	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(E). 4. Open the recycle cassette door(E).5. Check cassette status to move stage up and down.
5K5G500	RC5 Failure to stack roller retreat (GS513 Sensor no change) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5K5G600	RC5 Stack Roller retreat position disorder during RC Separation during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5K5G700	RC5 Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS507) no change) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5K5G800	RC5 Failure to move PP to press position (GS508 Sensor Dark Fail) during Withdrawal Reject	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(E).4. Check the stage status after open the recycle cassette(E).5. Check the upper side of the recycle cassette
5K5GA00	RC5 Solenoid Echo error during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (E) after removing recycle cassette4. Replace the cassette when same error occurs
5K5GB00	RC5 Feed Roller homeposition Sensor(GS507) Light detect fail during RC Stack during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5K5GC00	RC5 Feed Roller homeposition Sensor(GS507) Dark detect fail during RC Stack during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5K5GD00	RC5 GS501,GS502 Detect notes during move RC Feed Roller to homeposition during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K5GE00	RC5 GS508 detect dark before move RC Feed Roller to homeposition during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note.

Problem Code	Problem Description	Troubleshooting
5K5GF00	RC5 Notes Setting error during initialize (GS514, Bottom Sensor(GS512) both dark) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note.
5K5GG00	RC5 Stack Roller Sensor(GS513) detect light during RC FM Stack during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5K5GH00	RC5 Stack Roller Sensor(GS513) detect dark during RC FM Stack during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5K5GJ00	RC5 Stack Roller retreat fail (Motor Overrun) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5K5GK00	RC5 Stack Roller retreat fail (Motor speed error) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5K5GL00	RC5 Feed Roller homeposition fail (Motor speed error) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5K5J200	RC5 No Residue during Withdrawal Reject	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(E).4. Check the notes remain after open the recycle cassette door(E)5. Fill up the Notes if there are no notes
5K5J300	RC5 Full,Bottom no detect before move RC PP to stack position during Withdrawal Reject	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(E).4. Check the stage status after open the recycle cassette(E).5. Check contamination of GS511/GS512 sensor.
5K5L100	Remaining notes stack process error in RC5 GS501 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K5L200	Remaining notes stack process error in RC5 GS502 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5K5L500	Remaining notes stack process error in RC5 GS505 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5K5R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K5R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K5R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K5R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K5RF00	RC5 Feed Motor response timeout during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K5RP00	RC5 PP response timeout during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K5S200	RC5 Receive undefined command during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K5S300	RC5 Task not for separation receive separation command during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K5SA00	RC5 Sub Task receive undefined command during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K5SR00	RC5 Sub Task for Wait Setting Error during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K61H00	GS618/619 Dark Jam error during Withdrawal Reject.	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K62100	CSM Residue Error during Withdrawal Reject	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5K62300	CSM insert notes excess Error during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Check inserting notes into the CSM are over 300 counts at one time3. If BRM does not recovery open the outer/inner Shutter of CSM3.Remove notes and substance in the CSM(1)
5K62500	CSM notes disappear Error during Withdrawal Reject	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5K62600	CSM notes appear Error during Withdrawal Reject	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5K62Z00	CSM Residue Error during during Withdrawal Reject	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5K6B100	CSM Notes insert position Error during Withdrawal Reject	1. Return Notes to customer(Semi OK Code)2. If Notes don't retrun open the outer/inner Shutter and remove the notes
5K6B200	CSM Notes in abnormal position(GS601,GS603,GS610,GS611,GS616 등) after ready separation during Withdrawal Reject	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
5K6B300	CSM Separate Mis-pickup during Withdrawal Reject	1. Return Notes to customer(Semi OK Code)2. If Notes don't retrun open the outer/inner Shutter and remove the notes
5K6B400	CSM Separate disorder Jam (Front Skew) during Withdrawal Reject	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
5K6B600	CSM Separate disorder Jam (Over Max Length) during Withdrawal Reject	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
5K6B700	CSM Separate disorder Jam (Less Min Length) during Withdrawal Reject	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
5K6B800	CSM Separate disorder Dark Jam during Withdrawal Reject	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
5K6B900	CSM Low speed control 30 times over Error during Withdrawal Reject	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
5K6BA00	CSM Over separation notes during collect lost notes during Withdrawal Reject	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
5K6BE00	CSM Residue Notes in separation part after separation during Withdrawal Reject	1. Open the upper unit2. Open the outer/inner Shutter of CSM(1)3. Remove notes and substance in the CSM(1)4. Check whether the sensor is contaminated or not if there are No notes or substance
5K6G100	Fail to move CSM BP to Stack Position during Withdrawal Reject	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly

Problem Code	Problem Description	Troubleshooting
5K6G200	Fail to move CSM BP to Deposit Position during Withdrawal Reject	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
5K6G300	Fail to move CSM BP to Separation Position during Withdrawal Reject	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
5K6G500	Fail to move CSM BP to Note-Out Position during Withdrawal Reject	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
5K6G600	Fail to move CSM P-Roller to Home position during Withdrawal Reject	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
5K6G800	Fail to CSM return notes during Withdrawal Reject	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
5K6G900	CSM GM601 Step out during Withdrawal Reject	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
5K6GA00	Fail to move CSM BP to return note Position during Withdrawal Reject	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
5K6GB00	Fail to move CSM FP to Deposit Position during Withdrawal Reject	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Press and release FP check the FP rotate smoothly5. Check GS652 status(Dark & Light)
5K6GF00	Fail to move CSM G-Roller to Homeposition during Withdrawal Reject	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
5K6GG00	Fail to move both CSM P/G-Roller to Homeposition during Withdrawal Reject	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
5K6M200	CSM Inner Shutter Open Error during Withdrawal Reject	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
5K6M300	CSM Inner Shutter Close Error during Withdrawal Reject	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
5K6M400	CSM Outer Shutter Open Error during Withdrawal Reject	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light

Problem Code	Problem Description	Troubleshooting
5K6M500	CSM Outer Shutter Close Error during Withdrawal Reject	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
5K6M600	CSM Outer Shutter is Opened during Withdrawal Reject	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
5K6M700	CSM Inner Shutter Open during Stack during Withdrawal Reject	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
5K6M800	CSM Stopper Home position Fail during Withdrawal Reject	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move PP Front5. Move Bill Stopper forward/backward and check GS668 sensor status6. Initialize
5K6M900	CSM Stopper Stack position Fail during Withdrawal Reject	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move PP Front5. Move Bill Stopper forward/backward and check GS668 sensor status6. Initialize
5K6MB00	CSM Bill Supporter Up position Fail during Withdrawal Reject	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Check the failure and breakage of Bill Lifter/Support5. Initialize
5K6MC00	CSM Bill Supporter Down position Fail during Withdrawal Reject	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Check the failure and breakage of Bill Lifter/Support5. Initialize
5K6P100	CSM PP Withdrawal(Stack) position Fail during Withdrawal Reject	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5K6P200	CSM PP Deposit position Fail during Withdrawal Reject	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5K6P300	CSM PP Separation position Fail during Withdrawal Reject	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5K6P400	CSM PP collect lost notes position Fail during Withdrawal Reject	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize

Problem Code	Problem Description	Troubleshooting
5K6P500	CSM PP Note-out position Fail during Withdrawal Reject	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5K6P600	CSM PP Note-arrange position Fail during Withdrawal Reject	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5K6P800	CSM PP Control Stack Fail during Withdrawal Reject	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5K6P900	CSM PP Return note position Fail during Withdrawal Reject	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5K6PD00	CSM PP Check semi-note Fail during Withdrawal Reject	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5K6PE00	CSM PP Bill SuCSM PPorter Up position Fail during Withdrawal Reject	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5K6R100	CSM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K6R200	CSM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K6R300	CSM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K6R600	CSM response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K6RB00	CSM BP response timeout during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5K6RF00	CSM Feed Motor response timeout during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K6RL00	CSM Lift response timeout during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K6RP00	CSM PP response timeout during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K6RR00	CSM Bill supporter response timeout during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K6RS00	CSM Inner Shutter response timeout during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K6RT00	CSM Stopper response timeout during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K6SA00	CSM Receive undefined command during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K6SR00	CSM Sub Task for Wait Setting Error during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K70100	TSK GS701 Light Jam during Withdrawal Reject	1. Open the upper unit2. Open the TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) Transport PATH(4)
5K70200	TSK GS702 Light Jam during Withdrawal Reject	1. Open the upper unit2. Open the TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) Transport PATH(4)
5K70300	TSK GS703,4 Light Jam during Withdrawal Reject	1. Open the upper unit2. Open the TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) Transport PATH(4)
5K70900	GS020 Light Jam error during Withdrawal Rejectl(TSK motor Step out)	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5K70Z00	TSK All Light Jam during Withdrawal Reject	1. Open the upper unit2. Open the TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) Transport PATH(4)
5K71100	TSK GS701 Dark Jam during Withdrawal Reject	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5K71200	TSK GS702 Dark Jam during Withdrawal Reject	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)

Problem Code	Problem Description	Troubleshooting
5K71300	TSK GS703,4 Dark Jam during Withdrawal Reject	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5K71Z00	TSK All Dark Jam during Withdrawal Reject	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5K72100	Error occurred by notes remained in TSK GS701 during Withdrawal Reject	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5K72200	Error occurred by notes remained in TSK GS702 during Withdrawal Reject	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5K72300	Error occurred by notes remained in TSK GS703,4 during Withdrawal Reject	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5K72Z00	Error occurred by notes remained in TSK All Sensor during Withdrawal Reject	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5K77100	Error occurred by the notes disorder in TSK GS701 during Withdrawal Reject	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5K77200	Error occurred by the notes disorder in TSK GS702 during Withdrawal Reject	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5K77300	Error occurred by the notes disorder in TSK GS703,4 during Withdrawal Reject	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5K77Z00	Error occurred by the notes disorder in TSK All during Withdrawal Reject	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5K7B200	Note detected in TSK Entry After Separate Ready during Withdrawal Reject	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5K7B300	TSK GM701 motor status change failed(Timeout exceeded) during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K7C100	TSK Miss-pickup during separation during Withdrawal Reject	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) 4. If the same symptoms occur frequently, change the P-roller rubber

Problem Code	Problem Description	Troubleshooting
5K7C200	TSK Last note unclear during separation during Withdrawal Reject	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5K7C300	TSK Last note No front detect during separataion during Withdrawal Reject	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5K7C400	TSK Last note No rear detect during separataion during Withdrawal Reject	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5K7C500	TSK Max Length NG occur 10 times Dark Jam during Withdrawal Reject	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) 4. If the same symptoms occur frequently, change the TSK(5)
5K7C600	TSK Max length note stucked in entry Light Jam during Withdrawal Reject	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5K7C700	TSK Light Jam Retry Over Error during Withdrawal Reject	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5K7C800	TSK Max length note go out from TSK during motor stop and stucked in BM during Withdrawal Reject	1. Open the upper unit2. Open the TSK(Temporary StackKer) (5)3. Remove notes and substance on the PATH(4)
5K7C900	TSK Low speed control 30 times over Error during Withdrawal Reject	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) 4. If the same symptoms occur frequently, change the TSK(5)
5K7CA00	TSK Incounted note is not Outcounted for 500ms during Withdrawal Reject	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5K7F100	TSK GM701 stepout during separation during Withdrawal Reject	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5) 6. Rotate the knob of TSK(5) to find obstruction out
5K7F300	TSK GM701 F-Roller Homeposition fail during Withdrawal Reject	1. Open the upper unit2. Open the TM(Test Module)3. Rotate the knob of TSK to check sensor(GS752) change 4. Rotate the knob of TSK(5) to find obstruction out
5K7G100	GM701 Return notes fail during Withdrawal Reject	1. Open the upper unit2. Confirm to Rotate a knob of TSK(5) softly
5K7J100	TSK Full during Withdrawal Reject	1. Open the upper unit2. Open the TSK(5)3. Check the notes remain in the TSK(5)4. Remove notes remain in the TSK
5K7J200	TSK Empty during ready separation during Withdrawal Reject	1. Open the upper unit2. Check the notes remain in the TSK(5)3. Check the GS701/GS702/GS706/GS707 Sensor4. Remove notes remain in the TSK

Problem Code	Problem Description	Troubleshooting
5K7L100	Remaining notes stack process error in TSK GS701 during Withdrawal Reject	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5K7L200	Remaining notes stack process error in TSK GS702 during Withdrawal Reject	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5K7L300	Remaining notes stack process error in TSK GS703,4 during Withdrawal Reject	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5K7LZ00	Remaining notes stack process error in TSK All during Withdrawal Reject	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5K7M100	TSK Stopper Home position for intialize fail during Withdrawal Reject	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if stopper was obstructed
5K7M200	TSK Stopper Stack position for intialize fail during Withdrawal Reject	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if stopper was obstructed
5K7M300	TSK Stopper Return note position for intialize fail during Withdrawal Reject	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if stopper was obstructed
5K7M400	TSK Stopper Lock FP Fail during Withdrawal Reject	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if FP(Front Plate) was obstructed
5K7M500	TSK Stopper Unlock FP Fail during Withdrawal Reject	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if FP(Front Plate) was obstructed
5K7P100	FP Sensor detect Dark Fail during Withdrawal Reject	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if PP(Push Plate) was obstructed to rotate PP knob4. Check if FP(Front Plate) was obstructed to rotate
5K7P200	FP Sensor detect Light Fail during Withdrawal Reject	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if PP(Push Plate) was obstructed to rotate PP knob4. Check if FP(Front Plate) was obstructed to rotate
5K7P300	PP Press position fail during Withdrawal Reject	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if PP(Push Plate) was obstructed to rotate PP knob
5K7Q700	TSK Door Open during operation in Withdrawal Reject	1. Close the door of TSK(5)
5K7R100	TSK response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K7R200	TSK response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K7R300	TSK response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5K7R600	TSK response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K7RF00	TSK Feed Motor response timeout in Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K7RP00	TSK PP response timeout in Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K7RT00	TSK Stopper response timeout in Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K7S200	TSK Receive undefined command in Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K7SR00	TSK Sub Task for Wait Setting Error in Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K8HA01	GS801A Sensor Error during Withdrawal Reject	1. Check GS801A2. Operate to initialize BRM(Recovery)
5K8HA02	GS801B Sensor Error during Withdrawal Reject	1. Check GS801B2. Operate to initialize BRM(Recovery)
5K8HA03	GS801A, GS801B Sensor Error during Withdrawal Reject	1. Check GS801A, GS801B2. Operate to initialize BRM(Recovery)
5K8HA04	GS802A Sensor Error during Withdrawal Reject	1. Check GS802A2. Operate to initialize BRM(Recovery)
5K8HA05	GS801A, GS802A Sensor Error during Withdrawal Reject	1. Check GS801A, GS802A2. Operate to initialize BRM(Recovery)
5K8HA06	GS801B, GS802A Sensor Error during Withdrawal Reject	1. Check GS801B, GS802A2. Operate to initialize BRM(Recovery)
5K8HA07	GS801A, GS801B, GS802A Sensor Error during Withdrawal Reject	1. Check GS801A, GS801B, GS802A2. Operate to initialize BRM(Recovery)
5K8HA08	GS802B Sensor Error during Withdrawal Reject	1. Check GS802B2. Operate to initialize BRM(Recovery)
5K8HA09	GS801A, GS802B Sensor Error during Withdrawal Reject	1. Check GS801A, GS802B2. Operate to initialize BRM(Recovery)
5K8HA10	GS801B, GS802B Sensor Error during Withdrawal Reject	1. Check GS801B, GS802B2. Operate to initialize BRM(Recovery)
5K8HA11	GS801A, GS801B, GS802B Sensor Error during Withdrawal Reject	1. Check GS801A, GS801B, GS802B2. Operate to initialize BRM(Recovery)
5K8HA12	GS802A, GS802B Sensor Error during Withdrawal Reject	1. Check GS802A, GS802B2. Operate to initialize BRM(Recovery)
5K8HA13	GS801A, GS802A, GS802B Sensor Error during Withdrawal Reject	1. Check GS801A, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5K8HA14	GS801B, GS802A, GS802B Sensor Error during Withdrawal Reject	1. Check GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5K8HA15	GS801A, GS801B, GS802A, GS802B Sensor Error during Withdrawal Reject	1. Check GS801A, GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5K8HB01	MR Sensor Level Error during Withdrawal Reject	1. Check MR Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5K8HC02	UV_01 Sensor Level Error during Withdrawal Reject	1. Check UV Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5K8HF03	CIS Shading data loading Fail during Withdrawal Reject	1. Operate shading in the BC CIS2. Operate to initialize BRM(Recovery)
5K8HF04	Detection DB Table loading Fail during Withdrawal Reject	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5K8HF05	BC FPGA Data checksum Fail during Withdrawal Reject	1. Check to BC FPGA File2. Operate to initialize BRM(Recovery)
5K8HF06	BC FPGA Configuration Fail during Withdrawal Reject	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5K8HF07	BC FPGA Header Information Loading Fail during Withdrawal Reject	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5K8HF08	BC FPGA Initialize Fail during Withdrawal Reject	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5K8HF09	BC FPGA VERSION Fail during Withdrawal Reject	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5K8HF11	Detection DB #01 loading Fail during Withdrawal Reject	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5K8HF12	Detection DB #02 loading Fail during Withdrawal Reject	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5K8HF13	Detection DB #03 loading Fail during Withdrawal Reject	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5K8HF14	Detection DB #04 loading Fail during Withdrawal Reject	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5K8HF15	Detection DB #05 loading Fail during Withdrawal Reject	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5K8HF16	Detection DB #06 loading Fail during Withdrawal Reject	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5K8HF17	Detection DB #07 loading Fail during Withdrawal Reject	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5K8HF18	Detection DB #08 loading Fail during Withdrawal Reject	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5K8HF19	Detection DB #09 loading Fail during Withdrawal Reject	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5K8HF20	Detection DB #10 loading Fail during Withdrawal Reject	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5K8HG01	Mode Set Error When Receive BC MODE Command (Mode Value is not 1 or 2 ) during Withdrawal Reject	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5K8HG02	Detection Level Set Error When Receive BC MODE Command (Detection Level Value is 0 ) during Withdrawal Reject	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5K8HG03	BC Transaction Ready Fail When Receive BC READY Command during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5K8HG04	Mode Set Error When Receive BC READY Command (Mode Value is not 1 or 2 ) during Withdrawal Reject	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5K8HG05	Detection Level Set Error When Receive BC READY Command (Detection Level Value is 0 ) during Withdrawal Reject	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5K8HG06	BC Entry Direction Set Error When Receive BC READY Command (Not Deposit/Withdrawal/Stack Direction ) during Withdrawal Reject	1. Check BC putting direction.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5K8HG07	Receive BC Unknown Command during Withdrawal Reject	1. Check BC reception full command.1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization.
5K8HG08	The Number of Nations Set Error When Receive BC DATA WRITE Command (Over 0, 10) during Withdrawal Reject	1. Check the number of supported country.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5K8HG09	Nation Code Set Error When Receive BC DATA WRITE Command during Withdrawal Reject	1. Check the supported country code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5K8HG10	Detection DB of the Nation is not exist When Receive BC DATA WRITE Command during Withdrawal Reject	1. Check the BC recognition DB of country.2. Download DB again after deleting all recognition DB3. Operate to initialize BRM(Recovery)4. Reboot the system when same error occurred after initialization.
5K8HG11	No Nation Code When Receive BC READY Command during Withdrawal Reject	1. Check the country setting value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5K8HG12	BC Version Value Set Error When Receive BC DATA WRITE Command (Not BC FPGA) during Withdrawal Reject	1. Check the BC specifications devision and BC FPGA specifications.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initializatio
5K8HG20	Fail to Initialize CIS When Receive BC READY Command during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Check CIS part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5K8HG21	Fail to ENCODER POWER ON When Receive BC READY Command during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5K8HG22	Fail to adjust DD Sensor DAC When Receive BC READY Command during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Check whether the sensor is contaminated or not if same error occurs after Initialize3. Reboot the system when same error occurs even though there is no substance.

Problem Code	Problem Description	Troubleshooting
5K8HG23	DD Sensor DAC Set Error When Receive BC READY Command during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Check DD sensor part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5K8HG24	ENCODER Mode Set Error When Receive BC READY Command during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance
5K8HG30	Counterfeit Note List CRC Error When Receive BC SERIAL NO Command during Withdrawal Reject	1. Check the forged notes list CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5K8HG31	Not Receive The Number of Counterfeit Note Lists and CRC When Receive BC SERIAL NO Command during Withdrawal Reject	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5K8HG32	Over The Number of Counterfeit Note Lists When Receive BC SERIAL NO Command (Over 200) during Withdrawal Reject	1. Check the whole number of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5K8HG33	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Nation Code 0) during Withdrawal Reject	1. Check the country code of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5K8HG34	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Length Over 2~29) during Withdrawal Reject	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5K8HG36	Note Number Detection Mode Set Error When Receive BC MODE Command (Mode Value is Not 0, 1, 2) during Withdrawal Reject	1. Check to the recognized mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5K8HG37	Transaction Classification Set Error When Receive BC MODE Command (Classification Value is Not 0, 1, 2) during Withdrawal Reject	1. Check to the transaction setting.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5K8HG38	Counterfeit Note List Search Classification Set Error When Receive BC SERIAL NO Command 위조지폐 목록 검색 구분 설정 오류 (Classification Value is Not 1, 2, 3 ) during Withdrawal Reject	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5K8HG39	Counterfeit Note List Note Number Set Error When Receive BC SERIAL NO Command (Use '*' When Search Note Number Part) during Withdrawal Reject	1. Check the forged notes list's note numbers.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5K8HG3A	BC MODE SET Bill Management Level Set Error (Over 1~5) during Withdrawal Reject	1. Check check management mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5K8HG3B	Over The Number of BC MODE SET Back Codes (Over 15) during Withdrawal Reject	1. Check the number of check issued by our bank code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5K8HG40	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use End Number at First When Search Note Number Part) during Withdrawal Reject	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5K8HG41	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use Start Number at Last When Search Note Number Part) during Withdrawal Reject	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5K8HG42	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Wrong Start/End Number Order When Search Note Number Part) during Withdrawal Reject	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5K8HG43	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Use Wrong Length Value When Search Note Number Part) during Withdrawal Reject	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5K8HG44	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Use Wrong Nation Code When Search Note Number Part) during Withdrawal Reject	1. Check the forged notes list's country-code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5K8HG45	Not Receive The Number of Bill Number Tables and CRC When Receive Check No Write Command during Withdrawal Reject	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5K8HG46	Bill Number Error When Receive Check No Write Command during Withdrawal Reject	1. Check the check number when registering check number.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5K8HG47	Bill Number Table Length Set Error When Receive Check No Write Command (Length Over 0~50) during Withdrawal Reject	1. Check check number table's length.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5K8HG48	Bill Number Table CRC Error When Receive Check No Write Command during Withdrawal Reject	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5K8HG49	Over The Number of Bill Number Tables When Receive Check No Write Command (Over 5) during Withdrawal Reject	1. Check check total number of tables.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5K8HH01	Fail to Delete NAND FLASH during Withdrawal Reject	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5K8HH02	NAND FLASH Delete BLOCK Set Error When Download Detection DB during Withdrawal Reject	1. Download DB again after checking recognition DB's delete index.2. Operate to initialize BRM(Recovery)
5K8HH03	Fail to Download Detection DB during Withdrawal Reject	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5K8HH04	NAND FLASH Download BLOCK Set Error When Download Detection DB during Withdrawal Reject	1. Download DB again after checking recognition DB's index.2. Operate to initialize BRM(Recovery)
5K8HH05	Detection DB Download File Check Error during Withdrawal Reject	1. Download DB again after checking recognition DB file.2. Operate to initialize BRM(Recovery)
5K8HH06	Detection DB Download File Size Error during Withdrawal Reject	1. Download DB again after checking recognition DB download file.2. Operate to initialize BRM(Recovery)
5K8HH07	DB Table Save Error After Download Detection DB during Withdrawal Reject	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5K8HH08	Over Detection DB Download (Over 10) during Withdrawal Reject	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5K8HH09	Detection DB Header Information Error during Withdrawal Reject	1. Download DB again after deleting recognition DB.2. Operate to initialize BRM(Recovery)
5K8HH10	EP Download Fail during Withdrawal Reject	1. Re-download BC EP.2. Change the BC B/D if continuous error.
5K8HH11	EP Download Check Error during Withdrawal Reject	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5K8HH12	EP Download File Size Error during Withdrawal Reject	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5K8HH13	EP Download File ID Error (Not EPAP/EPBT/EPFP) during Withdrawal Reject	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5K8HH14	BC FPGA Download Fail during Withdrawal Reject	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
5K8HH15	Header Information Save Error After BC FPGA Download during Withdrawal Reject	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
5K8HH16	Not Provide BC FPGA Download during Withdrawal Reject	1. Check BC FPGA VERSION.2. Change the BC B/D if continuous error.
5K8HH17	EEPROM READ/WRITE Error during Withdrawal Reject	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
5K8HH18	Receive Unit Serial Number Undefined Option during Withdrawal Reject	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
5K8HH19	Receive USB Undefined Command during Withdrawal Reject	1. Check USB Command from BC and retry the operation.2. Check BC version and Update EP3. Change the BC B/D if continuous error.
5K8HH20	No BC Process Note When Receive Image Upload Command during Withdrawal Reject	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5K8HH21	FC1 Set Error When Receive Image Upload Command during Withdrawal Reject	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5K8HH22	BC is Processing Note When Receive Image Upload Command during Withdrawal Reject	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5K8HH23	FC2 Set Error When Receive Image Upload Command during Withdrawal Reject	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5K8HH24	Not Provide Total Image Upload Function during Withdrawal Reject	1. Check if SP or TM is out of date.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5K8HH25	Not Provide Note Number Detection Image Upload Function during Withdrawal Reject	1. Check BC image save mode.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5K8HH26	FC2 Set Error When Receive Image Information Upload Command during Withdrawal Reject	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.

Problem Code	Problem Description	Troubleshooting
5K8HH27	BRM Transaction Mode is Not Same with Image Upload Command Mode during Withdrawal Reject	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5K8HH28	BRM Transaction Mode is Not Same with Replenishment/Collect Cash Image Upload Command Mode during Withdrawal Reject	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5K8HH29	No BC Process Note When Receive Replenishment/Collect Cash Image Upload Command during Withdrawal Reject	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5K8HH2A	FC1 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Withdrawal Reject	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5K8HH2B	BC is Processing Note When Receive Replenishment/Collect Cash Image Upload Command during Withdrawal Reject	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5K8HH2C	FC2 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Withdrawal Reject	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5K8HH2D	Not Provide Replenishment/Collect Cash Image Upload Function during Withdrawal Reject	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5K8HH2E	Note Image Upload Index is Not Same When Receive Replenishment/Collect Cash Image Upload Command during Withdrawal Reject	1. Get BC log and image.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5K8HI01	RecogTask Messeage Timeout Error during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5K8HI02	ScanTask Messeage Timeout Error during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5K8HI03	UartTask Messeage Timeout Error during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5K8HI04	BcUsbTask Messeage Timeout Error during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5K8HJ01	Algorithm Initialize Fail during Withdrawal Reject	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5K8HJ02	Algorithm Ready Fail during Withdrawal Reject	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5K8HJ03	Algorithm Information Set Error during Withdrawal Reject	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5K8HK01	Table CRC Error When Set Poly-Note Withdrawal Information during Withdrawal Reject	1. Retry the operation

Problem Code	Problem Description	Troubleshooting
5K8HK02	CST Note Information Set Number Error When Set Poly-Note Withdrawal Information (n is 0 or over 256) during Withdrawal Reject	1. Check the number of CST Setting notes info
5K8HK03	Withdrawal Note Number Set Error When Set Poly-Note Withdrawal Information ( n is 0 or over 3000) during Withdrawal Reject	1. Check Withdrawal notes setting
5K8HK04	Note Information (Not CST Set Note) is Set in Withdrawal Note Information When Set Poly-Note Withdrawal Information during Withdrawal Reject	1. Check Withdrawal notes info
5K8HS01	FPGA Write Data Error When Initialize Scan Driver during Withdrawal Reject	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5K8HS02	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver during Withdrawal Reject	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5K8HS03	Fail to Set CIS Led On Value When Initialize Scan Driver during Withdrawal Reject	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5K8HS04	Fail to Set Source of Scan Light When Initialize Scan Driver during Withdrawal Reject	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5K8HS05	Not Process Shading When Initialize Scan Driver during Withdrawal Reject	1. Perform CiS Shading.2. Operate to initialize BRM(Recovery)
5K8HS08	Fail to Set DAC When Initialize Scan Driver during Withdrawal Reject	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5K8HS11	FPGA Write Data Error When BC Ready during Withdrawal Reject	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5K8HS12	Fail to Power On When BC Ready Sensor(MR/UV/DD/Encoder/Entry Sensor) during Withdrawal Reject	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5K8HS13	Fail to Set CIS Led On Value When BC Ready during Withdrawal Reject	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5K8HS14	Fail to Set Source of Scan Ligh When BC Ready during Withdrawal Reject	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5K8HS15	Not Process Shading When BC Ready during Withdrawal Reject	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5K8HS17	Fail to Set AFE Chip When BC Ready during Withdrawal Reject	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5K8HS18	Fail to Set DAC When BC Ready during Withdrawal Reject	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5K8HS19	MR/UV/DD Sampling Start Error When BC Ready during Withdrawal Reject	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5K8HS1A	Fail to Set 2-Notes DAC When BC Ready during Withdrawal Reject	1. Check whether double notes sensor is contaminate or not.2. Check whether double notes sensor is connected.3. Retry the operation.4. Change the BC if continuous error.
5K8HS1B	2-Notes to 1-Note Adjust Information Error When BC Ready during Withdrawal Reject	1. Perform calibration info about double notes or one note.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5K8HS22	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver When Stop BC during Withdrawal Reject	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5K8HS28	Fail to Set DAC When Stop BC during Withdrawal Reject	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5K8HS29	MR/UV/DD Sampling Stop Error When Stop BC during Withdrawal Reject	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5K8HS31	BC Ready Fail When Process CIS Shading – Use in Plant during Withdrawal Reject	1. Perform calibration info about double notes or one note and double notes DAC2. Retry the operation
5K8HS32	Dark Adjust Fail When Process CIS Shading – Use in Plant during Withdrawal Reject	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Change CIS and Cable5. Change BC
5K8HS33	Over Target Gap When Process CIS Shading Shading – Use in Plant during Withdrawal Reject	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
5K8HS34	Fail to Write Result Value Flash When Process CIS Shading – Use in Plant during Withdrawal Reject	1. Retry the operation2. Change BC
5K8HS35	BC Stop Fail When Process CIS Shading – Use in Plant during Withdrawal Reject	1. Retry the operation2. Change BC
5K8HS36	Over 10Pixel-Excess-Image When Process CIS Shading during Withdrawal Reject	1. Retry the operation2. Check CIS note quility and setting status3. Check CIS Connection Status4. Change BC
5K8HS37	Dark Shading Result Value is Standard Over When Process CIS Shading during Withdrawal Reject	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Retry the operation5. Change BC
5K8HS38	Max Ontime Ove When Process CIS Shadingr – Use in Plant during Withdrawal Reject	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
5K8HS39	Fail to Set Source of Shading Light When Process CIS Shading – Use in Plant during Withdrawal Reject	1. Retry the operation2. Change BC
5K8HS41	Fail to Adjust 2-Notes DAC (Less Than MIN) – Use in Plant during Withdrawal Reject	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the opeartion4. Change BC
5K8HS42	Fail to Adjust 2-Notes DAC (Over MAX) – Use in Plant during Withdrawal Reject	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the opeartion4. Change BC
5K8HS43	2-Notes Adjust Flash Write Fail – Use in Plant during Withdrawal Reject	1. Retry the operation2. Change BC
5K8R100	BC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K8R200	BC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K8R300	BC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5K8R600	BC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K8S100	BCU response MI error during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K8S200	BCU response BCC error during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K8S300	BCU response Sub MI error during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K8S400	BCU response Parameter error during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5K8S900	BCU response Timeout Error during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5KA2100	Error occurred by notes remained in GS801 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5KA2200	Error occurred by notes remained in GS002 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5KA2300	Error occurred by notes remained in GS003 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5KA2400	Error occurred by notes remained in GS004 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5KA2500	Error occurred by notes remained in GS005 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5KA2600	Error occurred by notes remained in GS006 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

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5KA2700	Error occurred by notes remained in GS014 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5KA2800	Error occurred by notes remained in GS018 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5KA2900	Error occurred by notes remained in GS020 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5KA2A00	Error occurred by notes remained in GS021 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5KA2C00	Error occurred by the notes remained in the BCU(CIS Sensor or DD Sensor) during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5KA2E00	Error occurred by notes remained in GS001 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5KA2H00	Error occurred by notes remained in GS618 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5KA2J00	Error occurred by notes remained in GS619 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5KA2K00	Error occurred by notes remained in GS701,702 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5KA2M00	Error occurred by notes remained in GSA01 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5). Open the BC(3) and TOP Transport(4). Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5KA2N00	Error occurred by notes remained in GSA02 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5KA2P00	Error occurred by notes remained in GSA03 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5KA2Q00	Error occurred by notes remained in GSD01 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5KA2W00	Error occurred by notes remained in GS802 during Withdrawal Reject	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5KAA100	UTC open Error before operation Withdrawal Reject	1. Open the upper unit. 2. Check the UTC removal and reinstallation
5KAA200	TSK open Error before operation Withdrawal Reject	1. Open the upper unit. 2. Check the TSK open and close
5KAA300	BMU Inter Lock Error before operation Withdrawal Reject	1. Check BMU open and close
5KAA400	BMU open Error before operation Withdrawal Reject	1. Check BMU open and close
5KAA500	Replenishment CST open Error before operation Withdrawal Reject	1. Check the Transit CST installation
5KAA600	CSM open Error before operation Withdrawal Reject	1. Open the upper unit. 2. Check CSM Open/Close
5KAA800	BMD Inter Lock Error before operation Withdrawal Reject	1. Open the lower unit. 2. Check the BMD open and close
5KAA900	BMD open Error before operation Withdrawal Reject	1. Open the lower unit. 2. Check the BMD open and close
5KAAA00	BC Open Error before operation Withdrawal Reject	1. Open the upper unit. 2. Check BC Open/Close
5KAAB00	RC Full Error before operation Withdrawal Reject	1. Open the lower unit. 2. Check RC Full and remove notes
5KAAC00	RJC Full Error before operation Withdrawal Reject	1. Open the upper unit. 2. Check RJC Full and remove notes
5KAAD00	UTC Full Error before operation Withdrawal Reject	1. Open the upper unit. 2. Remove UTC and open the UTC Door3. Remove notes and reinstallation UTC
5KAAE00	RTC Full Error before operation Withdrawal Reject	1. Open the lower unit. 2. Remove RT/RJC and open the Door3. Remove notes and reinstall RT/RJC
5KAAF00	RC Empty Error before operation Withdrawal Reject	1. Open the lower unit. 2. Remove RC and open the RC Door, Check the Empty Status3. Reinstall the RC

Problem Code	Problem Description	Troubleshooting
5KAAG00	Suspected note RC open Error before operation Withdrawal Reject	1. Open the lower unit. 2. Check the RC removal and reinstall
5KAAJ00	Withdrawal Reject is not supported in the setting Test Mode	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5KAAL00	Selected RC Cassette during withdrawal Reject Error before operation Withdrawal Reject	1. Open the lower unit2. Check status of RC (Note Used, Failure Status)3.Operate to initialize BRM(Recovery)
5KAE100	Received operation command without Initial Info Set during Withdrawal Reject	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5KAE200	Status on not operation reception command during Withdrawal Reject	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5KAE300	Received operation command without System Info Read during Withdrawal Reject	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5KAE400	Transaction was executed without Initializing after power on during Withdrawal Reject	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5KAEE00	RBU RS485 communication sequence disorder during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5KAEF00	RBU RS485 connection line disorder during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5KAEL00	RBU communication was not ready after power on during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5KAH600	Failure to check clearing NVRAM during Withdrawal Reject	1. Operate to initialize BRM(Recovery)
5KAHF00	Transaction count exists but GS801A sensor no change during Withdrawal Reject	1. Check GS801A2. Operate to initialize BRM(Recovery)
5KAHG00	Transaction count exists but GS801B sensor no change during Withdrawal Reject	1. Check GS801B2. Operate to initialize BRM(Recovery)
5KAHH00	Transaction count exists but GS802A sensor no change during Withdrawal Reject	1. Check GS802A2. Operate to initialize BRM(Recovery)
5KAHJ00	Transaction count exists but GS802B sensor no change during Withdrawal Reject	1. Check GS802B2. Operate to initialize BRM(Recovery)
5KAR100	Message timeout error during operation ready during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5KAR200	Message timeout error during transation operation during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5KAR300	Message timeout error during error postprocessing during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5KAR800	RBU/BC sensor auto dimming response message timeout error during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5KARC00	BC response message timeout error during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5KARJ00	Message timeout error during Stop Ready during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5KAS800	RC is not in use during Replenishment (Not for Deposit or Error occurred) during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5KAS900	Reject CST Set Error during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5KASM00	Reject Stack Cassette breakdown during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5KBH100	RC1 EEPROM Read Error during Withdrawal Reject	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5KBH200	RC2 EEPROM Read Error during Withdrawal Reject	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5KBH300	RC3 EEPROM Read Error during Withdrawal Reject	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5KBH400	RC4 EEPROM Read Error during Withdrawal Reject	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5KBH500	RC5 EEPROM Read Error during Withdrawal Reject	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5KBH600	RC6 EEPROM Read Error during Withdrawal Reject	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5KBH700	RC1 EEPROM Write Error during Withdrawal Reject	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5KBH800	RC2 EEPROM Write Error during Withdrawal Reject	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5KBH900	RC3 EEPROM Write Error during Withdrawal Reject	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5KBHA00	RC4 EEPROM Write Error during Withdrawal Reject	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5KBHB00	RC5 EEPROM Write Error during Withdrawal Reject	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization

Problem Code	Problem Description	Troubleshooting
5KBHC00	RC6 EEPROM Write Error during Withdrawal Reject	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5KBHD00	RC1 EEPROM Verify Error during Withdrawal Reject	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5KBHE00	RC2 EEPROM Verify Error during Withdrawal Reject	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5KBHF00	RC3 EEPROM Verify Error during Withdrawal Reject	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5KBHG00	RC4 EEPROM Verify Error during Withdrawal Reject	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5KBHH00	RC5 EEPROM Verify Error during Withdrawal Reject	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5KBHJ00	RC6 EEPROM Verify Error during Withdrawal Reject	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5KBHK00	BMD Open Error During EEPROM Read/Write during Withdrawal Reject	1. Check the lower Unit load/removal
5KBHU00	BMD EEPROM Read Error during Withdrawal Reject	1. Replace RBU B/D
5KBHV00	BMD EEPROM Write Error during Withdrawal Reject	1. Replace RBU B/D
5KBHW00	BMD EEPROM Verify Error during Withdrawal Reject	1. Replace RBU B/D
5KBHX00	RC7 EEPROM Read Error during Withdrawal Reject	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5KBHY00	RC7 EEPROM Write Error during Withdrawal Reject	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5KBHZ00	RC7 EEPROM Verify Error during Withdrawal Reject	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5KBR000	RBU Response Timeout during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5KBR700	RBU Response Message Timeout during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5KBS100	RBU RS-232 Seq Num Echo Error during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5KBS200	RBU RS-232 MI Echo Error during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5KBSS00	RBU Auto Calibration Command Parameter Error during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5KC0100	RC6 GSC01 Light Jam during Withdrawal Reject	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KC0200	RC6 GSC02 Light Jam during Withdrawal Reject	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KC0500	RC6 GSC05 Light Jam during Withdrawal Reject	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(8)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5KC0Z00	RC6 All Light Jam during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5KC1100	RC6 GSC01 Dark Jam during Withdrawal Reject	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KC1200	RC6 GSC02 Dark Jam during Withdrawal Reject	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KC1500	RC6 GSC05 Dark Jam during Withdrawal Reject	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KC1Z00	RC6 All Dark Jam during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5KC2100	Error occurred by notes remained in RC6 GSC01 during Withdrawal Reject	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KC2200	Error occurred by notes remained in RC6 GSC02 during Withdrawal Reject	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KC2500	Error occurred by notes remained in RC6 GSC05 during Withdrawal Reject	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KC2Z00	Error occurred by notes remained in RC6 All during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5KC3100	Sensor auto calibration error in RC6 GSC01 during Withdrawal Reject	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KC3200	Sensor auto calibration error in RC6 GSC02 during Withdrawal Reject	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KC3500	Sensor auto calibration error in RC6 GSC05 during Withdrawal Reject	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KC3Z00	Sensor auto calibration error in RC6 All during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5KC4100	Extern lights check error in RC6 GSC01 during Withdrawal Reject	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KC4200	Extern lights check error in RC6 GSC02 during Withdrawal Reject	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KC4500	Extern lights check error in RC6 GSC05 during Withdrawal Reject	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KC4Z00	Extern lights check error in RC6 All during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5KC5100	Path error on transport path in RC6 GSC01 during Withdrawal Reject	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KC5200	Path error on transport path in RC6 GSC02 during Withdrawal Reject	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KC5500	Path error on transport path in RC6 GSC05 during Withdrawal Reject	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KC5Z00	Path error on transport path in RC6 All during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5KC6100	Path error on sensor except for transport path in RC6 GSC01 during Withdrawal Reject	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KC6200	Path error on sensor except for transport path in RC6 GSC02 during Withdrawal Reject	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KC6500	Path error on sensor except for transport path in RC6 GSC05 during Withdrawal Reject	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KC6Z00	Path error on sensor except for transport path in RC6 All during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5KC7100	Error occurred by the notes disorder in RC6 GSC01 during Withdrawal Reject	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KC7200	Error occurred by the notes disorder in RC6 GSC02 during Withdrawal Reject	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KC7500	Error occurred by the notes disorder in RC6 GSC05 during Withdrawal Reject	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KC7Z00	Error occurred by the notes disorder in RC6 All during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5KCG100	RC6 Failure of returning notes (GSC01,GSC02 Sensors detect no notes) during Withdrawal Reject	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KCG200	RC6 Failure to move PP to stack position during Withdrawal Reject	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(8). 4. Open the recycle cassette door(8).5. Check cassette status to move stage up and down.
5KCG400	RC6 Failure to upward moving of PP during RC6 stack roller retreat movement during Withdrawal Reject	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(8). 4. Open the recycle cassette door(8).5. Check cassette status to move stage up and down.
5KCG500	RC6 Failure to stack roller retreat (GSC13 Sensor no change) during Withdrawal Reject	1. Open the lower unit.2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
5KCG600	RC6 Stack Roller retreat position disorder during RC Separation during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5KCG700	RC6 RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GSC07) no change) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5KCG800	RC6 Failure to move PP to press position (GSC08 Sensor Dark Fail) during Withdrawal Reject	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(8).4. Check the stage status after open the recycle cassette(8).5. Check the upper side of the recycle cassette
5KCGA00	RC6 RC Solenoid Echo error during Withdrawal Reject	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8) and reload.4. Replace the cassette when same error occurs.
5KCGB00	RC6 Feed Roller homeposition Sensor(GSC07) Light detect fail during RC Stack during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5KCGC00	RC6 Feed Roller homeposition Sensor(GSC07) Dark detect fail during RC Stack during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5KCGD00	RC6 GSC01,GSC02 Detect notes during move RC Feed Roller to homeposition during Withdrawal Reject	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KCGE00	RC6 GSC08 detect dark before move RC Feed Roller to homeposition during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
5KCGF00	RC6 Notes Setting error during initialize (GSC14, Bottom Sensor(GSC12) both dark) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
5KCGG00	RC6 Stack Roller Sensor(GSC13) detect light during RC FM Stack during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5KCGH00	RC6 Stack Roller Sensor(GSC13) detect dark during RC FM Stack during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5KCGJ00	RC6 RC Stack Roller retreat fail (Motor Overrun) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
5KCGK00	RC6 RC Stack Roller retreat fail (Motor speed error) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5KCGL00	RC6 RC Feed Roller homeposition fail (Motor speed error) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5KCGQ00	RJC Press and Stack position fail during Withdrawal Reject	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
5KCGR00	RJC Stack position fail during Withdrawal Reject	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
5KCGS00	RC6 RJC Press position fail during Withdrawal Reject	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
5KCGT00	RC6 GSC51 fail to detect dark when PP moves down during RJC PP Stack during Withdrawal Reject	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
5KCGU00	RC6 GSC51 fail to detect light when PP moves down during RJC PP Stack during Withdrawal Reject	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
5KCGV00	RC6 GSC52 fail to detect dark when PP moves down during RJC PP Stack during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
5KCGW00	RC6 GSC51 fail to detect light when PP moves down during RJC initialize during Withdrawal Reject	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
5KCGX00	RC6 GSC01 detects notes during RJC intialize during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KCJ100	RC6 RJC Full during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
5KCJ200	RC6 RC No Residue during Withdrawal Reject	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(8).4. Check the notes remain after open the recycle cassette door(8)5. Fill up the Notes if there are no notes

Problem Code	Problem Description	Troubleshooting
5KCJ300	RC6 Full,Bottom no detect before move RC PP to stack position during Withdrawal Reject	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(8).4. Check the stage status after open the recycle cassette(8).5. Check contamination of GS111/GS112 sensor.
5KCR100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5KCR200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5KCR300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5KCR600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5KCRF00	RC6 Feed Motor response timeout during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5KRP00	RC6 PP response timeout during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5KCS200	RC6 Receive undefined command during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5KCS300	RC6 Task not for separation receive separation command during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5KCSA00	RC6 Sub Task receive undefined command during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5CSR00	RC6 Sub Task for Wait Setting Error during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5KE0100	CST GS901 Light Jam during Withdrawal Reject	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5KE0200	CST GS902 Light Jam during Withdrawal Reject	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5KE0500	CST GS905 Light Jam during Withdrawal Reject	1. Remove note in the transit path.2. Open the transit cassette door after remove the cassette.3. Remove note in the upper side.
5KE0Z00	CST All Light Jam during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5KE1100	CST GS901 Dark Jam during Withdrawal Reject	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5KE1200	CST GS902 Dark Jam during Withdrawal Reject	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5KE1500	CST GS905 Dark Jam during Withdrawal Reject	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5KE1Z00	CST All Dark Jam during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5KE2100	Error occurred by notes remained in CST GS901 during Withdrawal Reject	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5KE2200	Error occurred by notes remained in CST GS902 during Withdrawal Reject	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5KE2500	Error occurred by notes remained in CST GS905 during Withdrawal Reject	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5KE2Z00	Error occurred by notes remained in CST All during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5KE3100	Sensor auto calibration error in CST GS901 during Withdrawal Reject	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5KE3200	Sensor auto calibration error in CST GS902 during Withdrawal Reject	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5KE3500	Sensor auto calibration error in CST GS905 during Withdrawal Reject	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5KE3Z00	Sensor auto calibration error in CST All during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5KE4100	Extern lights check error in CST GS901 during Withdrawal Reject	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5KE4200	Extern lights check error in CST GS902 during Withdrawal Reject	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5KE4500	Extern lights check error in CST GS905 during Withdrawal Reject	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5KE4Z00	Extern lights check error in CST All during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5KE5100	Path error on transport path in CST GS901 during Withdrawal Reject	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5KE5200	Path error on transport path in CST GS902 during Withdrawal Reject	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5KE5500	Path error on transport path in CST GS905 during Withdrawal Reject	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5KE5Z00	Path error on transport path in CST All during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5KE6100	Path error on sensor except for transport path in CST GS901 during Withdrawal Reject	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5KE6200	Path error on sensor except for transport path in CST GS902 during Withdrawal Reject	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5KE6500	Path error on sensor except for transport path in CST GS905 during Withdrawal Reject	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5KE6Z00	Path error on sensor except for transport path in CST All during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5KE7100	Error occurred by the notes disorder in CST GS901 during Withdrawal Reject	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5KE7200	Error occurred by the notes disorder in CST GS902 during Withdrawal Reject	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5KE7500	Error occurred by the notes disorder in CST GS905 during Withdrawal Reject	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5KE7Z00	Error occurred by the notes disorder in CST All during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5KEG100	CST Failure of returning notes (GS901,GS902 Sensors detect no notes) during Withdrawal Reject	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5KEG200	CST Failure to move PP to stack position during Withdrawal Reject	1. Remove the transit cassette.2. Open the cassette door.3. Check the stage status.
5KEG400	CST Failure to upword moving of PP during RC stack roller retreat movement during Withdrawal Reject	1. Remove the transit cassette.2. Open the cassette door.3. Check the stage status.
5KEG500	CST Failure to stack roller retreat (GS913 Sensor no change) during Withdrawal Reject	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5KEG600	CST Stack Roller retreat position disorder during RC Separation during Withdrawal Reject	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5KEG700	CST RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS907) no change) during Withdrawal Reject	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5KEG800	CST Failure to move PP to press position (GS908 Sensor Dark Fail) during Withdrawal Reject	1. Remove the transit cassette.2. Check the stage status after open the cassette.3. Check the upper side of the cassette
5KEGA00	CST RC Solenoid Echo error during Withdrawal Reject	1. Reload the transit cassette after removing the cassette.2. Change the cassette when same error occur.
5KEGB00	CST Feed Roller homeposition Sensor(GS907) Light detect fail during RC Stack during Withdrawal Reject	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5KEGC00	CST Feed Roller homeposition Sensor(GS907) Dark detect fail during RC Stack during Withdrawal Reject	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5KEGD00	CST GS901,GS902 Detect notes during move RC Feed Roller to homeposition during Withdrawal Reject	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5KEGE00	CST GS908 detect dark before move RC Feed Roller to homeposition during Withdrawal Reject	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note.
5KEGF00	CST Notes Setting error during initialize (GS914, Bottom Sensor(GS912) both dark) during Withdrawal Reject	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note.
5KEGG00	CST Stack Roller Sensor(GS913) detect light during RC FM Stack during Withdrawal Reject	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
5KEGH00	CST Stack Roller Sensor(GS913) detect dark during RC FM Stack during Withdrawal Reject	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5KEGJ00	CST RC Stack Roller retreat fail (Motor Overrun) during Withdrawal Reject	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5KEGK00	CST RC Stack Roller retreat fail (Motor speed error) during Withdrawal Reject	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5KEGL00	CST RC Feed Roller homeposition fail (Motor speed error) during Withdrawal Reject	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5KEJ200	CST No Residue during Withdrawal Reject	1. Remove the transit cassette.2. Check the notes remain after open the cassette door.3. Fill up the Notes if there are no notes
5KEJ300	CST Full,Bottom no detect before move RC PP to stack position during Withdrawal Reject	1. Remove the transit cassette.2. Check the stage status after open the cassette.3. Check the upper side of the cassette
5KER100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5KER200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5KER300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5KER600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5KERF00	CST Feed Motor response timeout during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5KERP00	CST PP response timeout during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5KES200	CST Receive undefined command during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5KES300	CST RC Task not for separation receive separation command during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5KESA00	CST RC Sub Task receive undefined command during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5KESR00	CST Sub Task for Wait Setting Error during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5KF0100	RC7 GSF01 Light Jam during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KF0200	RC7 GSF02 Light Jam during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KF0500	RC7 GSF05 Light Jam during Withdrawal Reject	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(F)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5KF0Z00	RC7 All Light Jam during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5KF1100	RC7 GSF01 Dark Jam during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KF1200	RC7 GSF02 Dark Jam during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KF1500	RC7 GSF05 Dark Jam during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KF1Z00	All RC7 Sensor Dark Jam during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5KF2100	Error occurred by notes remained in RC7 GSF01 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KF2200	Error occurred by notes remained in RC7 GSF02 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KF2500	Error occurred by notes remained in RC7 GSF05 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KF2Z00	Error occurred by notes remained in All RC7 Sensor during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5KF3100	RC7 GSF01 Sensor auto calibration error during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KF3200	RC7 GSF02 Sensor auto calibration error during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KF3500	RC7 GSF05 Sensor auto calibration error during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KF3Z00	All RC7 Sensor auto calibration error during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5KF4100	RC7 GSF01 Extern lights check error during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KF4200	RC7 GSF02 Extern lights check error during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KF4500	RC7 GSF05 Extern lights check error during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KF4Z00	All RC7 Sensor Extern lights check error during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5KF5100	RC7 GSF01 Path error on transport path during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KF5200	RC7 GSF02 Path error on transport path during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KF5500	RC7 GSF05 Path error on transport path during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KF5Z00	All RC7 Sensor Path error on transport path during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5KF6100	RC7 GSF01 Path error on sensor except for transport path during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KF6200	RC7 GSF02 Path error on sensor except for transport path during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KF6500	RC7 GSF05 Path error on sensor except for transport path during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KF6Z00	RC7 All Path error on sensor except for transport path during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5KF7100	Error occurred by the notes disorder in RC7 GSF01 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KF7200	Error occurred by the notes disorder in RC7 GSF02 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KF7500	Error occurred by the notes disorder in RC7 GSF05 during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KF7Z00	Error occurred by the notes disorder in RC7 All during Withdrawal Reject	1. Operate to initialize BRM.(Recovery)
5KFG100	RC7 Failure of returning notes (GSF01,GSF02 Sensors detect no notes) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KFG200	RC7 Failure to move PP to stack position during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (A)4. Open the recycle cassette door(A) 5. Check cassette status to move stage up and down
5KFG400	RC7 Failure to upward moving of PP during RC7 stack roller retreat movement during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (A)4. Open the recycle cassette door(A) 5. Check cassette status to move stage up and down
5KFG500	RC7 Failure to stack roller retreat (GS113 Sensor no change) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
5KFG600	RC7 Stack Roller retreat position disorder during RC Separation during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5KFG700	RC7 Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GSF07) no change) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5KFG800	RC7 Failure to move PP to press position (GSF08 Sensor Dark Fail) during Withdrawal Reject	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(F).4. Check the stage status after open the recycle cassette(F).5. Check the upper side of the recycle cassette
5KFGA00	RC7 Solenoid Echo error during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F) and reload4. Replace the cassette when same error occurs
5KFGB00	RC7 Feed Roller homeposition Sensor(GSF07) Light detect fail during RC Stack during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5KFGC00	RC7 Feed Roller homeposition Sensor(GSF07) Dark detect fail during RC Stack during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5KFGD00	RC7 GSF01,GSF02 Detect notes during move RC Feed Roller to homeposition during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5KFGE00	RC7 GSF08 detect dark before move RC Feed Roller to homeposition during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note.
5KFGF00	RC7 Notes Setting error during initialize (GSF14, Bottom Sensor(GSF12) both dark) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note.
5KFGG00	RC7 Stack Roller Sensor(GS113) detect light during RC FM Stack during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5KFGH00	RC7 Stack Roller Sensor(GS113) detect dark during RC FM Stack during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5KFGJ00	RC7 Stack Roller retreat fail (Motor Overrun) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
5KFGK00	RC7 Stack Roller retreat fail (Motor speed error) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5KFGL00	RC7 Feed Roller homeposition fail (Motor speed error) during Withdrawal Reject	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5KFJ200	RC7 No Residue during Withdrawal Reject	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(F).4. Check the notes remain after open the recycle cassette door(A)5. Fill up the Notes if there are no notes
5KFJ300	Full,Bottom no detect before move RC7 PP to stack position during Withdrawal Reject	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(F).4. Check the stage status after open the recycle cassette(F).5. Check contamination of GSF11/GSF12 sensor.
5KFRF00	RC7 Feed Motor response timeout during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5KFRP00	RC7 PP response timeout during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5KFS200	RC7 Receive undefined command during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5KFS300	RC7 Task not for separation receive separation command during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5KFSA00	RC7 Sub Task receive undefined command during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5KFSR00	RC7 Sub Task for Wait Setting Error during Withdrawal Reject	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5KUS100	USB Bulk Sequence Error during Withdrawal Reject.	1. Restart over AP-SP
5KUS300	USB Bulk Received Length Error during Withdrawal Reject.	1. Reboot the system
5KUS400	Message transmission Error from USB to Main Task during Withdrawal Reject.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
5KUS500	Message reception Error from MainTask to USB during Withdrawal Reject.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
5KUSCMD	Bulk command data check error during Withdrawal Reject. (USB communication failure)	1. Restart over AP-SP
5KUSCRC	CRC data check error during Withdrawal Reject. (USB communication failure)	1. Restart over AP-SP

Problem Code	Problem Description	Troubleshooting
5KUSLEN	Bulk length error during Withdrawal Reject. (USB communication failure)	1. Restart over AP-SP
5L1R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5L1R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5L1R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5L1R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5L2R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5L2R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5L2R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5L2R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5L30100	RC3 GS301 Light Jam during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L30200	RC3 GS302 Light Jam during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L30500	RC3 GS305 Light Jam during Log Read	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(C)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5L31100	RC3 GS301 Dark Jam during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L31200	RC3 GS302 Dark Jam during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5L31500	RC3 GS305 Dark Jam during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L32100	Error occurred by notes remained in RC3 GS301 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L32200	Error occurred by notes remained in RC3 GS302 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L32500	Error occurred by notes remained in RC3 GS305 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L33100	Sensor auto calibration error in RC3 GS301 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L33200	Sensor auto calibration error in RC3 GS302 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L33500	Sensor auto calibration error in RC3 GS305 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L34100	Extern lights check error in RC3 GS301 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L34200	Extern lights check error in RC3 GS302 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L34500	Extern lights check error in RC3 GS305 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5L35100	Path error on transport path in RC3 GS301 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L35200	Path error on transport path in RC3 GS302 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L35500	Path error on transport path in RC3 GS305 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L36100	Path error on sensor except for transport path in RC3 GS301 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L36200	Path error on sensor except for transport path in RC3 GS302 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L36500	Path error on sensor except for transport path in RC3 GS305 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L37100	Error occurred by the notes disorder in RC3 GS301 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L37200	Error occurred by the notes disorder in RC3 GS302 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L37500	Error occurred by the notes disorder in RC3 GS305 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L3L100	Remaining notes stack process error in RC3 GS301 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5L3L200	Remaining notes stack process error in RC3 GS302 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L3L500	Remaining notes stack process error in RC3 GS305 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L3R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5L3R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5L3R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5L3R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5L40100	RC4 GS401 Light Jam during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L40200	RC4 GS402 Light Jam during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L40500	RC4 GS405 Light Jam during Log Read	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(D)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5L41100	RC4 GS401 Dark Jam during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L41200	RC4 GS402 Dark Jam during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L41500	RC4 GS405 Dark Jam during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5L42100	Error occurred by notes remained in RC4 GS401 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L42200	Error occurred by notes remained in RC4 GS402 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L42500	Error occurred by notes remained in RC4 GS405 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L43100	Sensor auto calibration error in RC4 GS401 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L43200	Sensor auto calibration error in RC4 GS402 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L43500	Sensor auto calibration error in RC4 GS405 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L44100	Extern lights check error in RC4 GS401 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L44200	Extern lights check error in RC4 GS402 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L44500	Extern lights check error in RC4 GS405 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L45100	Path error on transport path in RC4 GS401 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5L45200	Path error on transport path in RC4 GS402 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L45500	Path error on transport path in RC4 GS405 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L46100	Path error on sensor except for transport path in RC4 GS401 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L46200	Path error on sensor except for transport path in RC4 GS402 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L46500	Path error on sensor except for transport path in RC4 GS405 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L47100	Error occurred by the notes disorder in RC4 GS401 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L47200	Error occurred by the notes disorder in RC4 GS402 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L47500	Error occurred by the notes disorder in RC4 GS405 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L4L100	Remaining notes stack process error in RC4 GS401 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L4L200	Remaining notes stack process error in RC4 GS402 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5L4L500	Remaining notes stack process error in RC4 GS405 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L4R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5L4R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5L4R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5L4R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5L50100	RC5 GS501 Light Jam during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L50200	RC5 GS502 Light Jam during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L50500	RC5 GS505 Light Jam during Log Read	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(E)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5L51100	RC5 GS501 Dark Jam during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L51200	RC5 GS502 Dark Jam during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L51500	RC5 GS505 Dark Jam during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L52100	Error occurred by notes remained in RC5 GS501 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5L52200	Error occurred by notes remained in RC5 GS502 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L52500	Error occurred by notes remained in RC5 GS505 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L53100	Sensor auto calibration error in RC5 GS501 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L53200	Sensor auto calibration error in RC5 GS502 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L53500	Sensor auto calibration error in RC5 GS505 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L54100	Extern lights check error in RC5 GS501 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L54200	Extern lights check error in RC5 GS502 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L54500	Extern lights check error in RC5 GS505 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L55100	Path error on transport path in RC5 GS501 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L55200	Path error on transport path in RC5 GS502 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5L55500	Path error on transport path in RC5 GS505 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L56100	Path error on sensor except for transport path in RC5 GS501 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L56200	Path error on sensor except for transport path in RC5 GS502 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L56500	Path error on sensor except for transport path in RC5 GS505 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L57100	Error occurred by the notes disorder in RC5 GS501 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L57200	Error occurred by the notes disorder in RC5 GS502 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L57500	Error occurred by the notes disorder in RC5 GS505 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L5L100	Remaining notes stack process error in RC5 GS501 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L5L200	Remaining notes stack process error in RC5 GS502 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L5L500	Remaining notes stack process error in RC5 GS505 during Log Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5L5R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5L5R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5L5R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5L5R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5L6H100	CSM EEPROM Write Error (System info inquiry/EEPROM Write) during Log Read	1. Check CSM EEPROM2. Cehck CSM EEPROM connection3. Replace CSM B/D if same error occurs during EEPROM R/W
5L6H200	CSM EEPROM Read Error (System info inquiry/EEPROM Read/Wrtie) during Log Read	1. Check CSM EEPROM2. Cehck CSM EEPROM connection3. Replace CSM B/D if same error occurs during EEPROM R/W
5L6R100	CSM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5L6R200	CSM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5L6R300	CSM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5L6R600	CSM response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5L7R100	TSK response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5L7R200	TSK response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5L7R300	TSK response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5L7R600	TSK response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5L8HA01	GS801A Sensor Error during Log Read	1. Check GS801A2. Operate to initialize BRM(Recovery)
5L8HA02	GS801B Sensor Error during Log Read	1. Check GS801B2. Operate to initialize BRM(Recovery)
5L8HA03	GS801A, GS801B Sensor Error during Log Read	1. Check GS801A, GS801B2. Operate to initialize BRM(Recovery)
5L8HA04	GS802A Sensor Error during Log Read	1. Check GS802A2. Operate to initialize BRM(Recovery)
5L8HA05	GS801A, GS802A Sensor Error during Log Read	1. Check GS801A, GS802A2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5L8HA06	GS801B, GS802A Sensor Error during Log Read	1. Check GS801B, GS802A2. Operate to initialize BRM(Recovery)
5L8HA07	GS801A, GS801B, GS802A Sensor Error during Log Read	1. Check GS801A, GS801B, GS802A2. Operate to initialize BRM(Recovery)
5L8HA08	GS802B Sensor Error during Log Read	1. Check GS802B2. Operate to initialize BRM(Recovery)
5L8HA09	GS801A, GS802B Sensor Error during Log Read	1. Check GS801A, GS802B2. Operate to initialize BRM(Recovery)
5L8HA10	GS801B, GS802B Sensor Error during Log Read	1. Check GS801B, GS802B2. Operate to initialize BRM(Recovery)
5L8HA11	GS801A, GS801B, GS802B Sensor Error during Log Read	1. Check GS801A, GS801B, GS802B2. Operate to initialize BRM(Recovery)
5L8HA12	GS802A, GS802B Sensor Error during Log Read	1. Check GS802A, GS802B2. Operate to initialize BRM(Recovery)
5L8HA13	GS801A, GS802A, GS802B Sensor Error during Log Read	1. Check GS801A, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5L8HA14	GS801B, GS802A, GS802B Sensor Error during Log Read	1. Check GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5L8HA15	GS801A, GS801B, GS802A, GS802B Sensor Error during Log Read	1. Check GS801A, GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5L8HB01	MR Sensor Level Error during Log Read	1. Check MR Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5L8HC02	UV_01 Sensor Level Error during Log Read	1. Check UV Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5L8HF03	CIS Shading data loading Fail during Log Read	1. Operate shading in the BC CIS2. Operate to initialize BRM(Recovery)
5L8HF04	Detection DB Table loading Fail during Log Read	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5L8HF05	BC FPGA Data checksum Fail during Log Read	1. Check to BC FPGA File2. Operate to initialize BRM(Recovery)
5L8HF06	BC FPGA Configuration Fail during Log Read	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5L8HF07	BC FPGA Header Information Loading Fail during Log Read	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5L8HF08	BC FPGA Initialize Fail during Log Read	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5L8HF09	BC FPGA VERSION Fail during Log Read	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5L8HF11	Detection DB #01 loading Fail during Log Read	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5L8HF12	Detection DB #02 loading Fail during Log Read	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5L8HF13	Detection DB #03 loading Fail during Log Read	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5L8HF14	Detection DB #04 loading Fail during Log Read	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5L8HF15	Detection DB #05 loading Fail during Log Read	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5L8HF16	Detection DB #06 loading Fail during Log Read	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5L8HF17	Detection DB #07 loading Fail during Log Read	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5L8HF18	Detection DB #08 loading Fail during Log Read	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5L8HF19	Detection DB #09 loading Fail during Log Read	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5L8HF20	Detection DB #10 loading Fail during Log Read	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5L8HG01	Mode Set Error When Receive BC MODE Command (Mode Value is not 1 or 2 ) during Log Read	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5L8HG02	Detection Level Set Error When Receive BC MODE Command (Detection Level Value is 0 ) during Log Read	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5L8HG03	BC Transaction Ready Fail When Receive BC READY Command during Log Read	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5L8HG04	Mode Set Error When Receive BC READY Command (Mode Value is not 1 or 2 ) during Log Read	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5L8HG05	Detection Level Set Error When Receive BC READY Command (Detection Level Value is 0 ) during Log Read	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5L8HG06	BC Entry Direction Set Error When Receive BC READY Command (Not Deposit-Withdrawal/Stack Direction ) during Log Read	1. Check BC putting direction.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5L8HG07	Receive BC Unknown Command during Log Read	1. Check BC reception full command.1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization.
5L8HG08	The Number of Nations Set Error When Receive BC DATA WRITE Command (Over 0, 10) during Log Read	1. Check the number of supported country.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5L8HG09	Nation Code Set Error When Receive BC DATA WRITE Command during Log Read	1. Check the supported country code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5L8HG10	Detection DB of the Nation is not exist When Receive BC DATA WRITE Command during Log Read	1. Check the BC recognition DB of country.2. Download DB again after deleting all recognition DB3. Operate to initialize BRM(Recovery)4. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5L8HG11	No Nation Code When Receive BC READY Command during Log Read	1. Check the country setting value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5L8HG12	BC Version Value Set Error When Receive BC DATA WRITE Command (Not BC FPGA) during Log Read	1. Check the BC specifications devision and BC FPGA specifications.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initializatio
5L8HG20	Fail to Initialize CIS When Receive BC READY Command during Log Read	1. Operate to initialize BRM(Recovery)2. Check CIS part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5L8HG21	Fail to ENCODER POWER ON When Receive BC READY Command during Log Read	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5L8HG22	Fail to adjust DD Sensor DAC When Receive BC READY Command during Log Read	1. Operate to initialize BRM(Recovery)2. Check whether the sensor is contaminated or not if same error occurs after Initialize3. Reboot the system when same error occurs even though there is no substance.
5L8HG23	DD Sensor DAC Set Error When Receive BC READY Command during Log Read	1. Operate to initialize BRM(Recovery)2. Check DD sensor part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5L8HG24	ENCODER Mode Set Error When Receive BC READY Command during Log Read	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance
5L8HG30	Counterfeit Note List CRC Error When Receive BC SERIAL NO Command during Log Read	1. Check the forged notes list CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5L8HG31	Not Receive The Number of Counterfeit Note Lists and CRC When Receive BC SERIAL NO Command during Log Read	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5L8HG32	Over The Number of Counterfeit Note Lists When Receive BC SERIAL NO Command (Over 200) during Log Read	1. Check the whole number of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5L8HG33	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Nation Code 0) during Log Read	1. Check the country code of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5L8HG34	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Length Over 2~29) during Log Read	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5L8HG36	Note Number Detection Mode Set Error When Receive BC MODE Command (Mode Value is Not 0, 1, 2) during Log Read	1. Check to the recognized mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5L8HG37	Transaction Classification Set Error When Receive BC MODE Command (Classification Value is Not 0, 1, 2) during Log Read	1. Check to the transaction setting.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.

Problem Code	Problem Description	Troubleshooting
5L8HG38	Counterfeit Note List Search Classification Set Error When Receive BC SERIAL NO Command 위조지폐 목록 검색 구분 설정 오류 (Classification Value is Not 1, 2, 3 ) during Log Read	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5L8HG39	Counterfeit Note List Note Number Set Error When Receive BC SERIAL NO Command (Use '*' When Search Note Number Part) during Log Read	1. Check the forged notes list's note numbers.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5L8HG3A	BC MODE SET Bill Management Level Set Error (Over 1~5) during Log Read	1. Check check management mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5L8HG3B	Over The Number of BC MODE SET Back Codes (Over 15) during Log Read	1. Check the number of check issued by our bank code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5L8HG40	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use End Number at First When Search Note Number Part) during Log Read	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5L8HG41	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use Start Number at Last When Search Note Number Part) during Log Read	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5L8HG42	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Wrong Start/End Number Order When Search Note Number Part) during Log Read	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5L8HG43	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Use Wrong Length Value When Search Note Number Part) during Log Read	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5L8HG44	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Use Wrong Nation Code When Search Note Number Part) during Log Read	1. Check the forged notes list's country-code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5L8HG45	Not Receive The Number of Bill Number Tables and CRC When Receive Check No Write Command during Log Read	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5L8HG46	Bill Number Error When Receive Check No Write Command during Log Read	1. Check the check number when registering check number.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5L8HG47	Bill Number Table Length Set Error When Receive Check No Write Command (Length Over 0~50) during Log Read	1. Check check number table's length.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5L8HG48	Bill Number Table CRC Error When Receive Check No Write Command during Log Read	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5L8HG49	Over The Number of Bill Number Tables When Receive Check No Write Command (Over 5) during Log Read	1. Check check total number of tables.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5L8HH01	Fail to Delete NAND FLASH during Log Read	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5L8HH02	NAND FLASH Delete BLOCK Set Error When Download Detection DB during Log Read	1. Download DB again after checking recognition DB's delete index.2. Operate to initialize BRM(Recovery)
5L8HH03	Fail to Download Detection DB during Log Read	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5L8HH04	NAND FLASH Download BLOCK Set Error When Download Detection DB during Log Read	1. Download DB again after checking recognition DB's index.2. Operate to initialize BRM(Recovery)
5L8HH05	Detection DB Download File Check Error during Log Read	1. Download DB again after checking recognition DB file.2. Operate to initialize BRM(Recovery)
5L8HH06	Detection DB Download File Size Error during Log Read	1. Download DB again after checking recognition DB download file.2. Operate to initialize BRM(Recovery)
5L8HH07	DB Table Save Error After Download Detection DB during Log Read	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5L8HH08	Over Detection DB Download (Over 10) during Log Read	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5L8HH09	Detection DB Header Information Error during Log Read	1. Download DB again after deleting recognition DB.2. Operate to initialize BRM(Recovery)
5L8HH10	EP Download Fail during Log Read	1. Re-download BC EP.2. Change the BC B/D if continuous error.
5L8HH11	EP Download Check Error during Log Read	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5L8HH12	EP Download File Size Error during Log Read	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5L8HH13	EP Download File ID Error (Not EPAP/EPBT/EPFP) during Log Read	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5L8HH14	BC FPGA Download Fail during Log Read	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
5L8HH15	Header Information Save Error After BC FPGA Download during Log Read	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
5L8HH16	Not Provide BC FPGA Download during Log Read	1. Check BC FPGA VERSION.2. Change the BC B/D if continuous error.
5L8HH17	EEPROM READ/WRITE Error during Log Read	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
5L8HH18	Receive Unit Serial Number Undefined Option during Log Read	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
5L8HH19	Receive USB Undefined Command during Log Read	1. Check USB Command from BC and retry the operation.2. Check BC version and Update EP3. Change the BC B/D if continuous error.
5L8HH20	No BC Process Note When Receive Image Upload Command during Log Read	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.

Problem Code	Problem Description	Troubleshooting
5L8HH21	FC1 Set Error When Receive Image Upload Command during Log Read	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5L8HH22	BC is Processing Note When Receive Image Upload Command during Log Read	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5L8HH23	FC2 Set Error When Receive Image Upload Command during Log Read	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5L8HH24	Not Provide Total Image Upload Function during Log Read	1. Check if SP or TM is out of date.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5L8HH25	Not Provide Note Number Detection Image Upload Function during Log Read	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5L8HH26	FC2 Set Error When Receive Image Information Upload Command during Log Read	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5L8HH27	BRM Transaction Mode is Not Same with Image Upload Command Mode during Log Read	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5L8HH28	BRM Transaction Mode is Not Same with Replenishment/Collect Cash Image Upload Command Mode during Log Read	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5L8HH29	No BC Process Note When Receive Replenishment/Collect Cash Image Upload Command during Log Read	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5L8HH2A	FC1 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Log Read	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5L8HH2B	BC is Processing Note When Receive Replenishment/Collect Cash Image Upload Command during Log Read	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5L8HH2C	FC2 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Log Read	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5L8HH2D	Not Provide Replenishment/Collect Cash Image Upload Function during Log Read	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5L8HH2E	Note Image Upload Index is Not Same When Receive Replenishment/Collect Cash Image Upload Command during Log Read	1. Get BC log and image.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5L8HI01	RecogTask Messeage Timeout Error during Log Read	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5L8HI02	ScanTask Messeage Timeout Error during Log Read	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5L8HI03	UartTask Messeage Timeout Error during Log Read	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5L8HI04	BcUsbTask Messeage Timeout Error during Log Read	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5L8HJ01	Algorithm Initialize Fail during Log Read	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5L8HJ02	Algorithm Ready Fail during Log Read	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5L8HJ03	Algorithm Information Set Error during Log Read	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5L8HK01	Table CRC Error When Set Poly-Note Withdrawal Information during Log Read	1. Retry the operation
5L8HK02	CST Note Information Set Number Error When Set Poly-Note Withdrawal Information (n is 0 or over 256) during Log Read	1. Check the number of CST Setting notes info
5L8HK03	Withdrawal Note Number Set Error When Set Poly-Note Withdrawal Information ( n is 0 or over 3000) during Log Read	1. Check Withdrawal notes setting
5L8HK04	Note Information (Not CST Set Note) is Set in Withdrawal Note Information When Set Poly-Note Withdrawal Information during Log Read	1. Check Withdrawal notes info
5L8HS01	FPGA Write Data Error When Initialize Scan Driver during Log Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5L8HS02	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver during Log Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5L8HS03	Fail to Set CIS Led On Value When Initialize Scan Driver during Log Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5L8HS04	Fail to Set Source of Scan Light When Initialize Scan Driver during Log Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5L8HS05	Not Process Shading When Initialize Scan Driver during Log Read	1. Perform CiS Shading.2. Operate to initialize BRM(Recovery)
5L8HS08	Fail to Set DAC When Initialize Scan Driver during Log Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5L8HS11	FPGA Write Data Error When BC Ready during Log Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5L8HS12	Fail to Power On When BC Ready Sensor(MR/UV/DD/Encoder/Entry Sensor) during Log Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5L8HS13	Fail to Set CIS Led On Value When BC Ready during Log Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5L8HS14	Fail to Set Source of Scan Ligh When BC Ready during Log Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5L8HS15	Not Process Shading When BC Ready during Log Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5L8HS17	Fail to Set AFE Chip When BC Ready during Log Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5L8HS18	Fail to Set DAC When BC Ready during Log Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5L8HS19	MR/UV/DD Sampling Start Error When BC Ready during Log Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5L8HS1A	Fail to Set 2-Notes DAC When BC Ready during Log Read	1. Check whether double notes sensor is contaminate or not.2. Check whether double notes sensor is connected.3. Retry the operation.4. Change the BC if continuous error.
5L8HS1B	2-Notes to 1-Note Adjust Information Error When BC Ready during Log Read	1. Perform calibration info about double notes or one note.2. Operate to initialize BRM(Recovery)
5L8HS22	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver When Stop BC during Log Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5L8HS28	Fail to Set DAC When Stop BC during Log Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5L8HS29	MR/UV/DD Sampling Stop Error When Stop BC during Log Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5L8HS31	BC Ready Fail When Process CIS Shading – Use in Plant during Log Read	1. Perform calibration info about double notes or one note and double notes DAC2. Retry the operation
5L8HS32	Dark Adjust Fail When Process CIS Shading – Use in Plant during Log Read	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Change CIS and Cable5. Change BC
5L8HS33	Over Target Gap When Process CIS Shading Shading – Use in Plant during Log Read	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
5L8HS34	Fail to Write Result Value Flash When Process CIS Shading – Use in Plant during Log Read	1. Retry the operation2. Change BC
5L8HS35	BC Stop Fail When Process CIS Shading – Use in Plant during Log Read	1. Retry the operation2. Change BC
5L8HS36	Over 10Pixel-Excess-Image When Process CIS Shading during Log Read	1. Retry the operation2. Check CIS note quility and setting status3. Check CIS Connection Status4. Change BC
5L8HS37	Dark Shading Result Value is Standard Over When Process CIS Shading during Log Read	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Retry the operation5. Change BC
5L8HS38	Max Ontime Ove When Process CIS Shadngr – Use in Plant during Log Read	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC

Problem Code	Problem Description	Troubleshooting
5L8HS39	Fail to Set Source of Shading Light When Process CIS Shading – Use in Plant during Log Read	1. Retry the operation2. Change BC
5L8HS41	Fail to Adjust 2-Notes DAC (Less Than MIN) – Use in Plant during Log Read	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the operation4. Change BC
5L8HS42	Fail to Adjust 2-Notes DAC (Over MAX) – Use in Plant during Log Read	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the operation4. Change BC
5L8HS43	2-Notes Adjust Flash Write Fail – Use in Plant during Log Read	1. Retry the operation2. Change BC
5L8R100	BC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5L8R200	BC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5L8R300	BC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5L8R600	BC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5LAA100	UTC open Error before operation Log Read	1. Open the upper unit. 2. Check the UTC removal and reinstallation
5LAA200	TSK open Error before operation Log Read	1. Open the upper unit. 2. Check the TSK open and close
5LAA300	BMU Inter Lock Error before operation Log Read	1. Check BMU open and close
5LAA400	BMU open Error before operation Log Read	1. Check BMU open and close
5LAA500	Replenishment CST open Error before operation Log Read	1. Check the Transit CST installation
5LAA600	CSM open Error before operation Log Read	1. Open the upper unit. 2. Check CSM Open/Close
5LAA800	BMD Inter Lock Error before operation Log Read	1. Open the lower unit. 2. Check the BMD open and close
5LAA900	BMD open Error before operation Log Read	1. Open the lower unit. 2. Check the BMD open and close
5LAAA00	BC Open Error before operation Log Read	1. Open the upper unit. 2. Check BC Open/Close
5LAAB00	RC Full Error before operation Log Read	1. Open the lower unit. 2. Check RC Full and remove notes
5LAAC00	RJC Full Error before operation Log Read	1. Open the upper unit. 2. Check RJC Full and remove notes
5LAAD00	UTC Full Error before operation Log Read	1. Open the upper unit. 2. Remove UTC and open the UTC Door3. Remove notes and reinstallation UTC
5LAAE00	RTC Full Error before operation Log Read	1. Open the lower unit. 2. Remove RT/RJC and open the Door3. Remove notes and reinstall RT/RJC

Problem Code	Problem Description	Troubleshooting
5LAAF00	RC Empty Error before operation Log Read	1. Open the lower unit. 2. Remove RC and open the RC Door, Check the Empty Status3. Reinstall the RC
5LAAG00	Suspected note RC open Error before operation Log Read	1. Open the lower unit. 2. Check the RC removal and reinstall
5LAE100	Received operation command without Initial Info Set during Log Read	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5LAE200	Status on not operation reception command during Log Read	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5LAE300	Received operation command without System Info Read during Log Read	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5LAE400	Transaction was executed without Initializing after power on during Log Read	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5LAEE00	RBU RS485 communication sequence disorder during Log Read	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5LAEF00	RBU RS485 connection line disorder during Log Read	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5LAEL00	RBU communication was not ready after power on during Log Read	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5LBR000	RBU Response Timeout during Log Read	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5LBR700	RBU Response Message Timeout during Log Read	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5LBS100	RBU RS-232 Seq Num Echo Error during Log Read	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5LBS200	RBU RS-232 MI Echo Error during Log Read	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5LCR100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5LCR200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5LCR300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5LCR600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5LEH800	CST EEPROM Write Error during Log Read	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5LEH900	CST EEPROM Read Error during Log Read	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5LER100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5LER200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5LER300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5LER600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5LUS100	USB Bulk Sequence Error during Log Read.	1. Restart over AP-SP
5LUS300	USB Bulk Received Length Error during Log Read.	1. Reboot the system
5LUS400	Message transmission Error from USB to Main Task during Log Read.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
5LUS500	Message reception Error from MainTask to USB during Log Read.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
5LUSCMD	Bulk command data check error during Log Read. (USB communication failure)	1. Restart over AP-SP
5LUSCRC	CRC data check error during Log Read. (USB communication failure)	1. Restart over AP-SP
5LUSLEN	Bulk length error during Log Read. (USB communication failure)	1. Restart over AP-SP
5M1R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5M1R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5M1R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5M1R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5M2R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5M2R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5M2R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5M2R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5M30100	RC3 GS301 Light Jam during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M30200	RC3 GS302 Light Jam during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M30500	RC3 GS305 Light Jam during Log Read/Clear	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(C)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5M31100	RC3 GS301 Dark Jam during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M31200	RC3 GS302 Dark Jam during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M31500	RC3 GS305 Dark Jam during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M32100	Error occurred by notes remained in RC3 GS301 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M32200	Error occurred by notes remained in RC3 GS302 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M32500	Error occurred by notes remained in RC3 GS305 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5M33100	Sensor auto calibration error in RC3 GS301 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M33200	Sensor auto calibration error in RC3 GS302 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M33500	Sensor auto calibration error in RC3 GS305 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M34100	Extern lights check error in RC3 GS301 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M34200	Extern lights check error in RC3 GS302 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M34500	Extern lights check error in RC3 GS305 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M35100	Path error on transport path in RC3 GS301 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M35200	Path error on transport path in RC3 GS302 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M35500	Path error on transport path in RC3 GS305 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M36100	Path error on sensor except for transport path in RC3 GS301 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5M36200	Path error on sensor except for transport path in RC3 GS302 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M36500	Path error on sensor except for transport path in RC3 GS305 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M37100	Error occurred by the notes disorder in RC3 GS301 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M37200	Error occurred by the notes disorder in RC3 GS302 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M37500	Error occurred by the notes disorder in RC3 GS305 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M3L100	Remaining notes stack process error in RC3 GS301 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M3L200	Remaining notes stack process error in RC3 GS302 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M3L500	Remaining notes stack process error in RC3 GS305 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M3R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5M3R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5M3R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5M3R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5M40100	RC4 GS401 Light Jam during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M40200	RC4 GS402 Light Jam during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M40500	RC4 GS405 Light Jam during Log Read/Clear	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(D)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5M41100	RC4 GS401 Dark Jam during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M41200	RC4 GS402 Dark Jam during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M41500	RC4 GS405 Dark Jam during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M42100	Error occurred by notes remained in RC4 GS401 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M42200	Error occurred by notes remained in RC4 GS402 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M42500	Error occurred by notes remained in RC4 GS405 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M43100	Sensor auto calibration error in RC4 GS401 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M43200	Sensor auto calibration error in RC4 GS402 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5M43500	Sensor auto calibration error in RC4 GS405 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M44100	Extern lights check error in RC4 GS401 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M44200	Extern lights check error in RC4 GS402 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M44500	Extern lights check error in RC4 GS405 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M45100	Path error on transport path in RC4 GS401 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M45200	Path error on transport path in RC4 GS402 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M45500	Path error on transport path in RC4 GS405 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M46100	Path error on sensor except for transport path in RC4 GS401 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M46200	Path error on sensor except for transport path in RC4 GS402 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M46500	Path error on sensor except for transport path in RC4 GS405 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5M47100	Error occurred by the notes disorder in RC4 GS401 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M47200	Error occurred by the notes disorder in RC4 GS402 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M47500	Error occurred by the notes disorder in RC4 GS405 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M4L100	Remaining notes stack process error in RC4 GS401 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M4L200	Remaining notes stack process error in RC4 GS402 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M4L500	Remaining notes stack process error in RC4 GS405 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M4R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5M4R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5M4R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5M4R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5M50100	RC5 GS501 Light Jam during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M50200	RC5 GS502 Light Jam during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5M50500	RC5 GS505 Light Jam during Log Read/Clear	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(E)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5M51100	RC5 GS501 Dark Jam during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M51200	RC5 GS502 Dark Jam during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M51500	RC5 GS505 Dark Jam during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M52100	Error occurred by notes remained in RC5 GS501 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M52200	Error occurred by notes remained in RC5 GS502 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M52500	Error occurred by notes remained in RC5 GS505 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M53100	Sensor auto calibration error in RC5 GS501 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M53200	Sensor auto calibration error in RC5 GS502 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M53500	Sensor auto calibration error in RC5 GS505 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M54100	Extern lights check error in RC5 GS501 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5M54200	Extern lights check error in RC5 GS502 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M54500	Extern lights check error in RC5 GS505 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M55100	Path error on transport path in RC5 GS501 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M55200	Path error on transport path in RC5 GS502 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M55500	Path error on transport path in RC5 GS505 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M56100	Path error on sensor except for transport path in RC5 GS501 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M56200	Path error on sensor except for transport path in RC5 GS502 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M56500	Path error on sensor except for transport path in RC5 GS505 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M57100	Error occurred by the notes disorder in RC5 GS501 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M57200	Error occurred by the notes disorder in RC5 GS502 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5M57500	Error occurred by the notes disorder in RC5 GS505 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M5L100	Remaining notes stack process error in RC5 GS501 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M5L200	Remaining notes stack process error in RC5 GS502 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M5L500	Remaining notes stack process error in RC5 GS505 during Log Read/Clear	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5M5R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5M5R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5M5R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5M5R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5M6H100	CSM EEPROM Write Error (System info inquiry/EEPROM Write) during Log Read/Clear	1. Check CSM EEPROM2. Cehck CSM EEPROM connection3. Replace CSM B/D if same error occurs during EEPROM R/W
5M6H200	CSM EEPROM Read Error (System info inquiry/EEPROM Read/Wrtie) during Log Read/Clear	1. Check CSM EEPROM2. Cehck CSM EEPROM connection3. Replace CSM B/D if same error occurs during EEPROM R/W
5M6R100	CSM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5M6R200	CSM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5M6R300	CSM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5M6R600	CSM response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5M7R100	TSK response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5M7R200	TSK response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5M7R300	TSK response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5M7R600	TSK response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5M8HA01	GS801A Sensor Error during Log Read/Clear	1. Check GS801A2. Operate to initialize BRM(Recovery)
5M8HA02	GS801B Sensor Error during Log Read/Clear	1. Check GS801B2. Operate to initialize BRM(Recovery)
5M8HA03	GS801A, GS801B Sensor Error during Log Read/Clear	1. Check GS801A, GS801B2. Operate to initialize BRM(Recovery)
5M8HA04	GS802A Sensor Error during Log Read/Clear	1. Check GS802A2. Operate to initialize BRM(Recovery)
5M8HA05	GS801A, GS802A Sensor Error during Log Read/Clear	1. Check GS801A, GS802A2. Operate to initialize BRM(Recovery)
5M8HA06	GS801B, GS802A Sensor Error during Log Read/Clear	1. Check GS801B, GS802A2. Operate to initialize BRM(Recovery)
5M8HA07	GS801A, GS801B, GS802A Sensor Error during Log Read/Clear	1. Check GS801A, GS801B, GS802A2. Operate to initialize BRM(Recovery)
5M8HA08	GS802B Sensor Error during Log Read/Clear	1. Check GS802B2. Operate to initialize BRM(Recovery)
5M8HA09	GS801A, GS802B Sensor Error during Log Read/Clear	1. Check GS801A, GS802B2. Operate to initialize BRM(Recovery)
5M8HA10	GS801B, GS802B Sensor Error during Log Read/Clear	1. Check GS801B, GS802B2. Operate to initialize BRM(Recovery)
5M8HA11	GS801A, GS801B, GS802B Sensor Error during Log Read/Clear	1. Check GS801A, GS801B, GS802B2. Operate to initialize BRM(Recovery)
5M8HA12	GS802A, GS802B Sensor Error during Log Read/Clear	1. Check GS802A, GS802B2. Operate to initialize BRM(Recovery)
5M8HA13	GS801A, GS802A, GS802B Sensor Error during Log Read/Clear	1. Check GS801A, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5M8HA14	GS801B, GS802A, GS802B Sensor Error during Log Read/Clear	1. Check GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5M8HA15	GS801A, GS801B, GS802A, GS802B Sensor Error during Log Read/Clear	1. Check GS801A, GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5M8HB01	MR Sensor Level Error during Log Read/Clear	1. Check MR Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5M8HC02	UV_01 Sensor Level Error during Log Read/Clear	1. Check UV Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.

Problem Code	Problem Description	Troubleshooting
5M8HF03	CIS Shading data loading Fail during Log Read/Clear	1. Operate shading in the BC CIS2. Operate to initialize BRM(Recovery)
5M8HF04	Detection DB Table loading Fail during Log Read/Clear	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5M8HF05	BC FPGA Data checksum Fail during Log Read/Clear	1. Check to BC FPGA File2. Operate to initialize BRM(Recovery)
5M8HF06	BC FPGA Configuration Fail during Log Read/Clear	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5M8HF07	BC FPGA Header Information Loading Fail during Log Read/Clear	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5M8HF08	BC FPGA Initialize Fail during Log Read/Clear	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5M8HF09	BC FPGA VERSION Fail during Log Read/Clear	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5M8HF11	Detection DB #01 loading Fail during Log Read/Clear	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5M8HF12	Detection DB #02 loading Fail during Log Read/Clear	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5M8HF13	Detection DB #03 loading Fail during Log Read/Clear	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5M8HF14	Detection DB #04 loading Fail during Log Read/Clear	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5M8HF15	Detection DB #05 loading Fail during Log Read/Clear	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5M8HF16	Detection DB #06 loading Fail during Log Read/Clear	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5M8HF17	Detection DB #07 loading Fail during Log Read/Clear	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5M8HF18	Detection DB #08 loading Fail during Log Read/Clear	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5M8HF19	Detection DB #09 loading Fail during Log Read/Clear	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5M8HF20	Detection DB #10 loading Fail during Log Read/Clear	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5M8HG01	Mode Set Error When Receive BC MODE Command (Mode Value is not 1 or 2 ) during Log Read/Clear	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5M8HG02	Detection Level Set Error When Receive BC MODE Command (Detection Level Value is 0 ) during Log Read/Clear	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5M8HG03	BC Transaction Ready Fail When Receive BC READY Command during Log Read/Clear	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5M8HG04	Mode Set Error When Receive BC READY Command (Mode Value is not 1 or 2 ) during Log Read/Clear	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5M8HG05	Detection Level Set Error When Receive BC READY Command (Detection Level Value is 0 ) during Log Read/Clear	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5M8HG06	BC Entry Direction Set Error When Receive BC READY Command (Not Deposit-Withdrawal/Stack Direction ) during Log Read/Clear	1. Check BC putting direction.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5M8HG07	Receive BC Unknown Command during Log Read/Clear	1. Check BC reception full command.1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization.
5M8HG08	The Number of Nations Set Error When Receive BC DATA WRITE Command (Over 0, 10) during Log Read/Clear	1. Check the number of supported country.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5M8HG09	Nation Code Set Error When Receive BC DATA WRITE Command during Log Read/Clear	1. Check the supported country code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5M8HG10	Detection DB of the Nation is not exist When Receive BC DATA WRITE Command during Log Read/Clear	1. Check the BC recognition DB of country.2. Download DB again after deleting all recognition DB3. Operate to initialize BRM(Recovery)4. Reboot the system when same error occurred after initialization.
5M8HG11	No Nation Code When Receive BC READY Command during Log Read/Clear	1. Check the country setting value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5M8HG12	BC Version Value Set Error When Receive BC DATA WRITE Command (Not BC FPGA) during Log Read/Clear	1. Check the BC specifications devision and BC FPGA specifications.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization
5M8HG20	Fail to Initialize CIS When Receive BC READY Command during Log Read/Clear	1. Operate to initialize BRM(Recovery)2. Check CIS part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5M8HG21	Fail to ENCODER POWER ON When Receive BC READY Command during Log Read/Clear	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5M8HG22	Fail to adjust DD Sensor DAC When Receive BC READY Command during Log Read/Clear	1. Operate to initialize BRM(Recovery)2. Check whether the sensor is contaminated or not if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5M8HG23	DD Sensor DAC Set Error When Receive BC READY Command during Log Read/Clear	1. Operate to initialize BRM(Recovery)2. Check DD sensor part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5M8HG24	ENCODER Mode Set Error When Receive BC READY Command during Log Read/Clear	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance

Problem Code	Problem Description	Troubleshooting
5M8HG30	Counterfeit Note List CRC Error When Receive BC SERIAL NO Command during Log Read/Clear	1. Check the forged notes list CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5M8HG31	Not Receive The Number of Counterfeit Note Lists and CRC When Receive BC SERIAL NO Command during Log Read/Clear	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5M8HG32	Over The Number of Counterfeit Note Lists When Receive BC SERIAL NO Command (Over 200) during Log Read/Clear	1. Check the whole number of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5M8HG33	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Nation Code 0) during Log Read/Clear	1. Check the country code of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5M8HG34	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Length Over 2~29) during Log Read/Clear	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5M8HG36	Note Number Detection Mode Set Error When Receive BC MODE Command (Mode Value is Not 0, 1, 2) during Log Read/Clear	1. Check to the recognized mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5M8HG37	Transaction Classification Set Error When Receive BC MODE Command (Classification Value is Not 0, 1, 2) during Log Read/Clear	1. Check to the transaction setting.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5M8HG38	Counterfeit Note List Search Classification Set Error When Receive BC SERIAL NO Command 위조지폐 목록 검색 구분 설정 오류 (Classification Value is Not 1, 2, 3 ) during Log Read/Clear	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5M8HG39	Counterfeit Note List Note Number Set Error When Receive BC SERIAL NO Command (Use '*' When Search Note Number Part) during Log Read/Clear	1. Check the forged notes list's note numbers.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5M8HG3A	BC MODE SET Bill Management Level Set Error (Over 1~5) during Log Read/Clear	1. Check check management mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5M8HG3B	Over The Number of BC MODE SET Back Codes (Over 15) during Log Read/Clear	1. Check the number of check issued by our bank code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5M8HG40	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use End Number at First When Search Note Number Part) during Log Read/Clear	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5M8HG41	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use Start Number at Last When Search Note Number Part) during Log Read/Clear	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5M8HG42	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Wrong Start/End Number Order When Search Note Number Part) during Log Read/Clear	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5M8HG43	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Use Wrong Length Value When Search Note Number Part) during Log Read/Clear	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5M8HG44	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Use Wrong Nation Code When Search Note Number Part) during Log Read/Clear	1. Check the forged notes list's country-code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5M8HG45	Not Receive The Number of Bill Number Tables and CRC When Receive Check No Write Command during Log Read/Clear	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5M8HG46	Bill Number Error When Receive Check No Write Command during Log Read/Clear	1. Check the check number when registering check number.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5M8HG47	Bill Number Table Length Set Error When Receive Check No Write Command (Length Over 0~50) during Log Read/Clear	1. Check check number table's length.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5M8HG48	Bill Number Table CRC Error When Receive Check No Write Command during Log Read/Clear	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5M8HG49	Over The Number of Bill Number Tables When Receive Check No Write Command (Over 5) during Log Read/Clear	1. Check check total number of tables.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5M8HH01	Fail to Delete NAND FLASH during Log Read/Clear	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5M8HH02	NAND FLASH Delete BLOCK Set Error When Download Detection DB during Log Read/Clear	1. Download DB again after checking recognition DB's delete index.2. Operate to initialize BRM(Recovery)
5M8HH03	Fail to Download Detection DB during Log Read/Clear	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5M8HH04	NAND FLASH Download BLOCK Set Error When Download Detection DB during Log Read/Clear	1. Download DB again after checking recognition DB's index.2. Operate to initialize BRM(Recovery)
5M8HH05	Detection DB Download File Check Error during Log Read/Clear	1. Download DB again after checking recognition DB file.2. Operate to initialize BRM(Recovery)
5M8HH06	Detection DB Download File Size Error during Log Read/Clear	1. Download DB again after checking recognition DB download file.2. Operate to initialize BRM(Recovery)
5M8HH07	DB Table Save Error After Download Detection DB during Log Read/Clear	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5M8HH08	Over Detection DB Download (Over 10) during Log Read/Clear	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5M8HH09	Detection DB Header Information Error during Log Read/Clear	1. Download DB again after deleting recognition DB.2. Operate to initialize BRM(Recovery)
5M8HH10	EP Download Fail during Log Read/Clear	1. Re-download BC EP.2. Change the BC B/D if continuous error.
5M8HH11	EP Download Check Error during Log Read/Clear	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5M8HH12	EP Download File Size Error during Log Read/Clear	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5M8HH13	EP Download File ID Error (Not EPAP/EPBT/EPFP) during Log Read/Clear	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5M8HH14	BC FPGA Download Fail during Log Read/Clear	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
5M8HH15	Header Information Save Error After BC FPGA Download during Log Read/Clear	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
5M8HH16	Not Provide BC FPGA Download during Log Read/Clear	1. Check BC FPGA VERSION.2. Change the BC B/D if continuous error.
5M8HH17	EEPROM READ/WRITE Error during Log Read/Clear	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
5M8HH18	Receive Unit Serial Number Undefined Option during Log Read/Clear	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
5M8HH19	Receive USB Undefined Command during Log Read/Clear	1. Check USB Command from BC and retry the operation.2. Check BC version and Update EP3. Change the BC B/D if continuous error.
5M8HH20	No BC Process Note When Receive Image Upload Command during Log Read/Clear	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5M8HH21	FC1 Set Error When Receive Image Upload Command during Log Read/Clear	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5M8HH22	BC is Processing Note When Receive Image Upload Command during Log Read/Clear	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5M8HH23	FC2 Set Error When Receive Image Upload Command during Log Read/Clear	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5M8HH24	Not Provide Total Image Upload Function during Log Read/Clear	1. Check if SP or TM is out of date.2. Initialize the BRM. If initialization does not fix the problem, contact the technician.
5M8HH25	Not Provide Note Number Detection Image Upload Function during Log Read/Clear	1. Check BC image save mode.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5M8HH26	FC2 Set Error When Receive Image Information Upload Command during Log Read/Clear	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5M8HH27	BRM Transaction Mode is Not Same with Image Upload Command Mode during Log Read/Clear	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5M8HH28	BRM Transaction Mode is Not Same with Replenishment/Collect Cash Image Upload Command Mode during Log Read/Clear	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.

Problem Code	Problem Description	Troubleshooting
5M8HH29	No BC Process Note When Receive Replenishment/Collect Cash Image Upload Command during Log Read/Clear	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5M8HH2A	FC1 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Log Read/Clear	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5M8HH2B	BC is Processing Note When Receive Replenishment/Collect Cash Image Upload Command during Log Read/Clear	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5M8HH2C	FC2 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Log Read/Clear	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5M8HH2D	Not Provide Replenishment/Collect Cash Image Upload Function during Log Read/Clear	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5M8HH2E	Note Image Upload Index is Not Same When Receive Replenishment/Collect Cash Image Upload Command during Log Read/Clear	1. Get BC log and image.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5M8HI01	RecogTask Messeage Timeout Error during Log Read/Clear	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5M8HI02	ScanTask Messeage Timeout Error during Log Read/Clear	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5M8HI03	UartTask Messeage Timeout Error during Log Read/Clear	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5M8HI04	BcUsbTask Messeage Timeout Error during Log Read/Clear	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5M8HJ01	Algorithm Initialize Fail during Log Read/Clear	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5M8HJ02	Algorithm Ready Fail during Log Read/Clear	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5M8HJ03	Algorithm Information Set Error during Log Read/Clear	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5M8HK01	Table CRC Error When Set Poly-Note Withdrawal Information during Log Read/Clear	1. Retry the operation
5M8HK02	CST Note Information Set Number Error When Set Poly-Note Withdrawal Information (n is 0 or over 256) during Log Read/Clear	1. Check the number of CST Setting notes info
5M8HK03	Withdrawal Note Number Set Error When Set Poly-Note Withdrawal Information ( n is 0 or over 3000) during Log Read/Clear	1. Check Withdrawal notes setting

Problem Code	Problem Description	Troubleshooting
5M8HK04	Note Information (Not CST Set Note) is Set in Withdrawal Note Information When Set Poly-Note Withdrawal Information during Log Read/Clear	1. Check Withdrawal notes info
5M8HS01	FPGA Write Data Error When Initialize Scan Driver during Log Read/Clear	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5M8HS02	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver during Log Read/Clear	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5M8HS03	Fail to Set CIS Led On Value When Initialize Scan Driver during Log Read/Clear	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5M8HS04	Fail to Set Source of Scan Light When Initialize Scan Driver during Log Read/Clear	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5M8HS05	Not Process Shading When Initialize Scan Driver during Log Read/Clear	1. Perform CiS Shading.2. Operate to initialize BRM(Recovery)
5M8HS08	Fail to Set DAC When Initialize Scan Driver during Log Read/Clear	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5M8HS11	FPGA Write Data Error When BC Ready during Log Read/Clear	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5M8HS12	Fail to Power On When BC Ready Sensor(MR/UV/DD/Encoder/Entry Sensor) during Log Read/Clear	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5M8HS13	Fail to Set CIS Led On Value When BC Ready during Log Read/Clear	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5M8HS14	Fail to Set Source of Scan Ligh When BC Ready during Log Read/Clear	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5M8HS15	Not Process Shading When BC Ready during Log Read/Clear	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5M8HS17	Fail to Set AFE Chip When BC Ready during Log Read/Clear	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5M8HS18	Fail to Set DAC When BC Ready during Log Read/Clear	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5M8HS19	MR/UV/DD Sampling Start Error When BC Ready during Log Read/Clear	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5M8HS1A	Fail to Set 2-Notes DAC When BC Ready during Log Read/Clear	1. Check whether double notes sensor is contaminate or not.2. Check whether double notes sensor is connected.3. Retry the operation.4. Change the BC if continuous error.
5M8HS1B	2-Notes to 1-Note Adjust Information Error When BC Ready during Log Read/Clear	1. Perform calibration info about double notes or one note.2. Operate to initialize BRM(Recovery)
5M8HS22	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver When Stop BC during Log Read/Clear	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5M8HS28	Fail to Set DAC When Stop BC during Log Read/Clear	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5M8HS29	MR/UV/DD Sampling Stop Error When Stop BC during Log Read/Clear	1. Retry the operation.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5M8HS31	BC Ready Fail When Process CIS Shading – Use in Plant during Log Read/Clear	1. Perform calibration info about double notes or one note and double notes DAC2. Retry the operation
5M8HS32	Dark Adjust Fail When Process CIS Shading – Use in Plant during Log Read/Clear	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Change CIS and Cable5. Change BC
5M8HS33	Over Target Gap When Process CIS Shading Shading – Use in Plant during Log Read/Clear	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
5M8HS34	Fail to Write Result Value Flash When Process CIS Shading – Use in Plant during Log Read/Clear	1. Retry the operation2. Change BC
5M8HS35	BC Stop Fail When Process CIS Shading – Use in Plant during Log Read/Clear	1. Retry the operation2. Change BC
5M8HS36	Over 10Pixel-Excess-Image When Process CIS Shading during Log Read/Clear	1. Retry the operation2. Check CIS note quility and setting status3. Check CIS Connection Status4. Change BC
5M8HS37	Dark Shading Result Value is Standard Over When Process CIS Shading during Log Read/Clear	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Retry the operation5. Change BC
5M8HS38	Max Ontime Ove When Process CIS Shadingr – Use in Plant during Log Read/Clear	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
5M8HS39	Fail to Set Source of Shading Light When Process CIS Shading – Use in Plant during Log Read/Clear	1. Retry the operation2. Change BC
5M8HS41	Fail to Adjust 2-Notes DAC (Less Than MIN) – Use in Plant during Log Read/Clear	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the opeartion4. Change BC
5M8HS42	Fail to Adjust 2-Notes DAC (Over MAX) – Use in Plant during Log Read/Clear	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the opeartion4. Change BC
5M8HS43	2-Notes Adjust Flash Write Fail – Use in Plant during Log Read/Clear	1. Retry the operation2. Change BC
5M8R100	BC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5M8R200	BC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5M8R300	BC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5M8R600	BC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5MAA100	UTC open Error before operation Log Read/Clear	1. Open the upper unit. 2. Check the UTC removal and reinstallation
5MAA200	TSK open Error before operation Log Read/Clear	1. Open the upper unit. 2. Check the TSK open and close
5MAA300	BMU Inter Lock Error before operation Log Read/Clear	1. Check BMU open and close

Problem Code	Problem Description	Troubleshooting
5MAA400	BMU open Error before operation Log Read/Clear	1. Check BMU open and close
5MAA500	Replenishment CST open Error before operation Log Read/Clear	1. Check the Transit CST installation
5MAA600	CSM open Error before operation Log Read/Clear	1. Open the upper unit. 2. Check CSM Open/Close
5MAA800	BMD Inter Lock Error before operation Log Read/Clear	1. Open the lower unit. 2. Check the BMD open and close
5MAA900	BMD open Error before operation Log Read/Clear	1. Open the lower unit. 2. Check the BMD open and close
5MAAA00	BC Open Error before operation Log Read/Clear	1. Open the upper unit. 2. Check BC Open/Close
5MAAB00	RC Full Error before operation Log Read/Clear	1. Open the lower unit. 2. Check RC Full and remove notes
5MAAC00	RJC Full Error before operation Log Read/Clear	1. Open the upper unit. 2. Check RJC Full and remove notes
5MAAD00	UTC Full Error before operation Log Read/Clear	1. Open the upper unit. 2. Remove UTC and open the UTC Door3. Remove notes and reinstallation UTC
5MAAE00	RTC Full Error before operation Log Read/Clear	1. Open the lower unit. 2. Remove RT/RJC and open the Door3. Remove notes and reinstall RT/RJC
5MAAF00	RC Empty Error before operation Log Read/Clear	1. Open the lower unit. 2. Remove RC and open the RC Door, Check the Empty Status3. Reinstall the RC
5MAAG00	Suspected note RC open Error before operation Log Read/Clear	1. Open the lower unit. 2. Check the RC removal and reinstall
5MAE100	Received operation command without Initial Info Set during Log Read/Clear	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5MAE200	Status on not operation reception command during Log Read/Clear	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5MAE300	Received operation command without System Info Read during Log Read/Clear	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5MAE400	Transaction was executed without Initializing after power on during Log Read/Clear	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5MAEE00	RBU RS485 communication sequence disorder during Log Read/Clear	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5MAEF00	RBU RS485 connection line disorder during Log Read/Clear	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5MAEL00	RBU communication was not ready after power on during Log Read/Clear	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5MAH600	Failure to check clearing NVRAM during Log Read/Clear	1. Operate to initialize BRM(Recovery)
5MBH100	RC1 EEPROM Read Error during Log Read/Clear	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization

Problem Code	Problem Description	Troubleshooting
5MBH200	RC2 EEPROM Read Error during Log Read/Clear	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5MBH300	RC3 EEPROM Read Error during Log Read/Clear	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5MBH400	RC4 EEPROM Read Error during Log Read/Clear	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5MBH500	RC5 EEPROM Read Error during Log Read/Clear	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5MBH600	RC6 EEPROM Read Error during Log Read/Clear	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5MBH700	RC1 EEPROM Write Error during Log Read/Clear	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5MBH800	RC2 EEPROM Write Error during Log Read/Clear	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5MBH900	RC3 EEPROM Write Error during Log Read/Clear	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5MBHA00	RC4 EEPROM Write Error during Log Read/Clear	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5MBHB00	RC5 EEPROM Write Error during Log Read/Clear	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5MBHC00	RC6 EEPROM Write Error during Log Read/Clear	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5MBHD00	RC1 EEPROM Verify Error during Log Read/Clear	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5MBHE00	RC2 EEPROM Verify Error during Log Read/Clear	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5MBHF00	RC3 EEPROM Verify Error during Log Read/Clear	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5MBHG00	RC4 EEPROM Verify Error during Log Read/Clear	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5MBHH00	RC5 EEPROM Verify Error during Log Read/Clear	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5MBHJ00	RC6 EEPROM Verify Error during Log Read/Clear	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5MBHK00	BMD Open Error During EEPROM Read/Write during Log Read/Clear	1. Check the lower Unit load/removal

Problem Code	Problem Description	Troubleshooting
5MBHU00	BMD EEPROM Read Error during Log Read/Clear	1. Replace RBU B/D
5MBHV00	BMD EEPROM Write Error during Log Read/Clear	1. Replace RBU B/D
5MBHW00	BMD EEPROM Verify Error during Log Read/Clear	1. Replace RBU B/D
5MBHX00	RC7 EEPROM Read Error during Log Read/Clear	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5MBHY00	RC7 EEPROM Write Error during Log Read/Clear	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5MBHZ00	RC7 EEPROM Verify Error during Log Read/Clear	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5MBR000	RBU Response Timeout during Log Read/Clear	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5MBR700	RBU Response Message Timeout during Log Read/Clear	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5MBS100	RBU RS-232 Seq Num Echo Error during Log Read/Clear	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5MBS200	RBU RS-232 MI Echo Error during Log Read/Clear	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5MCR100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5MCR200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5MCR300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5MCR600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5MEH800	CST EEPROM Write Error during Log Read/Clear	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5MEH900	CST EEPROM Read Error during Log Read/Clear	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5MER100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5MER200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5MER300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5MER600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5MUS100	USB Bulk Sequence Error during Log Read/Clear.	1. Restart over AP-SP
5MUS300	USB Bulk Received Length Error during Log Read/Clear.	1. Reboot the system
5MUS400	Message transmission Error from USB to Main Task during Log Read/Clear.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
5MUS500	Message reception Error from MainTask to USB during Log Read/Clear.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
5MUSCMD	Bulk command data check error during Operation Log Read/Clear. (USB communication failure)	1. Restart over AP-SP
5MUSCRC	CRC data check error during Operation Log Read/Clear. (USB communication failure)	1. Restart over AP-SP
5MUSLEN	Bulk length error during Operation Log Read/Clear. (USB communication failure)	1. Restart over AP-SP
5N1R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5N1R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5N1R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5N1R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5N2R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5N2R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5N2R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5N2R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5N30100	RC3 GS301 Light Jam during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N30200	RC3 GS302 Light Jam during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N30500	RC3 GS305 Light Jam during CST Notes Count Read	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(C)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5N31100	RC3 GS301 Dark Jam during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N31200	RC3 GS302 Dark Jam during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N31500	RC3 GS305 Dark Jam during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N32100	Error occurred by notes remained in RC3 GS301 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N32200	Error occurred by notes remained in RC3 GS302 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N32500	Error occurred by notes remained in RC3 GS305 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N33100	Sensor auto calibration error in RC3 GS301 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N33200	Sensor auto calibration error in RC3 GS302 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5N33500	Sensor auto calibration error in RC3 GS305 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N34100	Extern lights check error in RC3 GS301 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N34200	Extern lights check error in RC3 GS302 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N34500	Extern lights check error in RC3 GS305 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N35100	Path error on transport path in RC3 GS301 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N35200	Path error on transport path in RC3 GS302 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N35500	Path error on transport path in RC3 GS305 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N36100	Path error on sensor except for transport path in RC3 GS301 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N36200	Path error on sensor except for transport path in RC3 GS302 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N36500	Path error on sensor except for transport path in RC3 GS305 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5N37100	Error occurred by the notes disorder in RC3 GS301 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N37200	Error occurred by the notes disorder in RC3 GS302 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N37500	Error occurred by the notes disorder in RC3 GS305 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N3L100	Remaining notes stack process error in RC3 GS301 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N3L200	Remaining notes stack process error in RC3 GS302 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N3L500	Remaining notes stack process error in RC3 GS305 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N3R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5N3R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5N3R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5N3R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5N40100	RC4 GS401 Light Jam during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N40200	RC4 GS402 Light Jam during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5N40500	RC4 GS405 Light Jam during CST Notes Count Read	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(D)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5N41100	RC4 GS401 Dark Jam during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N41200	RC4 GS402 Dark Jam during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N41500	RC4 GS405 Dark Jam during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N42100	Error occurred by notes remained in RC4 GS401 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N42200	Error occurred by notes remained in RC4 GS402 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N42500	Error occurred by notes remained in RC4 GS405 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N43100	Sensor auto calibration error in RC4 GS401 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N43200	Sensor auto calibration error in RC4 GS402 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N43500	Sensor auto calibration error in RC4 GS405 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N44100	Extern lights check error in RC4 GS401 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5N44200	Extern lights check error in RC4 GS402 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N44500	Extern lights check error in RC4 GS405 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N45100	Path error on transport path in RC4 GS401 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N45200	Path error on transport path in RC4 GS402 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N45500	Path error on transport path in RC4 GS405 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N46100	Path error on sensor except for transport path in RC4 GS401 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N46200	Path error on sensor except for transport path in RC4 GS402 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N46500	Path error on sensor except for transport path in RC4 GS405 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N47100	Error occurred by the notes disorder in RC4 GS401 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N47200	Error occurred by the notes disorder in RC4 GS402 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5N47500	Error occurred by the notes disorder in RC4 GS405 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N4L100	Remaining notes stack process error in RC4 GS401 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N4L200	Remaining notes stack process error in RC4 GS402 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N4L500	Remaining notes stack process error in RC4 GS405 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N4R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5N4R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5N4R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5N4R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5N50100	RC5 GS501 Light Jam during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N50200	RC5 GS502 Light Jam during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N50500	RC5 GS505 Light Jam during CST Notes Count Read	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(E)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5N51100	RC5 GS501 Dark Jam during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5N51200	RC5 GS502 Dark Jam during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N51500	RC5 GS505 Dark Jam during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N52100	Error occurred by notes remained in RC5 GS501 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N52200	Error occurred by notes remained in RC5 GS502 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N52500	Error occurred by notes remained in RC5 GS505 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N53100	Sensor auto calibration error in RC5 GS501 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N53200	Sensor auto calibration error in RC5 GS502 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N53500	Sensor auto calibration error in RC5 GS505 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N54100	Extern lights check error in RC5 GS501 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N54200	Extern lights check error in RC5 GS502 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5N54500	Extern lights check error in RC5 GS505 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N55100	Path error on transport path in RC5 GS501 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N55200	Path error on transport path in RC5 GS502 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N55500	Path error on transport path in RC5 GS505 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N56100	Path error on sensor except for transport path in RC5 GS501 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N56200	Path error on sensor except for transport path in RC5 GS502 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N56500	Path error on sensor except for transport path in RC5 GS505 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N57100	Error occurred by the notes disorder in RC5 GS501 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N57200	Error occurred by the notes disorder in RC5 GS502 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N57500	Error occurred by the notes disorder in RC5 GS505 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5N5L100	Remaining notes stack process error in RC5 GS501 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N5L200	Remaining notes stack process error in RC5 GS502 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N5L500	Remaining notes stack process error in RC5 GS505 during CST Notes Count Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5N5R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5N5R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5N5R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5N5R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5N6H100	CSM EEPROM Write Error (System info inquiry/EEPROM Write) during CST Notes Count Read	1. Check CSM EEPROM2. Cehck CSM EEPROM connection3. Replace CSM B/D if same error occurs during EEPROM R/W
5N6H200	CSM EEPROM Read Error (System info inquiry/EEPROM Read/Wrtie) during CST Notes Count Read	1. Check CSM EEPROM2. Cehck CSM EEPROM connection3. Replace CSM B/D if same error occurs during EEPROM R/W
5N6R100	CSM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5N6R200	CSM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5N6R300	CSM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5N6R600	CSM response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5N7R100	TSK response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5N7R200	TSK response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5N7R300	TSK response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5N7R600	TSK response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5N8HA01	GS801A Sensor Error during CST Notes Count Read	1. Check GS801A2. Operate to initialize BRM(Recovery)
5N8HA02	GS801B Sensor Error during CST Notes Count Read	1. Check GS801B2. Operate to initialize BRM(Recovery)
5N8HA03	GS801A, GS801B Sensor Error during CST Notes Count Read	1. Check GS801A, GS801B2. Operate to initialize BRM(Recovery)
5N8HA04	GS802A Sensor Error during CST Notes Count Read	1. Check GS802A2. Operate to initialize BRM(Recovery)
5N8HA05	GS801A, GS802A Sensor Error during CST Notes Count Read	1. Check GS801A, GS802A2. Operate to initialize BRM(Recovery)
5N8HA06	GS801B, GS802A Sensor Error during CST Notes Count Read	1. Check GS801B, GS802A2. Operate to initialize BRM(Recovery)
5N8HA07	GS801A, GS801B, GS802A Sensor Error during CST Notes Count Read	1. Check GS801A, GS801B, GS802A2. Operate to initialize BRM(Recovery)
5N8HA08	GS802B Sensor Error during CST Notes Count Read	1. Check GS802B2. Operate to initialize BRM(Recovery)
5N8HA09	GS801A, GS802B Sensor Error during CST Notes Count Read	1. Check GS801A, GS802B2. Operate to initialize BRM(Recovery)
5N8HA10	GS801B, GS802B Sensor Error during CST Notes Count Read	1. Check GS801B, GS802B2. Operate to initialize BRM(Recovery)
5N8HA11	GS801A, GS801B, GS802B Sensor Error during CST Notes Count Read	1. Check GS801A, GS801B, GS802B2. Operate to initialize BRM(Recovery)
5N8HA12	GS802A, GS802B Sensor Error during CST Notes Count Read	1. Check GS802A, GS802B2. Operate to initialize BRM(Recovery)
5N8HA13	GS801A, GS802A, GS802B Sensor Error during CST Notes Count Read	1. Check GS801A, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5N8HA14	GS801B, GS802A, GS802B Sensor Error during CST Notes Count Read	1. Check GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5N8HA15	GS801A, GS801B, GS802A, GS802B Sensor Error during CST Notes Count Read	1. Check GS801A, GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5N8HB01	MR Sensor Level Error during CST Notes Count Read	1. Check MR Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5N8HC02	UV_01 Sensor Level Error during CST Notes Count Read	1. Check UV Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.

Problem Code	Problem Description	Troubleshooting
5N8HF03	CIS Shading data loading Fail during CST Notes Count Read	1. Operate shading in the BC CIS2. Operate to initialize BRM(Recovery)
5N8HF04	Detection DB Table loading Fail during CST Notes Count Read	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5N8HF05	BC FPGA Data checksum Fail during CST Notes Count Read	1. Check to BC FPGA File2. Operate to initialize BRM(Recovery)
5N8HF06	BC FPGA Configuration Fail during CST Notes Count Read	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5N8HF07	BC FPGA Header Information Loading Fail during CST Notes Count Read	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5N8HF08	BC FPGA Initialize Fail during CST Notes Count Read	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5N8HF09	BC FPGA VERSION Fail during CST Notes Count Read	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5N8HF11	Detection DB #01 loading Fail during CST Notes Count Read	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5N8HF12	Detection DB #02 loading Fail during CST Notes Count Read	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5N8HF13	Detection DB #03 loading Fail during CST Notes Count Read	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5N8HF14	Detection DB #04 loading Fail during CST Notes Count Read	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5N8HF15	Detection DB #05 loading Fail during CST Notes Count Read	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5N8HF16	Detection DB #06 loading Fail during CST Notes Count Read	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5N8HF17	Detection DB #07 loading Fail during CST Notes Count Read	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5N8HF18	Detection DB #08 loading Fail during CST Notes Count Read	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5N8HF19	Detection DB #09 loading Fail during CST Notes Count Read	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5N8HF20	Detection DB #10 loading Fail during CST Notes Count Read	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5N8HG01	Mode Set Error When Receive BC MODE Command (Mode Value is not 1 or 2 ) during CST Notes Count Read	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5N8HG02	Detection Level Set Error When Receive BC MODE Command (Detection Level Value is 0 ) during CST Notes Count Read	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5N8HG03	BC Transaction Ready Fail When Receive BC READY Command during CST Notes Count Read	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5N8HG04	Mode Set Error When Receive BC READY Command (Mode Value is not 1 or 2 ) during CST Notes Count Read	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5N8HG05	Detection Level Set Error When Receive BC READY Command (Detection Level Value is 0 ) during CST Notes Count Read	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5N8HG06	BC Entry Direction Set Error When Receive BC READY Command (Not Deposit-Withdrawal/Stack Direction ) during CST Notes Count Read	1. Check BC putting direction.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5N8HG07	Receive BC Unknown Command during CST Notes Count Read	1. Check BC reception full command.1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization.
5N8HG08	The Number of Nations Set Error When Receive BC DATA WRITE Command (Over 0, 10) during CST Notes Count Read	1. Check the number of supported country.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5N8HG09	Nation Code Set Error When Receive BC DATA WRITE Command during CST Notes Count Read	1. Check the supported country code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5N8HG10	Detection DB of the Nation is not exist When Receive BC DATA WRITE Command during CST Notes Count Read	1. Check the BC recognition DB of country.2. Download DB again after deleting all recognition DB3. Operate to initialize BRM(Recovery)4. Reboot the system when same error occurred after initialization.
5N8HG11	No Nation Code When Receive BC READY Command during CST Notes Count Read	1. Check the country setting value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5N8HG12	BC Version Value Set Error When Receive BC DATA WRITE Command (Not BC FPGA) during CST Notes Count Read	1. Check the BC specifications devision and BC FPGA specifications.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization
5N8HG20	Fail to Initialize CIS When Receive BC READY Command during CST Notes Count Read	1. Operate to initialize BRM(Recovery)2. Check CIS part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5N8HG21	Fail to ENCODER POWER ON When Receive BC READY Command during CST Notes Count Read	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5N8HG22	Fail to adjust DD Sensor DAC When Receive BC READY Command during CST Notes Count Read	1. Operate to initialize BRM(Recovery)2. Check whether the sensor is contaminated or not if same error occurs after Initialize3. Reboot the system when same error occurs even though there is no substance.
5N8HG23	DD Sensor DAC Set Error When Receive BC READY Command during CST Notes Count Read	1. Operate to initialize BRM(Recovery)2. Check DD sensor part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5N8HG24	ENCODER Mode Set Error When Receive BC READY Command during CST Notes Count Read	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance

Problem Code	Problem Description	Troubleshooting
5N8HG30	Counterfeit Note List CRC Error When Receive BC SERIAL NO Command during CST Notes Count Read	1. Check the forged notes list CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5N8HG31	Not Receive The Number of Counterfeit Note Lists and CRC When Receive BC SERIAL NO Command during CST Notes Count Read	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5N8HG32	Over The Number of Counterfeit Note Lists When Receive BC SERIAL NO Command (Over 200) during CST Notes Count Read	1. Check the whole number of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5N8HG33	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Nation Code 0) during CST Notes Count Read	1. Check the country code of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5N8HG34	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Length Over 2~29) during CST Notes Count Read	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5N8HG36	Note Number Detection Mode Set Error When Receive BC MODE Command (Mode Value is Not 0, 1, 2) during CST Notes Count Read	1. Check to the recognized mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5N8HG37	Transaction Classification Set Error When Receive BC MODE Command (Classification Value is Not 0, 1, 2) during CST Notes Count Read	1. Check to the transaction setting.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5N8HG38	Counterfeit Note List Search Classification Set Error When Receive BC SERIAL NO Command 위조지폐 목록 검색 구분 설정 오류 (Classification Value is Not 1, 2, 3 ) during CST Notes Count Read	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5N8HG39	Counterfeit Note List Note Number Set Error When Receive BC SERIAL NO Command (Use '*' When Search Note Number Part) during CST Notes Count Read	1. Check the forged notes list's note numbers.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5N8HG3A	BC MODE SET Bill Management Level Set Error (Over 1~5) during CST Notes Count Read	1. Check check management mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5N8HG3B	Over The Number of BC MODE SET Back Codes (Over 15) during CST Notes Count Read	1. Check the number of check issued by our bank code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5N8HG40	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use End Number at First When Search Note Number Part) during CST Notes Count Read	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5N8HG41	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use Start Number at Last When Search Note Number Part) during CST Notes Count Read	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5N8HG42	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Wrong Start/End Number Order When Search Note Number Part) during CST Notes Count Read	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5N8HG43	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Use Wrong Length Value When Search Note Number Part) during CST Notes Count Read	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5N8HG44	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Use Wrong Nation Code When Search Note Number Part) during CST Notes Count Read	1. Check the forged notes list's country-code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5N8HG45	Not Receive The Number of Bill Number Tables and CRC When Receive Check No Write Command during CST Notes Count Read	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5N8HG46	Bill Number Error When Receive Check No Write Command during CST Notes Count Read	1. Check the check number when registering check number.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5N8HG47	Bill Number Table Length Set Error When Receive Check No Write Command (Length Over 0~50) during CST Notes Count Read	1. Check check number table's length.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5N8HG48	Bill Number Table CRC Error When Receive Check No Write Command during CST Notes Count Read	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5N8HG49	Over The Number of Bill Number Tables When Receive Check No Write Command (Over 5) during CST Notes Count Read	1. Check check total number of tables.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5N8HH01	Fail to Delete NAND FLASH during CST Notes Count Read	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5N8HH02	NAND FLASH Delete BLOCK Set Error When Download Detection DB during CST Notes Count Read	1. Download DB again after checking recognition DB's delete index.2. Operate to initialize BRM(Recovery)
5N8HH03	Fail to Download Detection DB during CST Notes Count Read	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5N8HH04	NAND FLASH Download BLOCK Set Error When Download Detection DB during CST Notes Count Read	1. Download DB again after checking recognition DB's index.2. Operate to initialize BRM(Recovery)
5N8HH05	Detection DB Download File Check Error during CST Notes Count Read	1. Download DB again after checking recognition DB file.2. Operate to initialize BRM(Recovery)
5N8HH06	Detection DB Download File Size Error during CST Notes Count Read	1. Download DB again after checking recognition DB download file.2. Operate to initialize BRM(Recovery)
5N8HH07	DB Table Save Error After Download Detection DB during CST Notes Count Read	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5N8HH08	Over Detection DB Download (Over 10) during CST Notes Count Read	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5N8HH09	Detection DB Header Information Error during CST Notes Count Read	1. Download DB again after deleting recognition DB.2. Operate to initialize BRM(Recovery)
5N8HH10	EP Download Fail during CST Notes Count Read	1. Re-download BC EP.2. Change the BC B/D if continuous error.
5N8HH11	EP Download Check Error during CST Notes Count Read	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5N8HH12	EP Download File Size Error during CST Notes Count Read	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5N8HH13	EP Download File ID Error (Not EPAP/EPBT/EPFP) during CST Notes Count Read	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5N8HH14	BC FPGA Download Fail during CST Notes Count Read	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
5N8HH15	Header Information Save Error After BC FPGA Download during CST Notes Count Read	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
5N8HH16	Not Provide BC FPGA Download during CST Notes Count Read	1. Check BC FPGA VERSION.2. Change the BC B/D if continuous error.
5N8HH17	EEPROM READ/WRITE Error during CST Notes Count Read	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
5N8HH18	Receive Unit Serial Number Undefined Option during CST Notes Count Read	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
5N8HH19	Receive USB Undefined Command during CST Notes Count Read	1. Check USB Command from BC and retry the operation.2. Check BC version and Update EP3. Change the BC B/D if continuous error.
5N8HH20	No BC Process Note When Receive Image Upload Command during CST Notes Count Read	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5N8HH21	FC1 Set Error When Receive Image Upload Command during CST Notes Count Read	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5N8HH22	BC is Processing Note When Receive Image Upload Command during CST Notes Count Read	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5N8HH23	FC2 Set Error When Receive Image Upload Command during CST Notes Count Read	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5N8HH24	Not Provide Total Image Upload Function during CST Notes Count Read	1. Check if SP or TM is out of date.2. Initialize the BRM.3. If initialization does not fix the problem, contact the technician.
5N8HH25	Not Provide Note Number Detection Image Upload Function during CST Notes Count Read	1. Check BC image save mode.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5N8HH26	FC2 Set Error When Receive Image Information Upload Command during CST Notes Count Read	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5N8HH27	BRM Transaction Mode is Not Same with Image Upload Command Mode during CST Notes Count Read	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5N8HH28	BRM Transaction Mode is Not Same with Replenishment/Collect Cash Image Upload Command Mode during CST Notes Count Read	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.

Problem Code	Problem Description	Troubleshooting
5N8HH29	No BC Process Note When Receive Replenishment/Collect Cash Image Upload Command during CST Notes Count Read	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5N8HH2A	FC1 Set Error When Receive Replenishment/Collect Cash Image Upload Command during CST Notes Count Read	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5N8HH2B	BC is Processing Note When Receive Replenishment/Collect Cash Image Upload Command during CST Notes Count Read	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5N8HH2C	FC2 Set Error When Receive Replenishment/Collect Cash Image Upload Command during CST Notes Count Read	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5N8HH2D	Not Provide Replenishment/Collect Cash Image Upload Function during CST Notes Count Read	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5N8HH2E	Note Image Upload Index is Not Same When Receive Replenishment/Collect Cash Image Upload Command during CST Notes Count Read	1. Get BC log and image.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5N8HI01	RecogTask Messeage Timeout Error during CST Notes Count Read	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5N8HI02	ScanTask Messeage Timeout Error during CST Notes Count Read	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5N8HI03	UartTask Messeage Timeout Error during CST Notes Count Read	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5N8HI04	BcUsbTask Messeage Timeout Error during CST Notes Count Read	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5N8HJ01	Algorithm Initialize Fail during CST Notes Count Read	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5N8HJ02	Algorithm Ready Fail during CST Notes Count Read	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5N8HJ03	Algorithm Information Set Error during CST Notes Count Read	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5N8HK01	Table CRC Error When Set Poly-Note Withdrawal Information during CST Notes Count Read	1. Retry the operation
5N8HK02	CST Note Information Set Number Error When Set Poly-Note Withdrawal Information (n is 0 or over 256) during CST Notes Count Read	1. Check the number of CST Setting notes info
5N8HK03	Withdrawal Note Number Set Error When Set Poly-Note Withdrawal Information ( n is 0 or over 3000) during CST Notes Count Read	1. Check Withdrawal notes setting

Problem Code	Problem Description	Troubleshooting
5N8HK04	Note Information (Not CST Set Note) is Set in Withdrawal Note Information When Set Poly-Note Withdrawal Information during CST Notes Count Read	1. Check Withdrawal notes info
5N8HS01	FPGA Write Data Error When Initialize Scan Driver during CST Notes Count Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5N8HS02	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver during CST Notes Count Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5N8HS03	Fail to Set CIS Led On Value When Initialize Scan Driver during CST Notes Count Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5N8HS04	Fail to Set Source of Scan Light When Initialize Scan Driver during CST Notes Count Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5N8HS05	Not Process Shading When Initialize Scan Driver during CST Notes Count Read	1. Perform CiS Shading.2. Operate to initialize BRM(Recovery)
5N8HS08	Fail to Set DAC When Initialize Scan Driver during CST Notes Count Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5N8HS11	FPGA Write Data Error When BC Ready during CST Notes Count Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5N8HS12	Fail to Power On When BC Ready Sensor(MR/UV/DD/Encoder/Entry Sensor) during CST Notes Count Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5N8HS13	Fail to Set CIS Led On Value When BC Ready during CST Notes Count Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5N8HS14	Fail to Set Source of Scan Ligh When BC Ready during CST Notes Count Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5N8HS15	Not Process Shading When BC Ready during CST Notes Count Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5N8HS17	Fail to Set AFE Chip When BC Ready during CST Notes Count Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5N8HS18	Fail to Set DAC When BC Ready during CST Notes Count Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5N8HS19	MR/UV/DD Sampling Start Error When BC Ready during CST Notes Count Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5N8HS1A	Fail to Set 2-Notes DAC When BC Ready during CST Notes Count Read	1. Check whether double notes sensor is contaminate or not.2. Check whether double notes sensor is connected.3. Retry the operation.4. Change the BC if continuous error.
5N8HS1B	2-Notes to 1-Note Adjust Information Error When BC Ready during CST Notes Count Read	1. Perform calibration info about double notes or one note.2. Operate to initialize BRM(Recovery)
5N8HS22	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver When Stop BC during CST Notes Count Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5N8HS28	Fail to Set DAC When Stop BC during CST Notes Count Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5N8HS29	MR/UV/DD Sampling Stop Error When Stop BC during CST Notes Count Read	1. Retry the operation2. Operate to initialize BRM(Recovery)
5N8HS31	BC Ready Fail When Process CIS Shading – Use in Plant during CST Notes Count Read	1. Perform calibration info about double notes or one note and double notes DAC2. Retry the operation
5N8HS32	Dark Adjust Fail When Process CIS Shading – Use in Plant during CST Notes Count Read	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Change CIS and Cable5. Change BC
5N8HS33	Over Target Gap When Process CIS Shading Shading – Use in Plant during CST Notes Count Read	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
5N8HS34	Fail to Write Result Value Flash When Process CIS Shading – Use in Plant during CST Notes Count Read	1. Retry the operation2. Change BC
5N8HS35	BC Stop Fail When Process CIS Shading – Use in Plant during CST Notes Count Read	1. Retry the operation2. Change BC
5N8HS36	Over 10Pixel-Excess-Image When Process CIS Shading during CST Notes Count Read	1. Retry the operation2. Check CIS note quility and setting status3. Check CIS Connection Status4. Change BC
5N8HS37	Dark Shading Result Value is Standard Over When Process CIS Shading during CST Notes Count Read	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Retry the operation5. Change BC
5N8HS38	Max Ontime Ove When Process CIS Shadingr – Use in Plant during CST Notes Count Read	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
5N8HS39	Fail to Set Source of Shading Light When Process CIS Shading – Use in Plant during CST Notes Count Read	1. Retry the operation2. Change BC
5N8HS41	Fail to Adjust 2-Notes DAC (Less Than MIN) – Use in Plant during CST Notes Count Read	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the opertion4. Change BC
5N8HS42	Fail to Adjust 2-Notes DAC (Over MAX) – Use in Plant during CST Notes Count Read	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the opertion4. Change BC
5N8HS43	2-Notes Adjust Flash Write Fail – Use in Plant during CST Notes Count Read	1. Retry the operation2. Change BC
5N8R100	BC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5N8R200	BC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5N8R300	BC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5N8R600	BC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5NAA100	UTC open Error before operation CST Notes Count Read	1. Open the upper unit. 2. Check the UTC removal and reinstallation

Problem Code	Problem Description	Troubleshooting
5NAA200	TSK open Error before operation CST Notes Count Read	1. Open the upper unit. 2. Check the TSK open and close
5NAA300	BMU Inter Lock Error before operation CST Notes Count Read	1. Check BMU open and close
5NAA400	BMU open Error before operation CST Notes Count Read	1. Check BMU open and close
5NAA500	Replenishment CST open Error before operation CST Notes Count Read	1. Check the Transit CST installation
5NAA600	CSM open Error before operation CST Notes Count Read	1. Open the upper unit. 2. Check CSM Open/Close
5NAA800	BMD Inter Lock Error before operation CST Notes Count Read	1. Open the lower unit. 2. Check the BMD open and close
5NAA900	BMD open Error before operation CST Notes Count Read	1. Open the lower unit. 2. Check the BMD open and close
5NAAA00	BC Open Error before operation CST Notes Count Read	1. Open the upper unit. 2. Check BC Open/Close
5NAAB00	RC Full Error before operation CST Notes Count Read	1. Open the lower unit. 2. Check RC Full and remove notes
5NAAC00	RJC Full Error before operation CST Notes Count Read	1. Open the upper unit. 2. Check RJC Full and remove notes
5NAAD00	UTC Full Error before operation CST Notes Count Read	1. Open the upper unit. 2. Remove UTC and open the UTC Door3. Remove notes and reinstallation UTC
5NAAE00	RTC Full Error before operation CST Notes Count Read	1. Open the lower unit. 2. Remove RT/RJC and open the Door3. Remove notes and reinstall RT/RJC
5NAAF00	RC Empty Error before operation CST Notes Count Read	1. Open the lower unit. 2. Remove RC and open the RC Door, Check the Empty Status3. Reinstall the RC
5NAAG00	Suspected note RC open Error before operation CST Notes Count Read	1. Open the lower unit. 2. Check the RC removal and reinstall
5NAE100	Received operation command without Initial Info Set during CST Notes Count Read	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5NAE200	Status on not operation reception command during CST Notes Count Read	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5NAE300	Received operation command without System Info Read during CST Notes Count Read	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5NAE400	Transaction was executed without Initializing after power on during CST Notes Count Read	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5NAEE00	RBU RS485 communication sequence disorder during CST Notes Count Read	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5NAEF00	RBU RS485 connection line disorder during CST Notes Count Read	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization

Problem Code	Problem Description	Troubleshooting
5NAEL00	RBU communication was not ready after power on during CST Notes Count Read	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5NAH600	Failure to check clearing NVRAM during CST Notes Count Read	1. Operate to initialize BRM(Recovery)
5NBH100	RC1 EEPROM Read Error during CST Notes Count Read	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5NBH200	RC2 EEPROM Read Error during CST Notes Count Read	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5NBH300	RC3 EEPROM Read Error during CST Notes Count Read	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5NBH400	RC4 EEPROM Read Error during CST Notes Count Read	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5NBH500	RC5 EEPROM Read Error during CST Notes Count Read	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5NBH600	RC6 EEPROM Read Error during CST Notes Count Read	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5NBH700	RC1 EEPROM Write Error during CST Notes Count Read	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5NBH800	RC2 EEPROM Write Error during CST Notes Count Read	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5NBH900	RC3 EEPROM Write Error during CST Notes Count Read	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5NBHA00	RC4 EEPROM Write Error during CST Notes Count Read	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5NBHB00	RC5 EEPROM Write Error during CST Notes Count Read	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5NBHC00	RC6 EEPROM Write Error during CST Notes Count Read	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5NBHD00	RC1 EEPROM Verify Error during CST Notes Count Read	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5NBHE00	RC2 EEPROM Verify Error during CST Notes Count Read	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5NBHF00	RC3 EEPROM Verify Error during CST Notes Count Read	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization

Problem Code	Problem Description	Troubleshooting
5NBHG00	RC4 EEPROM Verify Error during CST Notes Count Read	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5NBHH00	RC5 EEPROM Verify Error during CST Notes Count Read	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5NBHJ00	RC6 EEPROM Verify Error during CST Notes Count Read	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5NBHK00	BMD Open Error During EEPROM Read/Write during CST Notes Count Read	1. Check the lower Unit load/removal
5NBHU00	BMD EEPROM Read Error during CST Notes Count Read	1. Replace RBU B/D
5NBHV00	BMD EEPROM Write Error during CST Notes Count Read	1. Replace RBU B/D
5NBHW00	BMD EEPROM Verify Error during CST Notes Count Read	1. Replace RBU B/D
5NBHX00	RC7 EEPROM Read Error during CST Notes Count Read	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5NBHY00	RC7 EEPROM Write Error during CST Notes Count Read	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5NBHZ00	RC7 EEPROM Verify Error during CST Notes Count Read	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5NBR000	RBU Response Timeout during CST Notes Count Read	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5NBR700	RBU Response Message Timeout during CST Notes Count Read	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5NBS100	RBU RS-232 Seq Num Echo Error during CST Notes Count Read	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5NBS200	RBU RS-232 MI Echo Error during CST Notes Count Read	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5NCR100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5NCR200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5NCR300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5NCR600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5NEH800	CST EEPROM Write Error during CST Notes Count Read	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5NEH900	CST EEPROM Read Error during CST Notes Count Read	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5NER100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5NER200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5NER300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5NER600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5NUS100	USB Bulk Sequence Error during CST Notes Count Read.	1. Restart over AP-SP
5NUS300	USB Bulk Received Length Error during CST Notes Count Read.	1. Reboot the system
5NUS400	Message transmission Error from USB to Main Task during CST Notes Count Read.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
5NUS500	Message reception Error from MainTask to USB during CST Notes Count Read.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
5NUCMD	Bulk command data check error during CST notes count Read. (USB communication failure)	1. Restart over AP-SP
5NUCRC	CRC data check error during CST notes count Read. (USB communication failure)	1. Restart over AP-SP
5NUSLEN	Bulk length error during CST notes count Read. (USB communication failure)	1. Restart over AP-SP
5P1R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5P1R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5P1R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5P1R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5P2R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5P2R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5P2R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5P2R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5P30100	RC3 GS301 Light Jam during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P30200	RC3 GS302 Light Jam during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P30500	RC3 GS305 Light Jam during CST Notes Count Delete	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(C)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5P31100	RC3 GS301 Dark Jam during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P31200	RC3 GS302 Dark Jam during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P31500	RC3 GS305 Dark Jam during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P32100	Error occurred by notes remained in RC3 GS301 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P32200	Error occurred by notes remained in RC3 GS302 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5P32500	Error occurred by notes remained in RC3 GS305 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P33100	Sensor auto calibration error in RC3 GS301 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P33200	Sensor auto calibration error in RC3 GS302 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P33500	Sensor auto calibration error in RC3 GS305 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P34100	Extern lights check error in RC3 GS301 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P34200	Extern lights check error in RC3 GS302 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P34500	Extern lights check error in RC3 GS305 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P35100	Path error on transport path in RC3 GS301 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P35200	Path error on transport path in RC3 GS302 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P35500	Path error on transport path in RC3 GS305 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5P36100	Path error on sensor except for transport path in RC3 GS301 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P36200	Path error on sensor except for transport path in RC3 GS302 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P36500	Path error on sensor except for transport path in RC3 GS305 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P37100	Error occurred by the notes disorder in RC3 GS301 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P37200	Error occurred by the notes disorder in RC3 GS302 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P37500	Error occurred by the notes disorder in RC3 GS305 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P3L100	Remaining notes stack process error in RC3 GS301 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P3L200	Remaining notes stack process error in RC3 GS302 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P3L500	Remaining notes stack process error in RC3 GS305 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P3R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5P3R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5P3R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5P3R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5P40100	RC4 GS401 Light Jam during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P40200	RC4 GS402 Light Jam during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P40500	RC4 GS405 Light Jam during CST Notes Count Delete	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(D)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5P41100	RC4 GS401 Dark Jam during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P41200	RC4 GS402 Dark Jam during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P41500	RC4 GS405 Dark Jam during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P42100	Error occurred by notes remained in RC4 GS401 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P42200	Error occurred by notes remained in RC4 GS402 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P42500	Error occurred by notes remained in RC4 GS405 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5P43100	Sensor auto calibration error in RC4 GS401 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P43200	Sensor auto calibration error in RC4 GS402 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P43500	Sensor auto calibration error in RC4 GS405 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P44100	Extern lights check error in RC4 GS401 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P44200	Extern lights check error in RC4 GS402 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P44500	Extern lights check error in RC4 GS405 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P45100	Path error on transport path in RC4 GS401 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P45200	Path error on transport path in RC4 GS402 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P45500	Path error on transport path in RC4 GS405 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P46100	Path error on sensor except for transport path in RC4 GS401 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5P46200	Path error on sensor except for transport path in RC4 GS402 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P46500	Path error on sensor except for transport path in RC4 GS405 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P47100	Error occurred by the notes disorder in RC4 GS401 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P47200	Error occurred by the notes disorder in RC4 GS402 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P47500	Error occurred by the notes disorder in RC4 GS405 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P4L100	Remaining notes stack process error in RC4 GS401 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P4L200	Remaining notes stack process error in RC4 GS402 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P4L500	Remaining notes stack process error in RC4 GS405 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P4R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5P4R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5P4R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5P4R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5P50100	RC5 GS501 Light Jam during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P50200	RC5 GS502 Light Jam during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P50500	RC5 GS505 Light Jam during CST Notes Count Delete	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(E)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5P51100	RC5 GS501 Dark Jam during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P51200	RC5 GS502 Dark Jam during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P51500	RC5 GS505 Dark Jam during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P52100	Error occurred by notes remained in RC5 GS501 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P52200	Error occurred by notes remained in RC5 GS502 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P52500	Error occurred by notes remained in RC5 GS505 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P53100	Sensor auto calibration error in RC5 GS501 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P53200	Sensor auto calibration error in RC5 GS502 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5P53500	Sensor auto calibration error in RC5 GS505 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P54100	Extern lights check error in RC5 GS501 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P54200	Extern lights check error in RC5 GS502 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P54500	Extern lights check error in RC5 GS505 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P55100	Path error on transport path in RC5 GS501 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P55200	Path error on transport path in RC5 GS502 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P55500	Path error on transport path in RC5 GS505 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P56100	Path error on sensor except for transport path in RC5 GS501 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P56200	Path error on sensor except for transport path in RC5 GS502 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P56500	Path error on sensor except for transport path in RC5 GS505 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5P57100	Error occurred by the notes disorder in RC5 GS501 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P57200	Error occurred by the notes disorder in RC5 GS502 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P57500	Error occurred by the notes disorder in RC5 GS505 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P5L100	Remaining notes stack process error in RC5 GS501 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P5L200	Remaining notes stack process error in RC5 GS502 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P5L500	Remaining notes stack process error in RC5 GS505 during CST Notes Count Delete	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5P5R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5P5R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5P5R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5P5R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5P6H100	CSM EEPROM Write Error (System info inquiry/EEPROM Write) during CST Notes Count Delete	1. Check CSM EEPROM2. Cehck CSM EEPROM connection3. Replace CSM B/D if same error occurs during EEPROM R/W
5P6H200	CSM EEPROM Read Error (System info inquiry/EEPROM Read/Wrtie) during CST Notes Count Delete	1. Check CSM EEPROM2. Cehck CSM EEPROM connection3. Replace CSM B/D if same error occurs during EEPROM R/W
5P6R100	CSM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5P6R200	CSM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5P6R300	CSM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5P6R600	CSM response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5P7R100	TSK response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5P7R200	TSK response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5P7R300	TSK response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5P7R600	TSK response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5P8HA01	GS801A Sensor Error during CST Notes Count Delete	1. Check GS801A2. Operate to initialize BRM(Recovery)
5P8HA02	GS801B Sensor Error during CST Notes Count Delete	1. Check GS801B2. Operate to initialize BRM(Recovery)
5P8HA03	GS801A, GS801B Sensor Error during CST Notes Count Delete	1. Check GS801A, GS801B2. Operate to initialize BRM(Recovery)
5P8HA04	GS802A Sensor Error during CST Notes Count Delete	1. Check GS802A2. Operate to initialize BRM(Recovery)
5P8HA05	GS801A, GS802A Sensor Error during CST Notes Count Delete	1. Check GS801A, GS802A2. Operate to initialize BRM(Recovery)
5P8HA06	GS801B, GS802A Sensor Error during CST Notes Count Delete	1. Check GS801B, GS802A2. Operate to initialize BRM(Recovery)
5P8HA07	GS801A, GS801B, GS802A Sensor Error during CST Notes Count Delete	1. Check GS801A, GS801B, GS802A2. Operate to initialize BRM(Recovery)
5P8HA08	GS802B Sensor Error during CST Notes Count Delete	1. Check GS802B2. Operate to initialize BRM(Recovery)
5P8HA09	GS801A, GS802B Sensor Error during CST Notes Count Delete	1. Check GS801A, GS802B2. Operate to initialize BRM(Recovery)
5P8HA10	GS801B, GS802B Sensor Error during CST Notes Count Delete	1. Check GS801B, GS802B2. Operate to initialize BRM(Recovery)
5P8HA11	GS801A, GS801B, GS802B Sensor Error during CST Notes Count Delete	1. Check GS801A, GS801B, GS802B2. Operate to initialize BRM(Recovery)
5P8HA12	GS802A, GS802B Sensor Error during CST Notes Count Delete	1. Check GS802A, GS802B2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5P8HA13	GS801A, GS802A, GS802B Sensor Error during CST Notes Count Delete	1. Check GS801A, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5P8HA14	GS801B, GS802A, GS802B Sensor Error during CST Notes Count Delete	1. Check GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5P8HA15	GS801A, GS801B, GS802A, GS802B Sensor Error during CST Notes Count Delete	1. Check GS801A, GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5P8HB01	MR Sensor Level Error during CST Notes Count Delete	1. Check MR Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5P8HC02	UV_01 Sensor Level Error during CST Notes Count Delete	1. Check UV Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5P8HF03	CIS Shading data loading Fail during CST Notes Count Delete	1. Operate shading in the BC CIS2. Operate to initialize BRM(Recovery)
5P8HF04	Detection DB Table loading Fail during CST Notes Count Delete	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5P8HF05	BC FPGA Data checksum Fail during CST Notes Count Delete	1. Check to BC FPGA File2. Operate to initialize BRM(Recovery)
5P8HF06	BC FPGA Configuration Fail during CST Notes Count Delete	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5P8HF07	BC FPGA Header Information Loading Fail during CST Notes Count Delete	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5P8HF08	BC FPGA Initialize Fail during CST Notes Count Delete	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5P8HF09	BC FPGA VERSION Fail during CST Notes Count Delete	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5P8HF11	Detection DB #01 loading Fail during CST Notes Count Delete	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5P8HF12	Detection DB #02 loading Fail during CST Notes Count Delete	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5P8HF13	Detection DB #03 loading Fail during CST Notes Count Delete	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5P8HF14	Detection DB #04 loading Fail during CST Notes Count Delete	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5P8HF15	Detection DB #05 loading Fail during CST Notes Count Delete	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5P8HF16	Detection DB #06 loading Fail during CST Notes Count Delete	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5P8HF17	Detection DB #07 loading Fail during CST Notes Count Delete	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5P8HF18	Detection DB #08 loading Fail during CST Notes Count Delete	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5P8HF19	Detection DB #09 loading Fail during CST Notes Count Delete	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5P8HF20	Detection DB #10 loading Fail during CST Notes Count Delete	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5P8HG01	Mode Set Error When Receive BC MODE Command (Mode Value is not 1 or 2 ) during CST Notes Count Delete	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5P8HG02	Detection Level Set Error When Receive BC MODE Command (Detection Level Value is 0 ) during CST Notes Count Delete	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5P8HG03	BC Transaction Ready Fail When Receive BC READY Command during CST Notes Count Delete	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5P8HG04	Mode Set Error When Receive BC READY Command (Mode Value is not 1 or 2 ) during CST Notes Count Delete	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5P8HG05	Detection Level Set Error When Receive BC READY Command (Detection Level Value is 0 ) during CST Notes Count Delete	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5P8HG06	BC Entry Direction Set Error When Receive BC READY Command (Not Deposit-Withdrawal/Stack Direction ) during CST Notes Count Delete	1. Check BC putting direction.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5P8HG07	Receive BC Unknown Command during CST Notes Count Delete	1. Check BC reception full command.1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization.
5P8HG08	The Number of Nations Set Error When Receive BC DATA WRITE Command (Over 0, 10) during CST Notes Count Delete	1. Check the number of supported country.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5P8HG09	Nation Code Set Error When Receive BC DATA WRITE Command during CST Notes Count Delete	1. Check the supported country code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5P8HG10	Detection DB of the Nation is not exist When Receive BC DATA WRITE Command during CST Notes Count Delete	1. Check the BC recognition DB of country.2. Download DB again after deleting all recognition DB3. Operate to initialize BRM(Recovery)4. Reboot the system when same error occurred after initialization.
5P8HG11	No Nation Code When Receive BC READY Command during CST Notes Count Delete	1. Check the country setting value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5P8HG12	BC Version Value Set Error When Receive BC DATA WRITE Command (Not BC FPGA) during CST Notes Count Delete	1. Check the BC specifications devision and BC FPGA specifications.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initializatio
5P8HG20	Fail to Initialize CIS When Receive BC READY Command during CST Notes Count Delete	1. Operate to initialize BRM(Recovery)2. Check CIS part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5P8HG21	Fail to ENCODER POWER ON When Receive BC READY Command during CST Notes Count Delete	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.

Problem Code	Problem Description	Troubleshooting
5P8HG22	Fail to adjust DD Sensor DAC When Receive BC READY Command during CST Notes Count Delete	1. Operate to initialize BRM(Recovery)2. Check whether the sensor is contaminated or not if same error occurs after Initialize3. Reboot the system when same error occurs even though there is no substance.
5P8HG23	DD Sensor DAC Set Error When Receive BC READY Command during CST Notes Count Delete	1. Operate to initialize BRM(Recovery)2. Check DD sensor part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5P8HG24	ENCODER Mode Set Error When Receive BC READY Command during CST Notes Count Delete	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance
5P8HG30	Counterfeit Note List CRC Error When Receive BC SERIAL NO Command during CST Notes Count Delete	1. Check the forged notes list CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5P8HG31	Not Receive The Number of Counterfeit Note Lists and CRC When Receive BC SERIAL NO Command during CST Notes Count Delete	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5P8HG32	Over The Number of Counterfeit Note Lists When Receive BC SERIAL NO Command (Over 200) during CST Notes Count Delete	1. Check the whole number of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5P8HG33	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Nation Code 0) during CST Notes Count Delete	1. Check the country code of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5P8HG34	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Length Over 2~29) during CST Notes Count Delete	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5P8HG36	Note Number Detection Mode Set Error When Receive BC MODE Command (Mode Value is Not 0, 1, 2) during CST Notes Count Delete	1. Check to the recognized mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5P8HG37	Transaction Classification Set Error When Receive BC MODE Command (Classification Value is Not 0, 1, 2) during CST Notes Count Delete	1. Check to the transaction setting.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5P8HG38	Counterfeit Note List Search Classification Set Error When Receive BC SERIAL NO Command <b>위조지폐 목록 검색 구분 설정 오류</b> (Classification Value is Not 1, 2, 3 ) during CST Notes Count Delete	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5P8HG39	Counterfeit Note List Note Number Set Error When Receive BC SERIAL NO Command (Use '*' When Search Note Number Part) during CST Notes Count Delete	1. Check the forged notes list's note numbers.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5P8HG3A	BC MODE SET Bill Management Level Set Error (Over 1~5) during CST Notes Count Delete	1. Check check management mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5P8HG3B	Over The Number of BC MODE SET Back Codes (Over 15) during CST Notes Count Delete	1. Check the number of check issued by our bank code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.

Problem Code	Problem Description	Troubleshooting
5P8HG40	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use End Number at First When Search Note Number Part) during CST Notes Count Delete	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5P8HG41	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use Start Number at Last When Search Note Number Part) during CST Notes Count Delete	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5P8HG42	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Wrong Start/End Number Order When Search Note Number Part) during CST Notes Count Delete	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5P8HG43	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Use Wrong Length Value When Search Note Number Part) during CST Notes Count Delete	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5P8HG44	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Use Wrong Nation Code When Search Note Number Part) during CST Notes Count Delete	1. Check the forged notes list's country-code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5P8HG45	Not Receive The Number of Bill Number Tables and CRC When Receive Check No Write Command during CST Notes Count Delete	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5P8HG46	Bill Number Error When Receive Check No Write Command during CST Notes Count Delete	1. Check the check number when registering check number.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5P8HG47	Bill Number Table Length Set Error When Receive Check No Write Command (Length Over 0~50) during CST Notes Count Delete	1. Check check number table's length.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5P8HG48	Bill Number Table CRC Error When Receive Check No Write Command during CST Notes Count Delete	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5P8HG49	Over The Number of Bill Number Tables When Receive Check No Write Command (Over 5) during CST Notes Count Delete	1. Check check total number of tables.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5P8HH01	Fail to Delete NAND FLASH during CST Notes Count Delete	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5P8HH02	NAND FLASH Delete BLOCK Set Error When Download Detection DB during CST Notes Count Delete	1. Download DB again after checking recognition DB's delete index.2. Operate to initialize BRM(Recovery)
5P8HH03	Fail to Download Detection DB during CST Notes Count Delete	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5P8HH04	NAND FLASH Download BLOCK Set Error When Download Detection DB during CST Notes Count Delete	1. Download DB again after checking recognition DB's index.2. Operate to initialize BRM(Recovery)
5P8HH05	Detection DB Download File Check Error during CST Notes Count Delete	1. Download DB again after checking recognition DB file.2. Operate to initialize BRM(Recovery)
5P8HH06	Detection DB Download File Size Error during CST Notes Count Delete	1. Download DB again after checking recognition DB download file.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5P8HH07	DB Table Save Error After Download Detection DB during CST Notes Count Delete	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5P8HH08	Over Detection DB Download (Over 10) during CST Notes Count Delete	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5P8HH09	Detection DB Header Information Error during CST Notes Count Delete	1. Download DB again after deleting recognition DB.2. Operate to initialize BRM(Recovery)
5P8HH10	EP Download Fail during CST Notes Count Delete	1. Re-download BC EP.2. Change the BC B/D if continuous error.
5P8HH11	EP Download Check Error during CST Notes Count Delete	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5P8HH12	EP Download File Size Error during CST Notes Count Delete	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5P8HH13	EP Download File ID Error (Not EPAP/EPBT/EPFP) during CST Notes Count Delete	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5P8HH14	BC FPGA Download Fail during CST Notes Count Delete	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
5P8HH15	Header Information Save Error After BC FPGA Download during CST Notes Count Delete	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
5P8HH16	Not Provide BC FPGA Download during CST Notes Count Delete	1. Check BC FPGA VERSION.2. Change the BC B/D if continuous error.
5P8HH17	EEPROM READ/WRITE Error during CST Notes Count Delete	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
5P8HH18	Receive Unit Serial Number Undefined Option during CST Notes Count Delete	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
5P8HH19	Receive USB Undefined Command during CST Notes Count Delete	1. Check USB Command from BC and retry the operation2. Check BC version and Update EP3. Change the BC B/D if continuous error.
5P8HH20	No BC Process Note When Receive Image Upload Command during CST Notes Count Delete	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5P8HH21	FC1 Set Error When Receive Image Upload Command during CST Notes Count Delete	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5P8HH22	BC is Processing Note When Receive Image Upload Command during CST Notes Count Delete	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5P8HH23	FC2 Set Error When Receive Image Upload Command during CST Notes Count Delete	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5P8HH24	Not Provide Total Image Upload Function during CST Notes Count Delete	1. Check if SP or TM is out of date.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.

Problem Code	Problem Description	Troubleshooting
5P8HH25	Not Provide Note Number Detection Image Upload Function during CST Notes Count Delete	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5P8HH26	FC2 Set Error When Receive Image Information Upload Command during CST Notes Count Delete	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5P8HH27	BRM Transaction Mode is Not Same with Image Upload Command Mode during CST Notes Count Delete	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5P8HH28	BRM Transaction Mode is Not Same with Replenishment/Collect Cash Image Upload Command Mode during CST Notes Count Delete	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5P8HH29	No BC Process Note When Receive Replenishment/Collect Cash Image Upload Command during CST Notes Count Delete	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5P8HH2A	FC1 Set Error When Receive Replenishment/Collect Cash Image Upload Command during CST Notes Count Delete	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5P8HH2B	BC is Processing Note When Receive Replenishment/Collect Cash Image Upload Command during CST Notes Count Delete	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5P8HH2C	FC2 Set Error When Receive Replenishment/Collect Cash Image Upload Command during CST Notes Count Delete	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5P8HH2D	Not Provide Replenishment/Collect Cash Image Upload Function during CST Notes Count Delete	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5P8HH2E	Note Image Upload Index is Not Same When Receive Replenishment/Collect Cash Image Upload Command during CST Notes Count Delete	1. Get BC log and image.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5P8HI01	RecogTask Messeage Timeout Error during CST Notes Count Delete	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5P8HI02	ScanTask Messeage Timeout Error during CST Notes Count Delete	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5P8HI03	UartTask Messeage Timeout Error during CST Notes Count Delete	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5P8HI04	BcUsbTask Messeage Timeout Error during CST Notes Count Delete	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5P8HJ01	Algorithm Initialize Fail during CST Notes Count Delete	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5P8HJ02	Algorithm Ready Fail during CST Notes Count Delete	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5P8HJ03	Algorithm Information Set Error during CST Notes Count Delete	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5P8HK01	Table CRC Error When Set Poly-Note Withdrawal Information during CST Notes Count Delete	1. Retry the operation
5P8HK02	CST Note Information Set Number Error When Set Poly-Note Withdrawal Information (n is 0 or over 256) during CST Notes Count Delete	1. Check the number of CST Setting notes info
5P8HK03	Withdrawal Note Number Set Error When Set Poly-Note Withdrawal Information ( n is 0 or over 3000) during CST Notes Count Delete	1. Check Withdrawal notes setting
5P8HK04	Note Information (Not CST Set Note) is Set in Withdrawal Note Information When Set Poly-Note Withdrawal Information during CST Notes Count Delete	1. Check Withdrawal notes info
5P8HS01	FPGA Write Data Error When Initialize Scan Driver during CST Notes Count Delete	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5P8HS02	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver during CST Notes Count Delete	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5P8HS03	Fail to Set CIS Led On Value When Initialize Scan Driver during CST Notes Count Delete	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5P8HS04	Fail to Set Source of Scan Light When Initialize Scan Driver during CST Notes Count Delete	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5P8HS05	Not Process Shading When Initialize Scan Driver during CST Notes Count Delete	1. Perform CiS Shading.2. Operate to initialize BRM(Recovery)
5P8HS08	Fail to Set DAC When Initialize Scan Driver during CST Notes Count Delete	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5P8HS11	FPGA Write Data Error When BC Ready during CST Notes Count Delete	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5P8HS12	Fail to Power On When BC Ready Sensor(MR/UV/DD/Encoder/Entry Sensor) during CST Notes Count Delete	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5P8HS13	Fail to Set CIS Led On Value When BC Ready during CST Notes Count Delete	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5P8HS14	Fail to Set Source of Scan Ligh When BC Ready during CST Notes Count Delete	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5P8HS15	Not Process Shading When BC Ready during CST Notes Count Delete	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5P8HS17	Fail to Set AFE Chip When BC Ready during CST Notes Count Delete	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5P8HS18	Fail to Set DAC When BC Ready during CST Notes Count Delete	1. Retry the operation.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5P8HS19	MR/UV/DD Sampling Start Error When BC Ready during CST Notes Count Delete	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5P8HS1A	Fail to Set 2-Notes DAC When BC Ready during CST Notes Count Delete	1. Check whether double notes sensor is contaminate or not.2. Check whether double notes sensor is connected.3. Retry the operation.4. Change the BC if continuous error.
5P8HS1B	2-Notes to 1-Note Adjust Information Error When BC Ready during CST Notes Count Delete	1. Perform calibration info about double notes or one note.2. Operate to initialize BRM(Recovery)
5P8HS22	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver When Stop BC during CST Notes Count Delete	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5P8HS28	Fail to Set DAC When Stop BC during CST Notes Count Delete	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5P8HS29	MR/UV/DD Sampling Stop Error When Stop BC during CST Notes Count Delete	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5P8HS31	BC Ready Fail When Process CIS Shading – Use in Plant during CST Notes Count Delete	1. Perform calibration info about double notes or one note and double notes DAC2. Retry the operation
5P8HS32	Dark Adjust Fail When Process CIS Shading – Use in Plant during CST Notes Count Delete	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Change CIS and Cable5. Change BC
5P8HS33	Over Target Gap When Process CIS Shading Shading – Use in Plant during CST Notes Count Delete	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
5P8HS34	Fail to Write Result Value Flash When Process CIS Shading – Use in Plant during CST Notes Count Delete	1. Retry the operation2. Change BC
5P8HS35	BC Stop Fail When Process CIS Shading – Use in Plant during CST Notes Count Delete	1. Retry the operation2. Change BC
5P8HS36	Over 10Pixel-Excess-Image When Process CIS Shading during CST Notes Count Delete	1. Retry the operation2. Check CIS note quility and setting status3. Check CIS Connection Status4. Change BC
5P8HS37	Dark Shading Result Value is Standard Over When Process CIS Shading during CST Notes Count Delete	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Retry the operation5. Change BC
5P8HS38	Max Ontime Ove When Process CIS Shading – Use in Plant during CST Notes Count Delete	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
5P8HS39	Fail to Set Source of Shading Light When Process CIS Shading – Use in Plant during CST Notes Count Delete	1. Retry the operation2. Change BC
5P8HS41	Fail to Adjust 2-Notes DAC (Less Than MIN) – Use in Plant during CST Notes Count Delete	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the opertion4. Change BC
5P8HS42	Fail to Adjust 2-Notes DAC (Over MAX) – Use in Plant during CST Notes Count Delete	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the opertion4. Change BC
5P8HS43	2-Notes Adjust Flash Write Fail – Use in Plant during CST Notes Count Delete	1. Retry the operation2. Change BC

Problem Code	Problem Description	Troubleshooting
5P8R100	BC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5P8R200	BC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5P8R300	BC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5P8R600	BC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5PAA100	UTC open Error before operation CST Notes Count Delete	1. Open the upper unit. 2. Check the UTC removal and reinstallation
5PAA200	TSK open Error before operation CST Notes Count Delete	1. Open the upper unit. 2. Check the TSK open and close
5PAA300	BMU Inter Lock Error before operation CST Notes Count Delete	1. Check BMU open and close
5PAA400	BMU open Error before operation CST Notes Count Delete	1. Check BMU open and close
5PAA500	Replenishment CST open Error before operation CST Notes Count Delete	1. Check the Transit CST installation
5PAA600	CSM open Error before operation CST Notes Count Delete	1. Open the upper unit. 2. Check CSM Open/Close
5PAA800	BMD Inter Lock Error before operation CST Notes Count Delete	1. Open the lower unit. 2. Check the BMD open and close
5PAA900	BMD open Error before operation CST Notes Count Delete	1. Open the lower unit. 2. Check the BMD open and close
5PAAA00	BC Open Error before operation CST Notes Count Delete	1. Open the upper unit. 2. Check BC Open/Close
5PAAB00	RC Full Error before operation CST Notes Count Delete	1. Open the lower unit. 2. Check RC Full and remove notes
5PAAC00	RJC Full Error before operation CST Notes Count Delete	1. Open the upper unit. 2. Check RJC Full and remove notes
5PAAD00	UTC Full Error before operation CST Notes Count Delete	1. Open the upper unit. 2. Remove UTC and open the UTC Door3. Remove notes and reinstallation UTC
5PAAE00	RTC Full Error before operation CST Notes Count Delete	1. Open the lower unit. 2. Remove RT/RJC and open the Door3. Remove notes and reinstall RT/RJC
5PAAF00	RC Empty Error before operation CST Notes Count Delete	1. Open the lower unit. 2. Remove RC and open the RC Door, Check the Empty Status3. Reinstall the RC
5PAAG00	Suspected note RC open Error before operation CST Notes Count Delete	1. Open the lower unit. 2. Check the RC removal and reinstall
5PAE100	Received operation command without Initial Info Set during CST Notes Count Delete	1. Restart over AP-SP2. Do transaction operation follow by set up read system Info for TM Test-> Initial Info Set -> Initialization

Problem Code	Problem Description	Troubleshooting
5PAE200	Status on not operation reception command during CST Notes Count Delete	1. Restart over AP-SP2. Do transaction operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5PAE300	Received operation command without System Info Read during CST Notes Count Delete	1. Restart over AP-SP2. Do transaction operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5PAE400	Transaction was executed without Initializing after power on during CST Notes Count Delete	1. Restart over AP-SP2. Do transaction operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5PAEE00	RBU RS485 communication sequence disorder during CST Notes Count Delete	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5PAEF00	RBU RS485 connection line disorder during CST Notes Count Delete	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5PAEL00	RBU communication was not ready after power on during CST Notes Count Delete	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5PAH600	Failure to check clearing NVRAM during CST Notes Count Delete	1. Operate to initialize BRM(Recovery)
5PBH100	RC1 EEPROM Read Error during CST Notes Count Delete	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5PBH200	RC2 EEPROM Read Error during CST Notes Count Delete	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5PBH300	RC3 EEPROM Read Error during CST Notes Count Delete	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5PBH400	RC4 EEPROM Read Error during CST Notes Count Delete	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5PBH500	RC5 EEPROM Read Error during CST Notes Count Delete	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5PBH600	RC6 EEPROM Read Error during CST Notes Count Delete	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5PBH700	RC1 EEPROM Write Error during CST Notes Count Delete	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5PBH800	RC2 EEPROM Write Error during CST Notes Count Delete	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5PBH900	RC3 EEPROM Write Error during CST Notes Count Delete	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5PBHA00	RC4 EEPROM Write Error during CST Notes Count Delete	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization

Problem Code	Problem Description	Troubleshooting
5PBHB00	RC5 EEPROM Write Error during CST Notes Count Delete	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5PBHC00	RC6 EEPROM Write Error during CST Notes Count Delete	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5PBHD00	RC1 EEPROM Verify Error during CST Notes Count Delete	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5PBHE00	RC2 EEPROM Verify Error during CST Notes Count Delete	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5PBHF00	RC3 EEPROM Verify Error during CST Notes Count Delete	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5PBHG00	RC4 EEPROM Verify Error during CST Notes Count Delete	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5PBHH00	RC5 EEPROM Verify Error during CST Notes Count Delete	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5PBHJ00	RC6 EEPROM Verify Error during CST Notes Count Delete	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5PBHK00	BMD Open Error During EEPROM Read/Write during CST Notes Count Delete	1. Check the lower Unit load/removal
5PBHU00	BMD EEPROM Read Error during CST Notes Count Delete	1. Replace RBU B/D
5PBHV00	BMD EEPROM Write Error during CST Notes Count Delete	1. Replace RBU B/D
5PBHW00	BMD EEPROM Verify Error during CST Notes Count Delete	1. Replace RBU B/D
5PBHX00	RC7 EEPROM Read Error during CST Notes Count Delete	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5PBHY00	RC7 EEPROM Write Error during CST Notes Count Delete	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5PBHZ00	RC7 EEPROM Verify Error during CST Notes Count Delete	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5PBR000	RBU Response Timeout during CST Notes Count Delete	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5PBR700	RBU Response Message Timeout during CST Notes Count Delete	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5PBS100	RBU RS-232 Seq Num Echo Error during CST Notes Count Delete	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5PBS200	RBU RS-232 MI Echo Error during CST Notes Count Delete	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5PCR100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5PCR200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5PCR300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5PCR600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5PEH800	CST EEPROM Write Error during CST Notes Count Delete	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5PEH900	CST EEPROM Read Error during CST Notes Count Delete	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5PER100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5PER200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5PER300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5PER600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5PUS100	USB Bulk Sequence Error during CST Notes Count Delete.	1. Restart over AP-SP
5PUS300	USB Bulk Received Length Error during CST Notes Count Delete.	1. Reboot the system
5PUS400	Message transmission Error from USB to Main Task during CST Notes Count Delete.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
5PUS500	Message reception Error from MainTask to USB during CST Notes Count Delete.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
5PUSCMD	Bulk command data check error during CST notes count Delete. (USB communication failure)	1. Restart over AP-SP
5PUSCRC	CRC data check error during CST notes count Delete. (USB communication failure)	1. Restart over AP-SP
5PUSLEN	Bulk length error during CST notes count Delete. (USB communication failure)	1. Restart over AP-SP

Problem Code	Problem Description	Troubleshooting
5Q00100	GS801 Light Jam error during Deposit for adjustment	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5Q00200	GS002 Light Jam error during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q00300	GS003 Light Jam error during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q00400	GS004 Light Jam error during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q00500	GS005 Light Jam error during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q00600	GS006 Light Jam error during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q00700	GS014 Light Jam error during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q00800	GS018 Light Jam error during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q00900	GS020 Light Jam error during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q00A00	GS021 Light Jam error during Deposit for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Q00C00	GS030 Light Jam error during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q00E00	GS001 Light Jam error during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q00H00	GS618 Light Jam error during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q00J00	GS619 Light Jam error during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q00M00	GSA01 Light Jam error during Deposit for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q00N00	GSA02 Light Jam error during Deposit for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q00P00	GSA03 Light Jam error during Deposit for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q00Q00	GSD01 Light Jam error during Deposit for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q00W00	GS802 Light Jam error during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q01100	GS801 Dark Jam error during Deposit for adjustment	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Q01200	GS002 Dark Jam error during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q01300	GS003 Dark Jam error during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q01400	GS004 Dark Jam error during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q01500	GS005 Dark Jam error during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q01600	GS006 Dark Jam error during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q01700	GS014 Dark Jam error during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q01800	GS018 Dark Jam error during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q01900	GS020 Dark Jam error during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q01A00	GS021 Dark Jam error during Deposit for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q01C00	GS030 Dark Jam error during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Q01E00	GS001 Dark Jam error during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q01H00	GS618 Dark Jam error during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q01J00	GS619 Dark Jam error during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q01M00	GSA01 Dark Jam error during Deposit for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q01N00	GSA02 Dark Jam error during Deposit for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q01P00	GSA03 Dark Jam error during Deposit for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q01Q00	GSD01 Dark Jam error during Deposit for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q01W00	GS802 Dark Jam error during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q02100	Error occurred by notes remained in GS801 during Deposit for adjustment	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5Q02200	Error occurred by notes remained in GS002 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Q02300	Error occurred by notes remained in GS003 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q02400	Error occurred by notes remained in GS004 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q02500	Error occurred by notes remained in GS005 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q02600	Error occurred by notes remained in GS006 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q02700	Error occurred by notes remained in GS014 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q02800	Error occurred by notes remained in GS018 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q02900	Error occurred by notes remained in GS020 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q02A00	Error occurred by notes remained in GS021 during Deposit for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q02C00	Error occurred by notes remained in GS030 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q02E00	Error occurred by notes remained in GS001 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Q02H00	Error occurred by notes remained in GS618 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q02J00	Error occurred by notes remained in GS619 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q02M00	Error occurred by notes remained in GSA01 during Deposit for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q02N00	Error occurred by notes remained in GSA02 during Deposit for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q02P00	Error occurred by notes remained in GSA03 during Deposit for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q02Q00	Error occurred by notes remained in GSD01 during Deposit for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q02W00	Error occurred by notes remained in GS802 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q05100	GS801 Path error on transport path during Deposit for adjustment	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5Q05200	GS002 Path error on transport path during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q05300	GS003 Path error on transport path during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Q05400	GS004 Path error on transport path during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q05500	GS005 Path error on transport path during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q05600	GS006 Path error on transport path during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q05700	GS014 Path error on transport path during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q05800	GS018 Path error on transport path during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q05900	GS020 Path error on transport path during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q05A00	GS021 Path error on transport path during Deposit for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q05C00	GS030 Path error on transport path during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q05E00	GS001 Path error on transport path during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q05H00	GS618 Path error on transport path during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Q05J00	GS619 Path error on transport path during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q05M00	GSA01 Path error on transport path during Deposit for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q05N00	GSA02 Path error on transport path during Deposit for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q05P00	GSA03 Path error on transport path during Deposit for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q05Q00	GSD01 Path error on transport path during Deposit for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q05W00	GS802 Path error on transport path during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q06100	GS801 Path error on sensor except for transport path during Deposit for adjustment	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5Q06200	GS002 Path error on sensor except for transport path during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q06300	GS003 Path error on sensor except for transport path during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q06400	GS004 Path error on sensor except for transport path during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Q06500	GS005 Path error on sensor except for transport path during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q06600	GS006 Path error on sensor except for transport path during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q06700	GS014 Path error on sensor except for transport path during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q06800	GS018 Path error on sensor except for transport path during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q06900	GS020 Path error on sensor except for transport path during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q06A00	GS021 Path error on sensor except for transport path during Deposit for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q06C00	GS030 Path error on sensor except for transport path during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q06E00	GS001 Path error on sensor except for transport path during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q06H00	GS618 Path error on sensor except for transport path during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q06J00	GS619 Path error on sensor except for transport path during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Q06M00	GSA01 Path error on sensor except for transport path during Deposit for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q06N00	GSA02 Path error on sensor except for transport path during Deposit for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q06P00	GSA03 Path error on sensor except for transport path during Deposit for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q06Q00	GSD01 Path error on sensor except for transport path during Deposit for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q06W00	GS802 Path error on sensor except for transport path during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q07100	Error occurred by the notes disorder in GS801 during Deposit for adjustment	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5Q07200	Error occurred by the notes disorder in GS002 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q07300	Error occurred by the notes disorder in GS003 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q07400	Error occurred by the notes disorder in GS004 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q07500	Error occurred by the notes disorder in GS005 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Q07600	Error occurred by the notes disorder in GS006 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q07700	Error occurred by the notes disorder in GS014 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q07800	Error occurred by the notes disorder in GS018 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q07900	Error occurred by the notes disorder in GS020 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q07A00	Error occurred by the notes disorder in GS021 during Deposit for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q07C00	Error occurred by the notes disorder in GS030 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q07E00	Error occurred by the notes disorder in GS001 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q07H00	Error occurred by the notes disorder in GS618 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q07J00	Error occurred by the notes disorder in GS619 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q07M00	Error occurred by the notes disorder in GSA01 during Deposit for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Q07N00	Error occurred by the notes disorder in GSA02 during Deposit for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q07P00	Error occurred by the notes disorder in GSA03 during Deposit for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q07Q00	Error occurred by the notes disorder in GSD01 during Deposit for adjustment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q07W00	Error occurred by the notes disorder in GS802 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q0D100	Reject excess error (continue Reject error) during Deposit for adjustment	1. Check the Rejected denomination during Deposit for adjustment(Including denomination which did not set up in the cassette)
5Q0D200	Reject excess error (notes excess error) during Deposit for adjustment	1. Check the Rejected denomination during Deposit for adjustment(Including denomination which did not set up in the cassette)
5Q0D300	Reject excess error (Unappointed notes error) during Deposit for adjustment	1. Check the Rejected denomination during Deposit for adjustment(Including denomination which did not set up in the cassette)
5Q0D400	Reject excess error (Cassette note error) during Deposit for adjustment	1. Check the Rejected denomination during Deposit for adjustment(Including denomination which did not set up in the cassette)
5Q0D500	Reject excess error (2notes) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
5Q0D600	Reject excess error (Gap error(1note)) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
5Q0D700	Reject excess error (Gap error(2notes)) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
5Q0D800	Reject excess error (skew error) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
5Q0D900	Reject excess error (shift error) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution

Problem Code	Problem Description	Troubleshooting
5Q0DA00	Reject excess error (Max length error(1note)) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
5Q0DB00	Reject excess error (Max length error(2notes)) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
5Q0DC00	Reject excess error (Max length error(3notes)) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
5Q0DD00	Reject excess error (Max length error(4notes)) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
5Q0DE00	Reject excess error (Min length error(1note)) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
5Q0DF00	Reject excess error (Min length error(2notes)) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
5Q0DG00	Reject excess error (note error) during Deposit for adjustment	1. Check the Rejected denomination during Deposit for adjustment(Including denomination which did not set up in the cassette)
5Q0DH00	Reject excess error (MR error) during Deposit for adjustment	1. Check the Rejected Notes during Deposit for adjustment(Failure to Notes recognition)
5Q0DJ00	Reject excess error (IR error) during Deposit for adjustment	1. Check the Rejected Notes during Deposit for adjustment(Failure to Notes recognition)
5Q0DK00	Reject excess error (Edge error) during Deposit for adjustment	1. Check the Rejected Notes during Deposit for adjustment(Failure to Notes recognition)
5Q0DL00	Reject excess error (Image error) during Deposit for adjustment	1. Check the Rejected Notes during Deposit for adjustment(Failure to Notes recognition)
5Q0DM00	Reject excess error (UV error) during Deposit for adjustment	1. Check the Rejected Notes during Deposit for adjustment(Failure to Notes recognition)
5Q0DN00	Reject excess error (Sensor error) during Deposit for adjustment	1. Operate to initialize BRM(Recovery)
5Q0DO00	Deposit count disallowed notes reject excess error during Deposit for adjustment	1. Operate to initialize BRM(Recovery)
5Q0DP00	Reject excess error (Communication error) during Deposit for adjustment	1. Operate to initialize BRM(Recovery)
5Q0DQ00	Reject excess error (Full & etc) during Deposit for adjustment	1. Operate to initialize BRM(Recovery)
5Q0DR00	Recognition Fail Error (Recognition test fail) during Deposit for adjustment	1. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5Q0DS00	Recognition Fail Error (No Recognition info) during Deposit for adjustment	1. Operate to initialize BRM(Recovery)
5Q0DT00	Recognition Fail Error (Only STX in Recognition info) during Deposit for adjustment	1. Operate to initialize BRM(Recovery)
5Q0DU00	Recognition Fail Error (Recognition info BCC NG) during Deposit for adjustment	1. Operate to initialize BRM(Recovery)
5Q0DV00	Recognition Fail Error (Recognition info MI NG) during Deposit for adjustment	1. Operate to initialize BRM(Recovery)
5Q0DW00	Recognition Fail Error (Recognition info Index Fail) during Deposit for adjustment	1. Operate to initialize BRM(Recovery)
5Q0DX00	Recognition Fail Error (Info BC Pass Info) during Deposit for adjustment	1. Operate to initialize BRM(Recovery)
5Q0DY00	Recognition Fail Error (Serial Number Data Format error) during Deposit for adjustment	1. Operate to initialize BRM(Recovery)
5Q0F100	GM001 motor doesn't operate at a constant speed when the motor works during Deposit for adjustment	1. Open the upper unit2. Check the Front Transport Path(2) gear rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Check GS804 Sensor Dark/Light Status and Initialize
5Q0F200	GM002 motor doesn't operate at a constant speed when the motor works during Deposit for adjustment	1. Open the upper unit2. Check the TOP Transport(4) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
5Q0F400	GM004 motor doesn't operate at a constant speed when the motor works during Deposit for adjustment	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
5Q0F600	GM006 motor doesn't operate at a constant speed when the motor works during Deposit for adjustment	1. Open the upper unit2. Check the customer service module (CSM 1-1, 1-2) gear and knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
5Q0F700	GM007 motor doesn't operate at a constant speed when the motor works during Deposit for adjustment	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
5Q0F900	GM009 motor doesn't operate at a constant speed when the motor works during Deposit for adjustment	1. Open the Transit Transport, related system point 2. Check the Transit Transport gear, knob rotates softly 3. Check GS019 Sensor Dark/Light Status and Initialize4. Check remained Notes and substance in the Transit Transport5. Initialize
5Q0FA00	GM001 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Deposit for adjustment	1. Open the upper unit2. Check the Front Transport Path(2) gear rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Check GS804 Sensor Dark/Light Status and Initialize
5Q0FB00	GM002 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Deposit for adjustment	1. Open the upper unit2. Check the TOP Transport(4) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
5Q0FC00	GM004 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Deposit for adjustment	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize

Problem Code	Problem Description	Troubleshooting
5Q0FD00	GM006 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Deposit for adjustment	1. Open the upper unit2. Check the customer service module (CSM 1-1, 1-2) gear and knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
5Q0FE00	GM007 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Deposit for adjustment	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check GS017 Sensor Dark/Light Status4. Check remained Notes and substance in the upper Transport Path5. Initialize
5Q0FF00	GM009 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Deposit for adjustment	1. Open the Transit Transport, related system point 2. Check the Transit Transport gear, knob rotates softly 3. Check GS019 Sensor Dark/Light Status4. Check remained Notes and substance in the Transit Transport5. Initialize
5Q0G100	Failure to 3Way Gate 0 degree mode conversion during Deposit for adjustment	1. Open the upper unit2. Open the customer service module(1) and TOP Transport(4)3. Remove notes and substance in the Transport Path and 3way gate4. Check remained Notes and substance in the upper Transport Path5. Initialize
5Q0G200	Failure to 3Way Gate 120 degree mode conversion during Deposit for adjustment	1. Open the upper unit2. Open the customer service module(1) and TOP Transport(4)3. Remove notes and substance in the Transport Path and 3way gate4. Check remained Notes and substance in the upper Transport Path5. Initialize
5Q0GB00	Time Out to 3Way Gate Mode conversion during Deposit for adjustment	1. Open the upper unit2. Open the customer service module(1) and TOP Transport(4)3. Remove notes and substance in the Transport Path and 3way gate4. Check remained Notes and substance in the upper Transport Path5. Initialize
5Q0GC00	Failure to RTRJ Gate RJC Mode conversion during Deposit for adjustment	1. Open the lower unit2. Open MID Transport(7)3. Check remained Notes and substance in the RT/RJC4. Check remained Notes in RT/RJC gate
5Q0GD00	Failure to RTRJ Gate RTC Mode conversion during Deposit for adjustment	1. Open the lower unit2. Open MID Transport(7)3. Check remained Notes and substance in the RT/RJC4. Check remained Notes in RT/RJC gate
5Q0J200	Box full detection error during Deposit for adjustment	1. Open the lower unit2. Open MID Transport(7)3. Check CST inside whether Full or not
5Q0K100	Duplication S/N Error during Deposit for adjustment	1. Check the duplicate note and remove the note.2. Operate to initialize BRM(Recovery)
5Q0N400	Jam Message Receive Error during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q0NA00	Checksum error when notes separate from TSK during Deposit for adjustment	1. Operate to initialize BRM(Recovery)
5Q0NC00	length different from separation part to stack part after transport during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q0NK00	BC recognized notes have no cassette to be stacked during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5Q0NL00	Withdrawal recog info is different from deposit recog info during Deposit for adjustment	1. Check the Deposited Denomination2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization
5Q0NM00	BC note recog info is different from stack cassette note during Deposit for adjustment	1. Check the Deposited Denomination2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization
5Q0Q100	UTC detachment Error during Deposit for adjustment	1. Open the upper unit2. Check GS010 Sensor Dark/Light Status3. Check UTC(6) installation condition
5Q0Q200	TSK detachment Error during Deposit for adjustment	1. Open the upper unit2. Check GS015 Sensor Dark/Light Status3. Check TSK(5) installation condition
5Q0Q300	BMU Inter Lock Error during Deposit for adjustment	1. Check Load/Removal of the upper unit2. Replace a cherry switch when error occurs
5Q0Q400	BMU detackment Error during Deposit for adjustment	1. Check Load/Removal of the upper unit
5Q0Q500	Replenishment CST detachment Error during Deposit for adjustment	1. Check the safe door open
5Q0Q600	CSM detackment Error during Deposit for adjustment	1. Open the upper unit2. Check to open/close CSM3. Check the sensors GS011
5Q0Q800	BMD Inter Lock Error during Deposit for adjustment	1. Check the lower Unit load/removal2. Replace a cherry switch when error occurs
5Q0Q900	BMD detachment Error during Deposit for adjustment	1. Check the lower Unit load/removal
5Q0QA00	BC Open Error during Deposit for adjustment	1. Open the upper unit2. Open the customer service module (CSM)3. Check the lock lever in the BC4. Check GS003 Sensor Dark/Light Status
5Q0QS00	Receive Error Stop CMD during Deposit for adjustment	1. Initialize
5Q0R100	BM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q0R200	BM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q0R300	BM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q0SZ00	Receive undefined command during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q10100	RC1 GS101 Light Jam during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Q10200	RC1 GS102 Light Jam during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q10500	RC1 GS105 Light Jam during Deposit for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(A)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5Q10Z00	RC1 All Light Jam during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5Q11100	RC1 GS101 Dark Jam during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q11200	RC1 GS102 Dark Jam during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q11500	RC1 GS105 Dark Jam during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q11Z00	All RC1 Sensor Dark Jam during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5Q12100	Error occurred by notes remained in RC1 GS101 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q12200	Error occurred by notes remained in RC1 GS102 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q12500	Error occurred by notes remained in RC1 GS105 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q12Z00	Error occurred by notes remained in All RC1 Sensor during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5Q13100	RC1 GS101 Sensor auto calibration error during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Q13200	RC1 GS102 Sensor auto calibration error during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q13500	RC1 GS105 Sensor auto calibration error during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q13Z00	All RC1 Sensor auto calibration error during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5Q14100	RC1 GS101 Extern lights check error during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q14200	RC1 GS102 Extern lights check error during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q14500	RC1 GS105 Extern lights check error during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q14Z00	All RC1 Sensor Extern lights check error during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5Q15100	RC1 GS101 Path error on transport path during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q15200	RC1 GS102 Path error on transport path during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q15500	RC1 GS105 Path error on transport path during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q15Z00	All RC1 Sensor Path error on transport path during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5Q16100	RC1 GS101 Path error on sensor except for transport path during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Q16200	RC1 GS102 Path error on sensor except for transport path during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q16500	RC1 GS105 Path error on sensor except for transport path during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q16Z00	RC1 All Path error on sensor except for transport path during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5Q17100	Error occurred by the notes disorder in RC1 GS101 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q17200	Error occurred by the notes disorder in RC1 GS102 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q17500	Error occurred by the notes disorder in RC1 GS105 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q17Z00	Error occurred by the notes disorder in RC1 All during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5Q1G100	RC1 Failure of returning notes (GS101,GS102 Sensors detect no notes) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q1G200	RC1 Failure to move PP to stack position during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (A)4. Open the recycle cassette door(A) 5. Check cassette status to move stage up and down
5Q1G400	RC1 Failure to upward moving of PP during RC1 stack roller retreat movement during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (A)4. Open the recycle cassette door(A) 5. Check cassette status to move stage up and down
5Q1G500	RC1 Failure to stack roller retreat (GS113 Sensor no change) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Q1G600	RC1 Stack Roller retreat position disorder during RC Separation during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
5Q1G700	RC1 Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS107) no change) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Q1G800	RC1 Failure to move PP to press position (GS108 Sensor Dark Fail) during Deposit for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(A).4. Check the stage status after open the recycle cassette(A).5. Check the upper side of the recycle cassette
5Q1GA00	RC1 Solenoid Echo error during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A) and reload4. Replace the cassette when same error occurs
5Q1GB00	RC1 Feed Roller homeposition Sensor(GS107) Light detect fail during RC Stack during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Q1GC00	RC1 Feed Roller homeposition Sensor(GS107) Dark detect fail during RC Stack during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Q1GD00	RC1 GS101,GS102 Detect notes during move RC Feed Roller to homeposition during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q1GE00	RC1 GS108 detect dark before move RC Feed Roller to homeposition during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note.
5Q1GF00	RC1 Notes Setting error during initialize (GS114, Bottom Sensor(GS112) both dark) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note.
5Q1GG00	RC1 Stack Roller Sensor(GS113) detect light during RC FM Stack during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Q1GH00	RC1 Stack Roller Sensor(GS113) detect dark during RC FM Stack during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Q1GJ00	RC1 Stack Roller retreat fail (Motor Overrun) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Q1GK00	RC1 Stack Roller retreat fail (Motor speed error) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
5Q1GL00	RC1 Feed Roller homeposition fail (Motor speed error) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Q1GQ00	RJC Press and Stack position fail during Deposit for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
5Q1GR00	RJC Stack position fail during Deposit for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
5Q1GS00	RC1 RJC Press position fail during Deposit for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
5Q1GT00	RC1 GS151 fail to detect dark when PP moves down during RJC PP Stack during Deposit for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
5Q1GU00	RC1 GS151 fail to detect light when PP moves down during RJC PP Stack during Deposit for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
5Q1GV00	RC1 GS152 fail to detect dark when PP moves down during RJC PP Stack during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
5Q1GW00	RC1 GS151 fail to detect light when PP moves down during RJC initialize during Deposit for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
5Q1GX00	RC1 GS101 detects notes during RJC initialize during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q1J100	RJC Full during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
5Q1J200	RC1 No Residue during Deposit for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(A).4. Check the notes remain after open the recycle cassette door(A).5. Fill up the Notes if there are no notes
5Q1J300	Full,Bottom no detect before move RC1 PP to stack position during Deposit for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(A).4. Check the stage status after open the recycle cassette(A).5. Check contamination of GS111/GS112 sensor.
5Q1R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5Q1R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q1R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q1R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q1RF00	RC1 Feed Motor response timeout during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q1RP00	RC1 PP response timeout during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q1S200	RC1 Receive undefined command during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q1S300	RC1 Task not for separation receive separation command during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q1SA00	RC1 Sub Task receive undefined command during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q1SR00	RC1 Sub Task for Wait Setting Error during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q20100	RC2 GS201 Light Jam during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q20200	RC2 GS202 Light Jam during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q20500	RC2 GS205 Light Jam during Deposit for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(B)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5Q20Z00	RC2 All Light Jam during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5Q21100	RC2 GS201 Dark Jam during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Q21200	RC2 GS202 Dark Jam during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q21500	RC2 GS205 Dark Jam during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q21Z00	RC2 All Dark Jam during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5Q22100	Error occurred by notes remained in RC2 GS201 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q22200	Error occurred by notes remained in RC2 GS202 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q22500	Error occurred by notes remained in RC2 GS205 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q22Z00	Error occurred by notes remained in RC2 All Sensor during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5Q23100	Sensor auto calibration error in RC2 GS201 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q23200	Sensor auto calibration error in RC2 GS202 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q23500	Sensor auto calibration error in RC2 GS205 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q23Z00	Sensor auto calibration error in RC2 All Sensor during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5Q24100	Extern lights check error in RC2 GS201 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Q24200	Extern lights check error in RC2 GS202 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q24500	Extern lights check error in RC2 GS205 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q24Z00	Extern lights check error in RC2 All Sensor during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5Q25100	Path error on transport path in RC2 GS201 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q25200	Path error on transport path in RC2 GS202 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q25500	Path error on transport path in RC2 GS205 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q25Z00	Path error on transport path in RC2 All Sensor during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5Q26100	Path error on sensor except for transport path in RC2 GS201 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q26200	Path error on sensor except for transport path in RC2 GS202 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q26500	Path error on sensor except for transport path in RC2 GS205 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q26Z00	Path error on sensor except for transport path in RC2 All during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5Q27100	Error occurred by the notes disorder in RC2 GS201 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Q27200	Error occurred by the notes disorder in RC2 GS202 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q27500	Error occurred by the notes disorder in RC2 GS205 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q27Z00	Error occurred by the notes disorder in RC2 All during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5Q2G100	RC2 Failure of returning notes (GS201,GS202 Sensors detect no notes) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q2G200	RC2 Failure to move PP to stack position during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (B)4. Open the recycle cassette door (B)5. Check cassette status to move stage up and down
5Q2G400	RC2 Failure to upward moving of PP during RC2 stack roller retreat movement during Deposit for adjustment	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(B) . 4. Open the recycle cassette door(B).5. Check cassette status to move stage up and down.
5Q2G500	RC2 Failure to stack roller retreat (GS213 Sensor no change) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Q2G600	RC2 Stack Roller retreat position disorder during RC Separation during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Q2G700	RC2 Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS207) no change) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Q2G800	RC2 Failure to move PP to press position (GS208 Sensor Dark Fail) during Deposit for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(B).4. Check the stage status after open the recycle cassette(B).5. Check the upper side of the recycle cassette
5Q2GA00	RC2 Solenoid Echo error during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (B) after removing recycle cassette4. Replace the cassette when same error occurs
5Q2GB00	RC2 Feed Roller homeposition Sensor(GS207) Light detect fail during RC Stack during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
5Q2GC00	RC2 Feed Roller homeposition Sensor(GS207) Dark detect fail during RC Stack during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Q2GD00	RC2 GS201,GS202 Detect notes during move RC Feed Roller to homeposition during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q2GE00	RC2 GS208 detect dark before move RC Feed Roller to homeposition during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note.
5Q2GF00	RC2 Notes Setting error during initialize (GS214, Bottom Sensor(GS212) both dark) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note.
5Q2GG00	RC2 Stack Roller Sensor(GS213) detect light during RC FM Stack during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Q2GH00	RC2 Stack Roller Sensor(GS213) detect dark during RC FM Stack during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Q2GJ00	RC2 Stack Roller retreat fail (Motor Overrun) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Q2GK00	RC2 Stack Roller retreat fail (Motor speed error) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Q2GL00	RC2 Feed Roller homeposition fail (Motor speed error) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Q2J200	RC2 No Residue during Deposit for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(B).4. Check the notes remain after open the recycle cassette door(B).5. Fill up the Notes if there are no notes
5Q2J300	RC2 Full,Bottom no detect before move RC PP to stack position during Deposit for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(B).4. Check the stage status after open the recycle cassette(B).5. Check contamination of GS211/GS212 sensor.
5Q2R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5Q2R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q2R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q2R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q2RF00	RC2 Feed Motor response timeout during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q2RP00	RC2 PP response timeout during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q2S200	RC2 Receive undefined command during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q2S300	RC2 Task not for separation receive separation command during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q2SA00	RC2 Sub Task receive undefined command during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q2SR00	RC2 Sub Task for Wait Setting Error during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q30100	RC3 GS301 Light Jam during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q30200	RC3 GS302 Light Jam during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q30500	RC3 GS305 Light Jam during Deposit for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(C)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5Q30Z00	RC3 All Light Jam during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5Q31100	RC3 GS301 Dark Jam during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Q31200	RC3 GS302 Dark Jam during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q31500	RC3 GS305 Dark Jam during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q31Z00	RC3 All Dark Jam during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5Q32100	Error occurred by notes remained in RC3 GS301 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q32200	Error occurred by notes remained in RC3 GS302 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q32500	Error occurred by notes remained in RC3 GS305 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q32Z00	Error occurred by notes remained in RC3 All during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5Q33100	Sensor auto calibration error in RC3 GS301 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q33200	Sensor auto calibration error in RC3 GS302 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q33500	Sensor auto calibration error in RC3 GS305 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q33Z00	Sensor auto calibration error in RC3 All during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5Q34100	Extern lights check error in RC3 GS301 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Q34200	Extern lights check error in RC3 GS302 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q34500	Extern lights check error in RC3 GS305 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q34Z00	Extern lights check error in RC3 All during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5Q35100	Path error on transport path in RC3 GS301 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q35200	Path error on transport path in RC3 GS302 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q35500	Path error on transport path in RC3 GS305 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q35Z00	Path error on transport path in RC3 All during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5Q36100	Path error on sensor except for transport path in RC3 GS301 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q36200	Path error on sensor except for transport path in RC3 GS302 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q36500	Path error on sensor except for transport path in RC3 GS305 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q36Z00	Path error on sensor except for transport path in RC3 All during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5Q37100	Error occurred by the notes disorder in RC3 GS301 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Q37200	Error occurred by the notes disorder in RC3 GS302 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q37500	Error occurred by the notes disorder in RC3 GS305 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q37Z00	Error occurred by the notes disorder in RC3 All during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5Q3G100	RC3 Failure of returning notes (GS301,GS302 Sensors detect no notes) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q3G200	RC3 Failure to move PP to stack position during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (C)4. Open the recycle cassette door (C)5. Check cassette status to move stage up and down
5Q3G400	RC3 Failure to upward moving of PP during RC3 stack roller retreat movement during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (C)4. Open the recycle cassette door (C)5. Check cassette status to move stage up and down
5Q3G500	RC3 Failure to stack roller retreat (GS313 Sensor no change) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Q3G600	RC3 Stack Roller retreat position disorder during RC Separation during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Q3G700	RC3 RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS307) no change) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Q3G800	RC3 Failure to move PP to press position (GS308 Sensor Dark Fail) during Deposit for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(C).4. Check the stage status after open the recycle cassette(C).5. Check the upper side of the recycle cassette
5Q3GA00	RC3 RC Solenoid Echo error during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (C) after removing recycle cassette4. Replace the cassette when same error occurs
5Q3GB00	RC3 Feed Roller homeposition Sensor(GS307) Light detect fail during RC Stack during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
5Q3GC00	RC3 Feed Roller homeposition Sensor(GS307) Dark detect fail during RC Stack during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Q3GD00	RC3 GS301,GS302 Detect notes during move RC Feed Roller to homeposition during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q3GE00	RC3 GS308 detect dark before move RC Feed Roller to homeposition during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note.
5Q3GF00	RC3 Notes Setting error during initialize (GS314, Bottom Sensor(GS312) both dark) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note.
5Q3GG00	RC3 Stack Roller Sensor(GS313) detect light during RC FM Stack during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Q3GH00	RC3 Stack Roller Sensor(GS313) detect dark during RC FM Stack during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Q3GJ00	RC3 RC Stack Roller retreat fail (Motor Overrun) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Q3GK00	RC3 RC Stack Roller retreat fail (Motor speed error) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Q3GL00	RC3 RC Feed Roller homeposition fail (Motor speed error) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Q3J200	RC3 No Residue during Deposit for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(C).4. Check the notes remain after open the recycle cassette door(C).5. Fill up the Notes if there are no notes
5Q3J300	RC3 Full,Bottom no detect before move RC PP to stack position during Deposit for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(C).4. Check the stage status after open the recycle cassette(C).5. Check contamination of GS311/GS312 sensor.

Problem Code	Problem Description	Troubleshooting
5Q3L100	Remaining notes stack process error in RC3 GS301 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q3L200	Remaining notes stack process error in RC3 GS302 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q3L500	Remaining notes stack process error in RC3 GS305 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q3R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q3R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q3R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q3R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q3RF00	RC3 Feed Motor response timeout during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q3RP00	RC3 PP response timeout during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q3S200	RC3 Receive undefined command during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q3S300	RC3 RC Task not for separation receive separation command during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q3SA00	RC3 RC Sub Task receive undefined command during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q3SR00	RC3 Sub Task for Wait Setting Error during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q40100	RC4 GS401 Light Jam during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Q40200	RC4 GS402 Light Jam during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q40500	RC4 GS405 Light Jam during Deposit for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(D)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5Q40Z00	RC4 All Sensor Light Jam during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5Q41100	RC4 GS401 Dark Jam during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q41200	RC4 GS402 Dark Jam during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q41500	RC4 GS405 Dark Jam during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q41Z00	RC4 All Sensor Dark Jam during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5Q42100	Error occurred by notes remained in RC4 GS401 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q42200	Error occurred by notes remained in RC4 GS402 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q42500	Error occurred by notes remained in RC4 GS405 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q42Z00	Error occurred by notes remained in RC4 All during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5Q43100	Sensor auto calibration error in RC4 GS401 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Q43200	Sensor auto calibration error in RC4 GS402 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q43500	Sensor auto calibration error in RC4 GS405 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q43Z00	Sensor auto calibration error in RC4 All during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5Q44100	Extern lights check error in RC4 GS401 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q44200	Extern lights check error in RC4 GS402 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q44500	Extern lights check error in RC4 GS405 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q44Z00	Extern lights check error in RC4 All during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5Q45100	Path error on transport path in RC4 GS401 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q45200	Path error on transport path in RC4 GS402 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q45500	Path error on transport path in RC4 GS405 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q45Z00	Path error on transport path in RC4 All during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5Q46100	Path error on sensor except for transport path in RC4 GS401 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Q46200	Path error on sensor except for transport path in RC4 GS402 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q46500	Path error on sensor except for transport path in RC4 GS405 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q46Z00	Path error on sensor except for transport path in RC4 All during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5Q47100	Error occurred by the notes disorder in RC4 GS401 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q47200	Error occurred by the notes disorder in RC4 GS402 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q47500	Error occurred by the notes disorder in RC4 GS405 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q47Z00	Error occurred by the notes disorder in RC4 All during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5Q4G100	RC4 Failure of returning notes (GS401,GS402 Sensors detect no notes) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q4G200	RC4 Failure to move PP to stack position during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (D)4. Open the recycle cassette door (D)5. Check cassette status to move stage up and down
5Q4G400	RC4 Failure to upward moving of PP during RC4 stack roller retreat movement during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (D)4. Open the recycle cassette door (D)5. Check cassette status to move stage up and down
5Q4G500	RC4 Failure to stack roller retreat (GS413 Sensor no change) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Q4G600	RC4 Stack Roller retreat position disorder during RC Separation during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
5Q4G700	RC4 RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS407) no change) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Q4G800	RC4 Failure to move PP to press position (GS408 Sensor Dark Fail) during Deposit for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(D).4. Check the stage status after open the recycle cassette(D).5. Check the upper side of the recycle cassette
5Q4GA00	RC4 RC Solenoid Echo error during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (D) after removing recycle cassette4. Replace the cassette when same error occurs
5Q4GB00	RC4 Feed Roller homeposition Sensor(GS407) Light detect fail during RC Stack during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Q4GC00	RC4 Feed Roller homeposition Sensor(GS407) Dark detect fail during RC Stack during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Q4GD00	RC4 GS401,GS402 Detect notes during move RC Feed Roller to homeposition during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q4GE00	RC4 GS408 detect dark before move RC Feed Roller to homeposition during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note.
5Q4GF00	RC4 Notes Setting error during initialize (GS414, Bottom Sensor(GS412) both dark) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note.
5Q4GG00	RC4 Stack Roller Sensor(GS413) detect light during RC FM Stack during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Q4GH00	RC4 Stack Roller Sensor(GS413) detect dark during RC FM Stack during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Q4GJ00	RC4 RC Stack Roller retreat fail (Motor Overrun) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Q4GK00	RC4 RC Stack Roller retreat fail (Motor speed error) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
5Q4GL00	RC4 RC Feed Roller homeposition fail (Motor speed error) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Q4J200	RC4 No Residue during Deposit for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(D).4. Check the notes remain after open the recycle cassette door(D)5. Fill up the Notes if there are no notes
5Q4J300	RC4 Full, Bottom no detect before move RC PP to stack position	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(D).4. Check the stage status after open the recycle cassette(D).5. Check contamination of GS411/GS412 sensor.
5Q4L100	Remaining notes stack process error in RC4 GS401 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q4L200	Remaining notes stack process error in RC4 GS402 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q4L500	Remaining notes stack process error in RC4 GS405 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q4R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q4R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q4R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q4R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q4RF00	RC4 Feed Motor response timeout during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q4RP00	RC4 PP response timeout during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q4S200	RC4 Receive undefined command during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5Q4S300	RC4 RC Task not for separation receive separation command during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q4SA00	RC4 RC Sub Task receive undefined command during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q4SR00	RC4 Sub Task for Wait Setting Error during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q50100	RC5 GS501 Light Jam during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q50200	RC5 GS502 Light Jam during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q50500	RC5 GS505 Light Jam during Deposit for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(E)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5Q50Z00	RC5 All Light Jam during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5Q51100	RC5 GS501 Dark Jam during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q51200	RC5 GS502 Dark Jam during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q51500	RC5 GS505 Dark Jam during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q51Z00	RC5 All Dark Jam during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5Q52100	Error occurred by notes remained in RC5 GS501 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q52200	Error occurred by notes remained in RC5 GS502 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Q52500	Error occurred by notes remained in RC5 GS505 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q52Z00	Error occurred by notes remained in RC5 All during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5Q53100	Sensor auto calibration error in RC5 GS501 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q53200	Sensor auto calibration error in RC5 GS502 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q53500	Sensor auto calibration error in RC5 GS505 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q53Z00	Sensor auto calibration error in RC5 All during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5Q54100	Extern lights check error in RC5 GS501 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q54200	Extern lights check error in RC5 GS502 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q54500	Extern lights check error in RC5 GS505 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q54Z00	Extern lights check error in RC5 All during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5Q55100	Path error on transport path in RC5 GS501 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q55200	Path error on transport path in RC5 GS502 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Q55500	Path error on transport path in RC5 GS505 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q55Z00	Path error on transport path in RC5 All during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5Q56100	Path error on sensor except for transport path in RC5 GS501 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q56200	Path error on sensor except for transport path in RC5 GS502 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q56500	Path error on sensor except for transport path in RC5 GS505 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q56Z00	Path error on sensor except for transport path in RC5 All during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5Q57100	Error occurred by the notes disorder in RC5 GS501 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q57200	Error occurred by the notes disorder in RC5 GS502 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q57500	Error occurred by the notes disorder in RC5 GS505 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q57Z00	Error occurred by the notes disorder in RC5 All during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5Q5G100	RC5 Failure of returning notes (GS501,GS502 Sensors detect no notes) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q5G200	RC5 Failure to move PP to stack position during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (E)4. Open the recycle cassette door (E)5. Check cassette status to move stage up and down

Problem Code	Problem Description	Troubleshooting
5Q5G400	RC5 Failure to upword moving of PP during RC5 stack roller retreat movement during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (E)4. Open the recycle cassette door (E)5. Check cassette status to move stage up and down
5Q5G500	RC5 Failure to stack roller retreat (GS513 Sensor no change) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Q5G600	RC5 Stack Roller retreat position disorder during RC Separation during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Q5G700	RC5 Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS507) no change) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Q5G800	RC5 Failure to move PP to press position (GS508 Sensor Dark Fail) during Deposit for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(E).4. Check the stage status after open the recycle cassette(E).5. Check the upper side of the recycle cassette
5Q5GA00	RC5 Solenoid Echo error during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (E) after removing recycle cassette4. Replace the cassette when same error occurs
5Q5GB00	RC5 Feed Roller homeposition Sensor(GS507) Light detect fail during RC Stack during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Q5GC00	RC5 Feed Roller homeposition Sensor(GS507) Dark detect fail during RC Stack during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Q5GD00	RC5 GS501,GS502 Detect notes during move RC Feed Roller to homeposition during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q5GE00	RC5 GS508 detect dark before move RC Feed Roller to homeposition during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note.
5Q5GF00	RC5 Notes Setting error during initialize (GS514, Bottom Sensor(GS512) both dark) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note.
5Q5GG00	RC5 Stack Roller Sensor(GS513) detect light during RC FM Stack during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
5Q5GH00	RC5 Stack Roller Sensor(GS513) detect dark during RC FM Stack during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Q5GJ00	RC5 Stack Roller retreat fail (Motor Overrun) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Q5GK00	RC5 Stack Roller retreat fail (Motor speed error) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Q5GL00	RC5 Feed Roller homeposition fail (Motor speed error) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Q5J200	RC5 No Residue during Deposit for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(E).4. Check the notes remain after open the recycle cassette door(E).5. Fill up the Notes if there are no notes
5Q5J300	RC5 Full,Bottom no detect before move RC PP to stack position during Deposit for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(E).4. Check the stage status after open the recycle cassette(E).5. Check contamination of GS511/GS512 sensor.
5Q5L100	Remaining notes stack process error in RC5 GS501 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q5L200	Remaining notes stack process error in RC5 GS502 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q5L500	Remaining notes stack process error in RC5 GS505 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Q5R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q5R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q5R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5Q5R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q5RF00	RC5 Feed Motor response timeout during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q5RP00	RC5 PP response timeout during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q5S200	RC5 Receive undefined command during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q5S300	RC5 Task not for separation receive separation command during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q5SA00	RC5 Sub Task receive undefined command during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q5SR00	RC5 Sub Task for Wait Setting Error during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q61H00	GS618/619 Dark Jam error during Deposit for adjustment.	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q62100	CSM Residue Error during Deposit for adjustment	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5Q62300	CSM insert notes excess Error during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Check inserting notes into the CSM are over 300 counts at one time3. If BRM does not recovery open the outer/inner Shutter of CSM3.Remove notes and substance in the CSM(1)
5Q62500	CSM notes disappear Error during Deposit for adjustment	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5Q62600	CSM notes appear Error during Deposit for adjustment	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5Q62Z00	CSM Residue Error during during Deposit for adjustment	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5Q6G100	Fail to move CSM BP to Stack Position during Deposit for adjustment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly

Problem Code	Problem Description	Troubleshooting
5Q6G200	Fail to move CSM BP to Deposit Position during Deposit for adjustment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
5Q6G300	Fail to move CSM BP to Separation Position during Deposit for adjustment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
5Q6G500	Fail to move CSM BP to Note-Out Position during Deposit for adjustment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
5Q6G600	Fail to move CSM P-Roller to Home position during Deposit for adjustment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
5Q6G800	Fail to CSM return notes during Deposit for adjustment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
5Q6G900	CSM GM601 Step out during Deposit for adjustment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
5Q6GA00	Fail to move CSM BP to return note Position during Deposit for adjustment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
5Q6GB00	Fail to move CSM FP to Deposit Position during Deposit for adjustment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Press and release FP check the FP rotate smoothly5. Check GS652 status(Dark & Light)
5Q6GF00	Fail to move CSM G-Roller to Homeposition during Deposit for adjustment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
5Q6GG00	Fail to move both CSM P/G-Roller to Homeposition during Deposit for adjustment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
5Q6M200	CSM Inner Shutter Open Error during Deposit for adjustment	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
5Q6M300	CSM Inner Shutter Close Error during Deposit for adjustment	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
5Q6M400	CSM Outer Shutter Open Error during Deposit for adjustment	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light

Problem Code	Problem Description	Troubleshooting
5Q6M500	CSM Outer Shutter Close Error during Deposit for adjustment	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
5Q6M600	CSM Outer Shutter is Opened during Deposit for adjustment	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
5Q6M700	CSM Inner Shutter Open during Stack during Deposit for adjustment	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
5Q6M800	CSM Stopper Home position Fail during Deposit for adjustment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move PP Front5. Move Bill Stopper forward/backward and check GS668 sensor status6. Initialize
5Q6M900	CSM Stopper Stack position Fail during Deposit for adjustment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move PP Front5. Move Bill Stopper forward/backward and check GS668 sensor status6. Initialize
5Q6MB00	CSM Bill Supporter Up position Fail during Deposit for adjustment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Check the failure and breakage of Bill Lifter/Support5. Initialize
5Q6MC00	CSM Bill Supporter Down position Fail during Deposit for adjustment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Check the failure and breakage of Bill Lifter/Support5. Initialize
5Q6P100	CSM PP Withdrawal(Stack) position Fail during Deposit for adjustment	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5Q6P200	CSM PP Deposit position Fail during Deposit for adjustment	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5Q6P300	CSM PP Separation position Fail during Deposit for adjustment	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5Q6P400	CSM PP collect lost notes position Fail during Deposit for adjustment	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize

Problem Code	Problem Description	Troubleshooting
5Q6P500	CSM PP Note-out position Fail during Deposit for adjustment	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5Q6P600	CSM PP Note-arrange position Fail during Deposit for adjustment	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5Q6P800	CSM PP Control Stack Fail during Deposit for adjustment	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5Q6P900	CSM PP Return note position Fail during Deposit for adjustment	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5Q6PD00	CSM PP Check semi-note Fail during Deposit for adjustment	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5Q6PE00	CSM PP Bill SuCSM PPorter Up position Fail during Deposit for adjustment	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5Q6R100	CSM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q6R200	CSM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q6R300	CSM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q6R600	CSM response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q6RB00	CSM BP response timeout during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5Q6RF00	CSM Feed Motor response timeout during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q6RL00	CSM Lift response timeout during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q6RP00	CSM PP response timeout during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q6RR00	CSM Bill supporter response timeout during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q6RS00	CSM Inner Shutter response timeout during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q6RT00	CSM Stopper response timeout during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q6SA00	CSM Receive undefined command during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q6SR00	CSM Sub Task for Wait Setting Error during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q70100	TSK GS701 Light Jam during Deposit for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Q70200	TSK GS702 Light Jam during Deposit for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Q70300	TSK GS703,4 Light Jam during Deposit for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Q70900	GS020 Light Jam error during Deposit for adjustmentl(TSK motor Step out)	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Q70Z00	TSK All Light Jam during Deposit for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Q71100	TSK GS701 Dark Jam during Deposit for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Q71200	TSK GS702 Dark Jam during Deposit for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)

Problem Code	Problem Description	Troubleshooting
5Q71300	TSK GS703,4 Dark Jam during Deposit for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Q71Z00	TSK All Dark Jam during Deposit for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Q72100	Error occurred by notes remained in TSK GS701 during Deposit for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Q72200	Error occurred by notes remained in TSK GS702 during Deposit for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Q72300	Error occurred by notes remained in TSK GS703,4 during Deposit for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Q72Z00	Error occurred by notes remained in TSK All Sensor during Deposit for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Q77100	Error occurred by the notes disorder in TSK GS701 during Deposit for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Q77200	Error occurred by the notes disorder in TSK GS702 during Deposit for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Q77300	Error occurred by the notes disorder in TSK GS703,4 during Deposit for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Q77Z00	Error occurred by the notes disorder in TSK All during Deposit for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Q7B200	Note detected in TSK Entry After Separate Ready during Deposit for adjustment	1. Open the upper unit2. Open the TSK(Temporary StackKer) (5)3. Remove notes and substance on the PATH(4)
5Q7B300	TSK GM701 motor status change failed(Timeout exceeded) during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q7C100	TSK Miss-pickup during separation during Deposit for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) 4. If the same symptoms occur frequently, change the P-roller rubber
5Q7C200	TSK Last note unclear during separation during Deposit for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) 4. Close the upper unit5. Initialize
5Q7C300	TSK Last note No front detect during separataion during Deposit for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)

Problem Code	Problem Description	Troubleshooting
5Q7C400	TSK Last note No rear detect during separation during Deposit for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Q7C500	TSK Max Length NG occur 10 times Dark Jam during Deposit for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) 4. If the same symptoms occur frequently, change the TSK(5)
5Q7C600	TSK Max length note stucked in entry Light Jam during Deposit for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Q7C700	TSK Light Jam Retry Over Error during Deposit for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Q7C800	TSK Max length note go out from TSK during motor stop and stucked in BM during Deposit for adjustment	1. Open the upper unit2. Open the TSK(Temporary StackKer) (5)3. Remove notes and substance on the PATH(4)
5Q7C900	TSK Low speed control 30 times over Error during Deposit for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) 4. If the same symptoms occur frequently, change the TSK(5)
5Q7CA00	TSK Incounted note is not Outcounted for 500ms during Deposit for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Q7F100	TSK GM701 stepout during separation during Deposit for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5) 6. Rotate the knob of TSK(5) to find obstruction out
5Q7F300	TSK GM701 F-Roller Homeposition fail during Deposit for adjustment	1. Open the upper unit2. Open the TM(Test Module)3. Rotate the knob of TSK to check sensor(GS752) change 4. Rotate the knob of TSK(5) to find obstruction out
5Q7G100	GM701 Return notes fail during Deposit for adjustment	1. Open the upper unit2. Confirm to Rotate a knob of TSK(5) softly
5Q7J100	TSK Full during Deposit for adjustment	1. Open the upper unit2. Open the TSK(5)3. Check the notes remain in the TSK(5)4. Remove notes remain in the TSK
5Q7J200	TSK Empty during ready separation during Deposit for adjustment	1. Open the upper unit2. Check the notes remain in the TSK(5)3. Check the GS701/GS702/GS706/GS707 Sensor4. Remove notes remain in the TSK
5Q7L100	Remaining notes stack process error in TSK GS701 during Deposit for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Q7L200	Remaining notes stack process error in TSK GS702 during Deposit for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Q7L300	Remaining notes stack process error in TSK GS703,4 during Deposit for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)

Problem Code	Problem Description	Troubleshooting
5Q7LZ00	Remaining notes stack process error in TSK All during Deposit for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Q7M100	TSK Stopper Home position for intialize fail during Deposit for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if stopper was obstructed
5Q7M200	TSK Stopper Stack position for intialize fail during Deposit for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if stopper was obstructed
5Q7M300	TSK Stopper Return note position for intialize fail during Deposit for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if stopper was obstructed
5Q7M400	TSK Stopper Lock FP Fail during Deposit for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if FP(Front Plate) was obstructed
5Q7M500	TSK Stopper Unlock FP Fail during Deposit for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if FP(Front Plate) was obstructed
5Q7P100	FP Sensor detect Dark Fail during Deposit for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if PP(Push Plate) was obstructed to rotate PP knob4. Check if FP(Front Plate) was obstructed to rotate
5Q7P200	FP Sensor detect Light Fail during Deposit for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if PP(Push Plate) was obstructed to rotate PP knob4. Check if FP(Front Plate) was obstructed to rotate
5Q7P300	PP Press position fail during Deposit for adjustment	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if PP(Push Plate) was obstructed to rotate PP knob
5Q7Q700	TSK Door Open during operation in Deposit for adjustment	1. Close the door of TSK(5)
5Q7R100	TSK response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q7R200	TSK response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q7R300	TSK response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q7R600	TSK response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q7RF00	TSK Feed Motor response timeout in Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q7RP00	TSK PP response timeout in Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q7RT00	TSK Stopper response timeout in Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5Q7S200	TSK Receive undefined command in Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q7SR00	TSK Sub Task for Wait Setting Error in Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q8HA01	GS801A Sensor Error during Deposit for adjustment	1. Check GS801A2. Operate to initialize BRM(Recovery)
5Q8HA02	GS801B Sensor Error during Deposit for adjustment	1. Check GS801B2. Operate to initialize BRM(Recovery)
5Q8HA03	GS801A, GS801B Sensor Error during Deposit for adjustment	1. Check GS801A, GS801B2. Operate to initialize BRM(Recovery)
5Q8HA04	GS802A Sensor Error during Deposit for adjustment	1. Check GS802A2. Operate to initialize BRM(Recovery)
5Q8HA05	GS801A, GS802A Sensor Error during Deposit for adjustment	1. Check GS801A, GS802A2. Operate to initialize BRM(Recovery)
5Q8HA06	GS801B, GS802A Sensor Error during Deposit for adjustment	1. Check GS801B, GS802A2. Operate to initialize BRM(Recovery)
5Q8HA07	GS801A, GS801B, GS802A Sensor Error during Deposit for adjustment	1. Check GS801A, GS801B, GS802A2. Operate to initialize BRM(Recovery)
5Q8HA08	GS802B Sensor Error during Deposit for adjustment	1. Check GS802B2. Operate to initialize BRM(Recovery)
5Q8HA09	GS801A, GS802B Sensor Error during Deposit for adjustment	1. Check GS801A, GS802B2. Operate to initialize BRM(Recovery)
5Q8HA10	GS801B, GS802B Sensor Error during Deposit for adjustment	1. Check GS801B, GS802B2. Operate to initialize BRM(Recovery)
5Q8HA11	GS801A, GS801B, GS802B Sensor Error during Deposit for adjustment	1. Check GS801A, GS801B, GS802B2. Operate to initialize BRM(Recovery)
5Q8HA12	GS802A, GS802B Sensor Error during Deposit for adjustment	1. Check GS802A, GS802B2. Operate to initialize BRM(Recovery)
5Q8HA13	GS801A, GS802A, GS802B Sensor Error during Deposit for adjustment	1. Check GS801A, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5Q8HA14	GS801B, GS802A, GS802B Sensor Error during Deposit for adjustment	1. Check GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5Q8HA15	GS801A, GS801B, GS802A, GS802B Sensor Error during Deposit for adjustment	1. Check GS801A, GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5Q8HB01	MR Sensor Level Error during Deposit for adjustment	1. Check MR Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5Q8HC02	UV_01 Sensor Level Error during Deposit for adjustment	1. Check UV Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5Q8HF03	CIS Shading data loading Fail during Deposit for adjustment	1. Operate shading in the BC CIS2. Operate to initialize BRM(Recovery)
5Q8HF04	Detection DB Table loading Fail during Deposit for adjustment	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5Q8HF05	BC FPGA Data checksum Fail during Deposit for adjustment	1. Check to BC FPGA File2. Operate to initialize BRM(Recovery)
5Q8HF06	BC FPGA Configuration Fail during Deposit for adjustment	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5Q8HF07	BC FPGA Header Information Loading Fail during Deposit for adjustment	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5Q8HF08	BC FPGA Initialize Fail during Deposit for adjustment	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5Q8HF09	BC FPGA VERSION Fail during Deposit for adjustment	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5Q8HF11	Detection DB #01 loading Fail during Deposit for adjustment	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5Q8HF12	Detection DB #02 loading Fail during Deposit for adjustment	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5Q8HF13	Detection DB #03 loading Fail during Deposit for adjustment	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5Q8HF14	Detection DB #04 loading Fail during Deposit for adjustment	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5Q8HF15	Detection DB #05 loading Fail during Deposit for adjustment	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5Q8HF16	Detection DB #06 loading Fail during Deposit for adjustment	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5Q8HF17	Detection DB #07 loading Fail during Deposit for adjustment	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5Q8HF18	Detection DB #08 loading Fail during Deposit for adjustment	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5Q8HF19	Detection DB #09 loading Fail during Deposit for adjustment	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5Q8HF20	Detection DB #10 loading Fail during Deposit for adjustment	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5Q8HG01	Mode Set Error When Receive BC MODE Command (Mode Value is not 1 or 2 ) during Deposit for adjustment	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Q8HG02	Detection Level Set Error When Receive BC MODE Command (Detection Level Value is 0 ) during Deposit for adjustment	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Q8HG03	BC Transaction Ready Fail When Receive BC READY Command during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5Q8HG04	Mode Set Error When Receive BC READY Command (Mode Value is not 1 or 2 ) during Deposit for adjustment	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Q8HG05	Detection Level Set Error When Receive BC READY Command (Detection Level Value is 0 ) during Deposit for adjustment	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5Q8HG06	BC Entry Direction Set Error When Receive BC READY Command (Not Deposit-Withdrawal/Stack Direction ) during Deposit for adjustment	1. Check BC putting direction.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Q8HG07	Receive BC Unknown Command during Deposit for adjustment	1. Check BC reception full command.1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization.
5Q8HG08	The Number of Nations Set Error When Receive BC DATA WRITE Command (Over 0, 10) during Deposit for adjustment	1. Check the number of supported country.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Q8HG09	Nation Code Set Error When Receive BC DATA WRITE Command during Deposit for adjustment	1. Check the supported country code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Q8HG10	Detection DB of the Nation is not exist When Receive BC DATA WRITE Command during Deposit for adjustment	1. Check the BC recognition DB of country.2. Download DB again after deleting all recognition DB3. Operate to initialize BRM(Recovery)4. Reboot the system when same error occurred after initialization.
5Q8HG11	No Nation Code When Receive BC READY Command during Deposit for adjustment	1. Check the country setting value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Q8HG12	BC Version Value Set Error When Receive BC DATA WRITE Command (Not BC FPGA) during Deposit for adjustment	1. Check the BC specifications devision and BC FPGA specifications.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initializatio
5Q8HG20	Fail to Initialize CIS When Receive BC READY Command during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Check CIS part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5Q8HG21	Fail to ENCODER POWER ON When Receive BC READY Command during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5Q8HG22	Fail to adjust DD Sensor DAC When Receive BC READY Command during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Check whether the sensor is contaminated or not if same error occurs after Initialize3. Reboot the system when same error occurs even though there is no substance.
5Q8HG23	DD Sensor DAC Set Error When Receive BC READY Command during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Check DD sensor part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5Q8HG24	ENCODER Mode Set Error When Receive BC READY Command during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance
5Q8HG30	Counterfeit Note List CRC Error When Receive BC SERIAL NO Command during Deposit for adjustment	1. Check the forged notes list CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Q8HG31	Not Receive The Number of Counterfeit Note Lists and CRC When Receive BC SERIAL NO Command during Deposit for adjustment	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5Q8HG32	Over The Number of Counterfeit Note Lists When Receive BC SERIAL NO Command (Over 200) during Deposit for adjustment	1. Check the whole number of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Q8HG33	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Nation Code 0) during Deposit for adjustment	1. Check the country code of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Q8HG34	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Length Over 2~29) during Deposit for adjustment	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Q8HG36	Note Number Detection Mode Set Error When Receive BC MODE Command (Mode Value is Not 0, 1, 2) during Deposit for adjustment	1. Check to the recognized mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Q8HG37	Transaction Classification Set Error When Receive BC MODE Command (Classification Value is Not 0, 1, 2) during Deposit for adjustment	1. Check to the transaction setting.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Q8HG38	Counterfeit Note List Search Classification Set Error When Receive BC SERIAL NO Command <b>위조지폐 목록 검색 구분 설정 오류</b> (Classification Value is Not 1, 2, 3) during Deposit for adjustment	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Q8HG39	Counterfeit Note List Note Number Set Error When Receive BC SERIAL NO Command (Use '*' When Search Note Number Part) during Deposit for adjustment	1. Check the forged notes list's note numbers.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Q8HG3A	BC MODE SET Bill Management Level Set Error (Over 1~5) during Deposit for adjustment	1. Check check management mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Q8HG3B	Over The Number of BC MODE SET Back Codes (Over 15) during Deposit for adjustment	1. Check the number of check issued by our bank code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Q8HG40	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use End Number at First When Search Note Number Part) during Deposit for adjustment	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Q8HG41	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use Start Number at Last When Search Note Number Part) during Deposit for adjustment	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Q8HG42	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Wrong Start/End Number Order When Search Note Number Part) during Deposit for adjustment	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Q8HG43	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Use Wrong Length Value When Search Note Number Part) during Deposit for adjustment	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Q8HG44	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Use Wrong Nation Code When Search Note Number Part) during Deposit for adjustment	1. Check the forged notes list's country-code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5Q8HG45	Not Receive The Number of Bill Number Tables and CRC When Receive Check No Write Command during Deposit for adjustment	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Q8HG46	Bill Number Error When Receive Check No Write Command during Deposit for adjustment	1. Check the check number when registering check number.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Q8HG47	Bill Number Table Length Set Error When Receive Check No Write Command (Length Over 0~50) during Deposit for adjustment	1. Check check number table's length.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Q8HG48	Bill Number Table CRC Error When Receive Check No Write Command during Deposit for adjustment	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Q8HG49	Over The Number of Bill Number Tables When Receive Check No Write Command (Over 5) during Deposit for adjustment	1. Check check total number of tables.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Q8HH01	Fail to Delete NAND FLASH during Deposit for adjustment	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5Q8HH02	NAND FLASH Delete BLOCK Set Error When Download Detection DB during Deposit for adjustment	1. Download DB again after checking recognition DB's delete index.2. Operate to initialize BRM(Recovery)
5Q8HH03	Fail to Download Detection DB during Deposit for adjustment	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5Q8HH04	NAND FLASH Download BLOCK Set Error When Download Detection DB during Deposit for adjustment	1. Download DB again after checking recognition DB's index.2. Operate to initialize BRM(Recovery)
5Q8HH05	Detection DB Download File Check Error during Deposit for adjustment	1. Download DB again after checking recognition DB file.2. Operate to initialize BRM(Recovery)
5Q8HH06	Detection DB Download File Size Error during Deposit for adjustment	1. Download DB again after checking recognition DB download file.2. Operate to initialize BRM(Recovery)
5Q8HH07	DB Table Save Error After Download Detection DB during Deposit for adjustment	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5Q8HH08	Over Detection DB Download (Over 10) during Deposit for adjustment	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5Q8HH09	Detection DB Header Information Error during Deposit for adjustment	1. Download DB again after deleting recognition DB.2. Operate to initialize BRM(Recovery)
5Q8HH10	EP Download Fail during Deposit for adjustment	1. Re-download BC EP.2. Change the BC B/D if continuous error.
5Q8HH11	EP Download Check Error during Deposit for adjustment	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5Q8HH12	EP Download File Size Error during Deposit for adjustment	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5Q8HH13	EP Download File ID Error (Not EPAP/EPBT/EPFP) during Deposit for adjustment	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5Q8HH14	BC FPGA Download Fail during Deposit for adjustment	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.

Problem Code	Problem Description	Troubleshooting
5Q8HH15	Header Information Save Error After BC FPGA Download during Deposit for adjustment	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
5Q8HH16	Not Provide BC FPGA Download during Deposit for adjustment	1. Check BC FPGA VERSION.2. Change the BC B/D if continuous error.
5Q8HH17	EEPROM READ/WRITE Error during Deposit for adjustment	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
5Q8HH18	Receive Unit Serial Number Undefined Option during Deposit for adjustment	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
5Q8HH19	Receive USB Undefined Command during Deposit for adjustment	1. Check USB Command from BC and retry the operation2. Check BC version and Update EP3. Change the BC B/D if continuous error.
5Q8HH20	No BC Process Note When Receive Image Upload Command during Deposit for adjustment	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Q8HH21	FC1 Set Error When Receive Image Upload Command during Deposit for adjustment	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Q8HH22	BC is Processing Note When Receive Image Upload Command during Deposit for adjustment	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Q8HH23	FC2 Set Error When Receive Image Upload Command during Deposit for adjustment	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Q8HH24	Not Provide Total Image Upload Function during Deposit for adjustment	1. Check if SP or TM is out of date.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5Q8HH25	Not Provide Note Number Detection Image Upload Function during Deposit for adjustment	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Q8HH26	FC2 Set Error When Receive Image Information Upload Command during Deposit for adjustment	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Q8HH27	BRM Transaction Mode is Not Same with Image Upload Command Mode during Deposit for adjustment	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Q8HH28	BRM Transaction Mode is Not Same with Replenishment/Collect Cash Image Upload Command Mode during Deposit for adjustment	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Q8HH29	No BC Process Note When Receive Replenishment/Collect Cash Image Upload Command during Deposit for adjustment	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Q8HH2A	FC1 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Deposit for adjustment	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.

Problem Code	Problem Description	Troubleshooting
5Q8HH2B	BC is Processing Note When Receive Replenishment/Collect Cash Image Upload Command during Deposit for adjustment	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Q8HH2C	FC2 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Deposit for adjustment	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Q8HH2D	Not Provide Replenishment/Collect Cash Image Upload Function during Deposit for adjustment	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Q8HH2E	Note Image Upload Index is Not Same When Receive Replenishment/Collect Cash Image Upload Command during Deposit for adjustment	1. Get BC log and image.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Q8HI01	RecogTask Messeage Timeout Error during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5Q8HI02	ScanTask Messeage Timeout Error during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5Q8HI03	UartTask Messeage Timeout Error during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5Q8HI04	BcUsbTask Messeage Timeout Error during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5Q8HJ01	Algorithm Initialize Fail during Deposit for adjustment	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Q8HJ02	Algorithm Ready Fail during Deposit for adjustment	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Q8HJ03	Algorithm Information Set Error during Deposit for adjustment	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Q8HK01	Table CRC Error When Set Poly-Note Withdrawal Information during Deposit for adjustment	1. Retry the operation
5Q8HK02	CST Note Information Set Number Error When Set Poly-Note Withdrawal Information (n is 0 or over 256) during Deposit for adjustment	1. Check the number of CST Setting notes info
5Q8HK03	Withdrawal Note Number Set Error When Set Poly-Note Withdrawal Information ( n is 0 or over 3000) during Deposit for adjustment	1. Check Withdrawal notes setting
5Q8HK04	Note Information (Not CST Set Note) is Set in Withdrawal Note Information When Set Poly-Note Withdrawal Information during Deposit for adjustment	1. Check Withdrawal notes info
5Q8HS01	FPGA Write Data Error When Initialize Scan Driver during Deposit for adjustment	1. Retry the operation.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5Q8HS02	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver during Deposit for adjustment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Q8HS03	Fail to Set CIS Led On Value When Initialize Scan Driver during Deposit for adjustment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Q8HS04	Fail to Set Source of Scan Light When Initialize Scan Driver during Deposit for adjustment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Q8HS05	Not Process Shading When Initialize Scan Driver during Deposit for adjustment	1. Perform CiS Shading.2. Operate to initialize BRM(Recovery)
5Q8HS08	Fail to Set DAC When Initialize Scan Driver during Deposit for adjustment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Q8HS11	FPGA Write Data Error When BC Ready during Deposit for adjustment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Q8HS12	Fail to Power On When BC Ready Sensor(MR/UV/DD/Encoder/Entry Sensor) during Deposit for adjustment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Q8HS13	Fail to Set CIS Led On Value When BC Ready during Deposit for adjustment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Q8HS14	Fail to Set Source of Scan Ligh When BC Ready during Deposit for adjustment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Q8HS15	Not Process Shading When BC Ready during Deposit for adjustment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Q8HS17	Fail to Set AFE Chip When BC Ready during Deposit for adjustment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Q8HS18	Fail to Set DAC When BC Ready during Deposit for adjustment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Q8HS19	MR/UV/DD Sampling Start Error When BC Ready during Deposit for adjustment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Q8HS1A	Fail to Set 2-Notes DAC When BC Ready during Deposit for adjustment	1. Check whether double notes sensor is contaminate or not.2. Check whether double notes sensor is connected.3. Retry the operation.4. Change the BC if continuous error.
5Q8HS1B	2-Notes to 1-Note Adjust Information Error When BC Ready during Deposit for adjustment	1. Perform calibration info about double notes or one note.2. Operate to initialize BRM(Recovery)
5Q8HS22	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver When Stop BC during Deposit for adjustment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Q8HS28	Fail to Set DAC When Stop BC during Deposit for adjustment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Q8HS29	MR/UV/DD Sampling Stop Error When Stop BC during Deposit for adjustment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Q8HS31	BC Ready Fail When Process CIS Shading – Use in Plant during Deposit for adjustment	1. Perform calibration info about double notes or one note and double notes DAC2. Retry the operation
5Q8HS32	Dark Adjust Fail When Process CIS Shading – Use in Plant during Deposit for adjustment	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Change CIS and Cable5. Change BC

Problem Code	Problem Description	Troubleshooting
5Q8HS33	Over Target Gap When Process CIS Shading Shading – Use in Plant during Deposit for adjustment	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
5Q8HS34	Fail to Write Result Value Flash When Process CIS Shading – Use in Plant during Deposit for adjustment	1. Retry the operation2. Change BC
5Q8HS35	BC Stop Fail When Process CIS Shading – Use in Plant during Deposit for adjustment	1. Retry the operation2. Change BC
5Q8HS36	Over 10Pixel-Excess-Image When Process CIS Shading during Deposit for adjustment	1. Retry the operation2. Check CIS note quility and setting status3. Check CIS Connection Status4. Change BC
5Q8HS37	Dark Shading Result Value is Standard Over When Process CIS Shading during Deposit for adjustment	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Retry the operation5. Change BC
5Q8HS38	Max Ontime Ove When Process CIS Shadingr – Use in Plant during Deposit for adjustment	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
5Q8HS39	Fail to Set Source of Shading Light When Process CIS Shading – Use in Plant during Deposit for adjustment	1. Retry the operation2. Change BC
5Q8HS41	Fail to Adjust 2-Notes DAC (Less Than MIN) – Use in Plant during Deposit for adjustment	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the opertion4. Change BC
5Q8HS42	Fail to Adjust 2-Notes DAC (Over MAX) – Use in Plant during Deposit for adjustment	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the opertion4. Change BC
5Q8HS43	2-Notes Adjust Flash Write Fail – Use in Plant during Deposit for adjustment	1. Retry the operation2. Change BC
5Q8R100	BC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q8R200	BC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q8R300	BC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q8R600	BC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q8S100	BCU response MI error during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q8S200	BCU response BCC error during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q8S300	BCU response Sub MI error during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5Q8S400	BCU response Parameter error during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Q8S900	BCU response Timeout Error during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QA2100	Error occurred by notes remained in GS801 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5QA2200	Error occurred by notes remained in GS002 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5QA2300	Error occurred by notes remained in GS003 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5QA2400	Error occurred by notes remained in GS004 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5QA2500	Error occurred by notes remained in GS005 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5QA2600	Error occurred by notes remained in GS006 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5QA2700	Error occurred by notes remained in GS014 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5QA2800	Error occurred by notes remained in GS018 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5QA2900	Error occurred by notes remained in GS020 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5QA2A00	Error occurred by notes remained in GS021 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5QA2C00	Error occurred by the notes remained in the BCU(CIS Sensor or DD Sensor) during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5QA2E00	Error occurred by notes remained in GS001 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5QA2H00	Error occurred by notes remained in GS618 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5QA2J00	Error occurred by notes remained in GS619 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5QA2K00	Error occurred by notes remained in GS701,702 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5QA2M00	Error occurred by notes remained in GSA01 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5QA2N00	Error occurred by notes remained in GSA02 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5QA2P00	Error occurred by notes remained in GSA03 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5QA2Q00	Error occurred by notes remained in GSD01 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5QA2W00	Error occurred by notes remained in GS802 during Deposit for adjustment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5QAA100	UTC open Error before operation Deposit for adjustment	1. Open the upper unit. 2. Check the UTC removal and reinstallation
5QAA200	TSK open Error before operation Deposit for adjustment	1. Open the upper unit. 2. Check the TSK open and close
5QAA300	BMU Inter Lock Error before operation Deposit for adjustment	1. Check BMU open and close
5QAA400	BMU open Error before operation Deposit for adjustment	1. Check BMU open and close
5QAA500	Replenishment CST open Error before operation Deposit for adjustment	1. Check the Transit CST installation
5QAA600	CSM open Error before operation Deposit for adjustment	1. Open the upper unit. 2. Check CSM Open/Close
5QAA800	BMD Inter Lock Error before operation Deposit for adjustment	1. Open the lower unit. 2. Check the BMD open and close
5QAA900	BMD open Error before operation Deposit for adjustment	1. Open the lower unit. 2. Check the BMD open and close
5QAAA00	BC Open Error before operation Deposit for adjustment	1. Open the upper unit. 2. Check BC Open/Close
5QAAB00	RC Full Error before operation Deposit for adjustment	1. Open the lower unit. 2. Check RC Full and remove notes
5QAAC00	RJC Full Error before operation Deposit for adjustment	1. Open the upper unit. 2. Check RJC Full and remove notes
5QAAD00	UTC Full Error before operation Deposit for adjustment	1. Open the upper unit. 2. Remove UTC and open the UTC Door3. Remove notes and reinstallation UTC
5QAAE00	RTC Full Error before operation Deposit for adjustment	1. Open the lower unit. 2. Remove RT/RJC and open the Door3. Remove notes and reinstall RT/RJC
5QAAF00	RC Empty Error before operation Deposit for adjustment	1. Open the lower unit. 2. Remove RC and open the RC Door, Check the Empty Status3. Reinstall the RC
5QAAG00	Suspected note RC open Error before operation Deposit for adjustment	1. Open the lower unit. 2. Check the RC removal and reinstall
5QAAJ00	Deposit for adjustment is not supported in the setting Test Mode	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5QAE100	Received operation command without Initial Info Set during Deposit for adjustment	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5QAE200	Status on not operation reception command during Deposit for adjustment	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization

Problem Code	Problem Description	Troubleshooting
5QAE300	Received operation command without System Info Read during Deposit for adjustment	1. Restart over AP-SP2. Do transaction operation follow by set up read system info for TM Test-> Initial Info Set -> Initialization
5QAE400	Transaction was executed without initializing after power on during Deposit for adjustment	1. Restart over AP-SP2. Do transaction operation follow by set up read system info for TM Test-> Initial Info Set -> Initialization
5QAEE00	RBU RS485 communication sequence disorder during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5QAEF00	RBU RS485 connection line disorder during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5QAEL00	RBU communication was not ready after power on during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5QAH600	Failure to check clearing NVRAM during Deposit for adjustment	1. Operate to initialize BRM(Recovery)
5QAHF00	Transaction count exists but GS801A sensor no change during Deposit for adjustment	1. Check GS801A2. Operate to initialize BRM(Recovery)
5QAHG00	Transaction count exists but GS801B sensor no change during Deposit for adjustment	1. Check GS801B2. Operate to initialize BRM(Recovery)
5QAHH00	Transaction count exists but GS802A sensor no change during Deposit for adjustment	1. Check GS802A2. Operate to initialize BRM(Recovery)
5QAHJ00	Transaction count exists but GS802B sensor no change during Deposit for adjustment	1. Check GS802B2. Operate to initialize BRM(Recovery)
5QAJ300	OC(Operation Cassette) Full Semi-Ok in Collect Cash mode during Deposit for adjustment Ready Process	1. Open the lower unit. 2. Check RC Full and remove notes
5QAJD00	Error of no available CST during Withdrawal for adjustment	1. Operate to initialize BRM(Recovery)
5QAJF00	RC All Full Semi-Ok in Reposition mode during Deposit for adjustment	1. Operate to initialize BRM(Recovery)
5QANJ00	TSK Stack count is different with stacked note during Adjustment deposit without reject notes	1. Operate to initialize BRM(Recovery)
5QAR100	Message timeout error during operation ready during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QAR200	Message timeout error during transaction operation during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QAR300	Message timeout error during error postprocessing during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QAR800	RBU/BC sensor auto dimming response message timeout error during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QARC00	BC response message timeout error during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5QARJ00	Message timeout error during Stop Ready during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QAS600	Reject CST is set to Transit CST in Collect Cash mode during Deposit for adjustment.	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QAS700	Comparative error when denomination/note count set during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QAS800	Designated Cassette for Collect Cash is set Error during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QASA00	Set note number to Transit CST in adjustment mode during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QASB00	Stop command Receive Semi-normal during Deposit For Adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QASC00	Both RC and CST have Requested count during Deposit For Adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QASD00	Reject CST Set Error(Reject CST is set to Transit CST on a device that does not support the front Transit or in a status of Transit CST removal) during adjustment deposit.	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QASE00	USB Timeout occurs due to excessive RC Separation error Retry during Deposit for adjustment	1. Operate to initialize(recover) BRM.2. Reboot the system when the same error occurs after initialization.
5QASF00	OC(Operation Cassette) is set to Transit CST on a device that does not support the front Transit CST during Deposit For Adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QASG00	OC(Operation Cassette) Set Error during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QASH00	Note number Set Error during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QASJ00	Set Note number to RC for Deposit or DPC or RJC in Repenishment mode during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QASK00	Set No Reject Note Process Option in Repenishment mode during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QASL00	Reject CST Set Error during adjustment deposit	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QASM00	Both Reject CST and OC(Operation Cassette) are set to Transit CST in Replenishment mode during Deposit for adjustment.	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5QASP00	NO RC to Stack during adjustment deposit	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QASQ00	Set Count in several RC during Adjustment deposit	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QASR00	Max withdrawal count excess request error during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QASY00	Requested count is 0 during Adjustment deposit	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QBH100	RC1 EEPROM Read Error during Deposit for adjustment	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5QBH200	RC2 EEPROM Read Error during Deposit for adjustment	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5QBH300	RC3 EEPROM Read Error during Deposit for adjustment	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5QBH400	RC4 EEPROM Read Error during Deposit for adjustment	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5QBH500	RC5 EEPROM Read Error during Deposit for adjustment	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5QBH600	RC6 EEPROM Read Error during Deposit for adjustment	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5QBH700	RC1 EEPROM Write Error during Deposit for adjustment	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5QBH800	RC2 EEPROM Write Error during Deposit for adjustment	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5QBH900	RC3 EEPROM Write Error during Deposit for adjustment	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5QBHA00	RC4 EEPROM Write Error during Deposit for adjustment	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5QBHB00	RC5 EEPROM Write Error during Deposit for adjustment	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5QBHC00	RC6 EEPROM Write Error during Deposit for adjustment	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization

Problem Code	Problem Description	Troubleshooting
5QBHD00	RC1 EEPROM Verify Error during Deposit for adjustment	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5QBHE00	RC2 EEPROM Verify Error during Deposit for adjustment	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5QBHF00	RC3 EEPROM Verify Error during Deposit for adjustment	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5QBHG00	RC4 EEPROM Verify Error during Deposit for adjustment	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5QBHH00	RC5 EEPROM Verify Error during Deposit for adjustment	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5QBHJ00	RC6 EEPROM Verify Error during Deposit for adjustment	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5QBHK00	BMD Open Error During EEPROM Read/Write during Deposit for adjustment	1. Check the lower Unit load/removal
5QBHU00	BMD EEPROM Read Error during Deposit for adjustment	1. Replace RBU B/D
5QBHV00	BMD EEPROM Write Error during Deposit for adjustment	1. Replace RBU B/D
5QBHW00	BMD EEPROM Verify Error during Deposit for adjustment	1. Replace RBU B/D
5QBHX00	RC7 EEPROM Read Error during Deposit for adjustment	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5QBHY00	RC7 EEPROM Write Error during Deposit for adjustment	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5QBHZ00	RC7 EEPROM Verify Error during Deposit for adjustment	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5QBR000	RBU Response Timeout during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QBR700	RBU Response Message Timeout during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QBS100	RBU RS-232 Seq Num Echo Error during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QBS200	RBU RS-232 MI Echo Error during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QBSS00	RBU Auto Calibration Command Parameter Error during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5QC0100	RC6 GSC01 Light Jam during Deposit for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QC0200	RC6 GSC02 Light Jam during Deposit for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QC0500	RC6 GSC05 Light Jam during Deposit for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(8)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5QC0Z00	RC6 All Light Jam during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5QC1100	RC6 GSC01 Dark Jam during Deposit for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QC1200	RC6 GSC02 Dark Jam during Deposit for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QC1500	RC6 GSC05 Dark Jam during Deposit for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QC1Z00	RC6 All Dark Jam during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5QC2100	Error occurred by notes remained in RC6 GSC01 during Deposit for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QC2200	Error occurred by notes remained in RC6 GSC02 during Deposit for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QC2500	Error occurred by notes remained in RC6 GSC05 during Deposit for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QC2Z00	Error occurred by notes remained in RC6 All during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5QC3100	Sensor auto calibration error in RC6 GSC01 during Deposit for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QC3200	Sensor auto calibration error in RC6 GSC02 during Deposit for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QC3500	Sensor auto calibration error in RC6 GSC05 during Deposit for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QC3Z00	Sensor auto calibration error in RC6 All during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5QC4100	Extern lights check error in RC6 GSC01 during Deposit for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QC4200	Extern lights check error in RC6 GSC02 during Deposit for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QC4500	Extern lights check error in RC6 GSC05 during Deposit for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QC4Z00	Extern lights check error in RC6 All during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5QC5100	Path error on transport path in RC6 GSC01 during Deposit for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QC5200	Path error on transport path in RC6 GSC02 during Deposit for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QC5500	Path error on transport path in RC6 GSC05 during Deposit for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QC5Z00	Path error on transport path in RC6 All during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5QC6100	Path error on sensor except for transport path in RC6 GSC01 during Deposit for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QC6200	Path error on sensor except for transport path in RC6 GSC02 during Deposit for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QC6500	Path error on sensor except for transport path in RC6 GSC05 during Deposit for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QC6Z00	Path error on sensor except for transport path in RC6 All during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5QC7100	Error occurred by the notes disorder in RC6 GSC01 during Deposit for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QC7200	Error occurred by the notes disorder in RC6 GSC02 during Deposit for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QC7500	Error occurred by the notes disorder in RC6 GSC05 during Deposit for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QC7Z00	Error occurred by the notes disorder in RC6 All during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5QCG100	RC6 Failure of returning notes (GSC01,GSC02 Sensors detect no notes) during Deposit for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QCG200	RC6 Failure to move PP to stack position during Deposit for adjustment	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(8). 4. Open the recycle cassette door(8).5. Check cassette status to move stage up and down.
5QCG400	RC6 Failure to upward moving of PP during RC6 stack roller retreat movement during Deposit for adjustment	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(8). 4. Open the recycle cassette door(8).5. Check cassette status to move stage up and down.
5QCG500	RC6 Failure to stack roller retreat (GSC13 Sensor no change) during Deposit for adjustment	1. Open the lower unit.2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
5QCG600	RC6 Stack Roller retreat position disorder during RC Separation during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5QCG700	RC6 RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GSC07) no change) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5QCG800	RC6 Failure to move PP to press position (GSC08 Sensor Dark Fail) during Deposit for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(8).4. Check the stage status after open the recycle cassette(8).5. Check the upper side of the recycle cassette
5QCGA00	RC6 RC Solenoid Echo error during Deposit for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8) and reload.4. Replace the cassette when same error occurs.
5QCGB00	RC6 Feed Roller homeposition Sensor(GSC07) Light detect fail during RC Stack during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5QCGC00	RC6 Feed Roller homeposition Sensor(GSC07) Dark detect fail during RC Stack during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5QCGD00	RC6 GSC01,GSC02 Detect notes during move RC Feed Roller to homeposition during Deposit for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QCGE00	RC6 GSC08 detect dark before move RC Feed Roller to homeposition during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
5QCGF00	RC6 Notes Setting error during initialize (GSC14, Bottom Sensor(GSC12) both dark) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
5QCGG00	RC6 Stack Roller Sensor(GSC13) detect light during RC FM Stack during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5QCGH00	RC6 Stack Roller Sensor(GSC13) detect dark during RC FM Stack during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5QCGJ00	RC6 RC Stack Roller retreat fail (Motor Overrun) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
5QCGK00	RC6 RC Stack Roller retreat fail (Motor speed error) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5QCGL00	RC6 RC Feed Roller homeposition fail (Motor speed error) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5QCGQ00	RJC Press and Stack position fail during Deposit for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
5QCGR00	RJC Stack position fail during Deposit for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
5QCGS00	RC6 RJC Press position fail during Deposit for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
5QCGT00	RC6 GSC51 fail to detect dark when PP moves down during RJC PP Stack during Deposit for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
5QCGU00	RC6 GSC51 fail to detect light when PP moves down during RJC PP Stack during Deposit for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
5QCGV00	RC6 GSC52 fail to detect dark when PP moves down during RJC PP Stack during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
5QCGW00	RC6 GSC51 fail to detect light when PP moves down during RJC initialize during Deposit for adjustment	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
5QCGX00	RC6 GSC01 detects notes during RJC intialize during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QCJ100	RC6 RJC Full during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
5QCJ200	RC6 No Residue during Deposit for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(8).4. Check the notes remain after open the recycle cassette door(8)5. Fill up the Notes if there are no notes

Problem Code	Problem Description	Troubleshooting
5QCJ300	RC6 Full,Bottom no detect before move RC PP to stack position during Deposit for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(8).4. Check the stage status after open the recycle cassette(8).5. Check contamination of GS111/GS112 sensor.
5QCR100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QCR200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QCR300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QCR600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QCRF00	RC6 Feed Motor response timeout during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QCRP00	RC6 PP response timeout during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QCS200	RC6 Receive undefined command during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QCS300	RC6 Task not for separation receive separation command during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QCSA00	RC6 Sub Task receive undefined command during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QCSR00	RC6 Sub Task for Wait Setting Error during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QE0100	CST GS901 Light Jam during Deposit for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5QE0200	CST GS902 Light Jam during Deposit for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5QE0500	CST GS905 Light Jam during Deposit for adjustment	1. Remove note in the transit path.2. Open the transit cassette door after remove the cassette.3. Remove note in the upper side.
5QE0Z00	CST All Light Jam during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5QE1100	CST GS901 Dark Jam during Deposit for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5QE1200	CST GS902 Dark Jam during Deposit for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5QE1500	CST GS905 Dark Jam during Deposit for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5QE1Z00	CST All Dark Jam during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5QE2100	Error occurred by notes remained in CST GS901 during Deposit for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5QE2200	Error occurred by notes remained in CST GS902 during Deposit for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5QE2500	Error occurred by notes remained in CST GS905 during Deposit for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5QE2Z00	Error occurred by notes remained in CST All during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5QE3100	Sensor auto calibration error in CST GS901 during Deposit for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5QE3200	Sensor auto calibration error in CST GS902 during Deposit for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5QE3500	Sensor auto calibration error in CST GS905 during Deposit for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5QE3Z00	Sensor auto calibration error in CST All during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5QE4100	Extern lights check error in CST GS901 during Deposit for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5QE4200	Extern lights check error in CST GS902 during Deposit for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5QE4500	Extern lights check error in CST GS905 during Deposit for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5QE4Z00	Extern lights check error in CST All during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5QE5100	Path error on transport path in CST GS901 during Deposit for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5QE5200	Path error on transport path in CST GS902 during Deposit for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5QE5500	Path error on transport path in CST GS905 during Deposit for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5QE5Z00	Path error on transport path in CST All during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5QE6100	Path error on sensor except for transport path in CST GS901 during Deposit for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5QE6200	Path error on sensor except for transport path in CST GS902 during Deposit for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5QE6500	Path error on sensor except for transport path in CST GS905 during Deposit for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5QE6Z00	Path error on sensor except for transport path in CST All during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5QE7100	Error occurred by the notes disorder in CST GS901 during Deposit for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5QE7200	Error occurred by the notes disorder in CST GS902 during Deposit for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5QE7500	Error occurred by the notes disorder in CST GS905 during Deposit for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5QE7Z00	Error occurred by the notes disorder in CST All during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5QEC100	CST Miss-Pickup during Deposit for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check the upper and the notes.
5QEG100	CST Failure of returning notes (GS901,GS902 Sensors detect no notes) during Deposit for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5QEG200	CST Failure to move PP to stack position during Deposit for adjustment	1. Remove the transit cassette.2. Open the cassette door.3. Check the stage status.
5QEG400	CST Failure to upward moving of PP during RC stack roller retreat movement during Deposit for adjustment	1. Remove the transit cassette.2. Open the cassette door.3. Check the stage status.
5QEG500	CST Failure to stack roller retreat (GS913 Sensor no change) during Deposit for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5QEG600	CST Stack Roller retreat position disorder during RC Separation during Deposit for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5QEG700	CST RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS907) no change) during Deposit for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5QEG800	CST Failure to move PP to press position (GS908 Sensor Dark Fail) during Deposit for adjustment	1. Remove the transit cassette.2. Check the stage status after open the cassette.3. Check the upper side of the cassette
5QEGA00	CST RC Solenoid Echo error during Deposit for adjustment	1. Reload the transit cassette after removing the cassette.2. Change the cassette when same error occur.
5QEGB00	CST Feed Roller homeposition Sensor(GS907) Light detect fail during RC Stack during Deposit for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5QEGC00	CST Feed Roller homeposition Sensor(GS907) Dark detect fail during RC Stack during Deposit for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5QEGD00	CST GS901,GS902 Detect notes during move RC Feed Roller to homeposition during Deposit for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5QEGER00	CST GS908 detect dark before move RC Feed Roller to homeposition during Deposit for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note.
5QEGF00	CST Notes Setting error during initialize (GS914, Bottom Sensor(GS912) both dark) during Deposit for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note.
5QEGG00	CST Stack Roller Sensor(GS913) detect light during RC FM Stack during Deposit for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
5QEGH00	CST Stack Roller Sensor(GS913) detect dark during RC FM Stack during Deposit for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5QEGJ00	CST RC Stack Roller retreat fail (Motor Overrun) during Deposit for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5QEGK00	CST RC Stack Roller retreat fail (Motor speed error) during Deposit for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5QEGL00	CST RC Feed Roller homeposition fail (Motor speed error) during Deposit for adjustment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5QEJ200	CST No Residue during Deposit for adjustment	1. Remove the transit cassette.2. Check the notes remain after open the cassette door.3. Fill up the Notes if there are no notes
5QEJ300	CST Full,Bottom no detect before move RC PP to stack position during Deposit for adjustment	1. Remove the transit cassette.2. Check the stage status after open the cassette.3. Check the upper side of the cassette
5QEKL00	CST separation request notes is 0 during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5QENL00	CST Requested notes is more than Residue notes,separation stop during Deposit for adjustment	1. Check CST actual count and SPL screen count.2. Setting CST count match actual count.3. Operate to initialize BRM(Recovery)
5QER100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QER200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QER300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QER600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QERF00	CST Feed Motor response timeout during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QERP00	CST PP response timeout during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QES200	CST Receive undefined command during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5QES300	CST RC Task not for separation receive separation command during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QESA00	CST RC Sub Task receive undefined command during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QESR00	CST Sub Task for Wait Setting Error during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QF0100	RC7 GSF01 Light Jam during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QF0200	RC7 GSF02 Light Jam during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QF0500	RC7 GSF05 Light Jam during Deposit for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(F)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5QF0Z00	RC7 All Light Jam during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5QF1100	RC7 GSF01 Dark Jam during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QF1200	RC7 GSF02 Dark Jam during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QF1500	RC7 GSF05 Dark Jam during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QF1Z00	All RC7 Sensor Dark Jam during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5QF2100	Error occurred by notes remained in RC7 GSF01 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QF2200	Error occurred by notes remained in RC7 GSF02 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5QF2500	Error occurred by notes remained in RC7 GSF05 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QF2Z00	Error occurred by notes remained in All RC7 Sensor during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5QF3100	RC7 GSF01 Sensor auto calibration error during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QF3200	RC7 GSF02 Sensor auto calibration error during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QF3500	RC7 GSF05 Sensor auto calibration error during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QF3Z00	All RC7 Sensor auto calibration error during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5QF4100	RC7 GSF01 Extern lights check error during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QF4200	RC7 GSF02 Extern lights check error during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QF4500	RC7 GSF05 Extern lights check error during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QF4Z00	All RC7 Sensor Extern lights check error during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5QF5100	RC7 GSF01 Path error on transport path during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QF5200	RC7 GSF02 Path error on transport path during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5QF5500	RC7 GSF05 Path error on transport path during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QF5Z00	All RC7 Sensor Path error on transport path during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5QF6100	RC7 GSF01 Path error on sensor except for transport path during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QF6200	RC7 GSF02 Path error on sensor except for transport path during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QF6500	RC7 GSF05 Path error on sensor except for transport path during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QF6Z00	RC7 All Path error on sensor except for transport path during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5QF7100	Error occurred by the notes disorder in RC7 GSF01 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QF7200	Error occurred by the notes disorder in RC7 GSF02 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QF7500	Error occurred by the notes disorder in RC7 GSF05 during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QF7Z00	Error occurred by the notes disorder in RC7 All during Deposit for adjustment	1. Operate to initialize BRM.(Recovery)
5QFG100	RC7 Failure of returning notes (GSF01,GSF02 Sensors detect no notes) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QFG200	RC7 Failure to move PP to stack position during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (A)4. Open the recycle cassette door(A) 5. Check cassette status to move stage up and down

Problem Code	Problem Description	Troubleshooting
5QFG400	RC7 Failure to upword moving of PP during RC7 stack roller retreat movement during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (A)4. Open the recycle cassette door(A) 5. Check cassette status to move stage up and down
5QFG500	RC7 Failure to stack roller retreat (GS113 Sensor no change) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5QFG600	RC7 Stack Roller retreat position disorder during RC Separation during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5QFG700	RC7 Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GSF07) no change) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5QFG800	RC7 Failure to move PP to press position (GSF08 Sensor Dark Fail) during Deposit for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(F).4. Check the stage status after open the recycle cassette(F).5. Check the upper side of the recycle cassette
5QFGA00	RC7 Solenoid Echo error during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F) and reload4. Replace the cassette when same error occurs
5QFGB00	RC7 Feed Roller homeposition Sensor(GSF07) Light detect fail during RC Stack during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5QFGC00	RC7 Feed Roller homeposition Sensor(GSF07) Dark detect fail during RC Stack during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5QFGD00	RC7 GSF01,GSF02 Detect notes during move RC Feed Roller to homeposition during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5QFGE00	RC7 GSF08 detect dark before move RC Feed Roller to homeposition during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note.
5QFGF00	RC7 Notes Setting error during initialize (GSF14, Bottom Sensor(GSF12) both dark) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note.
5QFGG00	RC7 Stack Roller Sensor(GS113) detect light during RC FM Stack during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
5QFGH00	RC7 Stack Roller Sensor(GS113) detect dark during RC FM Stack during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5QFGJ00	RC7 Stack Roller retreat fail (Motor Overrun) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5QFGK00	RC7 Stack Roller retreat fail (Motor speed error) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5QFGL00	RC7 Feed Roller homeposition fail (Motor speed error) during Deposit for adjustment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5QFJ200	RC7 No Residue during Deposit for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(F).4. Check the notes remain after open the recycle cassette door(A)5. Fill up the Notes if there are no notes
5QFJ300	Full,Bottom no detect before move RC7 PP to stack position during Deposit for adjustment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(F).4. Check the stage status after open the recycle cassette(F).5. Check contamination of GSF11/GSF12 sensor.
5QFRF00	RC7 Feed Motor response timeout during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QFRP00	RC7 PP response timeout during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QFS200	RC7 Receive undefined command during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QFS300	RC7 Task not for separation receive separation command during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QFSA00	RC7 Sub Task receive undefined command during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QFSR00	RC7 Sub Task for Wait Setting Error during Deposit for adjustment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5QUS100	USB Bulk Sequence Error during Deposit for adjustment.	1. Restart over AP-SP
5QUS300	USB Bulk Received Length Error during Deposit for adjustment.	1. Reboot the system

Problem Code	Problem Description	Troubleshooting
5QUS400	Message transmission Error from USB to Main Task during Deposit for adjustment.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
5QUS500	Message reception Error from MainTask to USB during Deposit for adjustment.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
5QUSCMD	Bulk command data check error during Deposit for adjustment. (USB communication failure)	1. Restart over AP-SP
5QUSCRC	CRC data check error during Deposit for adjustment. (USB communication failure)	1. Restart over AP-SP
5QUSLEN	Bulk length error during Deposit for adjustment. (USB communication failure)	1. Restart over AP-SP
5R1R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5R1R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5R1R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5R1R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5R2R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5R2R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5R2R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5R2R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5R30100	RC3 GS301 Light Jam during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R30200	RC3 GS302 Light Jam during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5R30500	RC3 GS305 Light Jam during Read Initial Info	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(C)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5R31100	RC3 GS301 Dark Jam during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R31200	RC3 GS302 Dark Jam during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R31500	RC3 GS305 Dark Jam during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R32100	Error occurred by notes remained in RC3 GS301 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R32200	Error occurred by notes remained in RC3 GS302 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R32500	Error occurred by notes remained in RC3 GS305 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R33100	Sensor auto calibration error in RC3 GS301 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R33200	Sensor auto calibration error in RC3 GS302 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R33500	Sensor auto calibration error in RC3 GS305 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R34100	Extern lights check error in RC3 GS301 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5R34200	Extern lights check error in RC3 GS302 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R34500	Extern lights check error in RC3 GS305 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R35100	Path error on transport path in RC3 GS301 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R35200	Path error on transport path in RC3 GS302 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R35500	Path error on transport path in RC3 GS305 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R36100	Path error on sensor except for transport path in RC3 GS301 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R36200	Path error on sensor except for transport path in RC3 GS302 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R36500	Path error on sensor except for transport path in RC3 GS305 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R37100	Error occurred by the notes disorder in RC3 GS301 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R37200	Error occurred by the notes disorder in RC3 GS302 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5R37500	Error occurred by the notes disorder in RC3 GS305 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R3L100	Remaining notes stack process error in RC3 GS301 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R3L200	Remaining notes stack process error in RC3 GS302 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R3L500	Remaining notes stack process error in RC3 GS305 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R3R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5R3R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5R3R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5R3R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5R40100	RC4 GS401 Light Jam during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R40200	RC4 GS402 Light Jam during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R40500	RC4 GS405 Light Jam during Read Initial Info	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(D)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5R41100	RC4 GS401 Dark Jam during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5R41200	RC4 GS402 Dark Jam during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R41500	RC4 GS405 Dark Jam during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R42100	Error occurred by notes remained in RC4 GS401 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R42200	Error occurred by notes remained in RC4 GS402 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R42500	Error occurred by notes remained in RC4 GS405 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R43100	Sensor auto calibration error in RC4 GS401 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R43200	Sensor auto calibration error in RC4 GS402 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R43500	Sensor auto calibration error in RC4 GS405 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R44100	Extern lights check error in RC4 GS401 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R44200	Extern lights check error in RC4 GS402 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5R44500	Extern lights check error in RC4 GS405 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R45100	Path error on transport path in RC4 GS401 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R45200	Path error on transport path in RC4 GS402 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R45500	Path error on transport path in RC4 GS405 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R46100	Path error on sensor except for transport path in RC4 GS401 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R46200	Path error on sensor except for transport path in RC4 GS402 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R46500	Path error on sensor except for transport path in RC4 GS405 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R47100	Error occurred by the notes disorder in RC4 GS401 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R47200	Error occurred by the notes disorder in RC4 GS402 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R47500	Error occurred by the notes disorder in RC4 GS405 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5R4L100	Remaining notes stack process error in RC4 GS401 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R4L200	Remaining notes stack process error in RC4 GS402 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R4L500	Remaining notes stack process error in RC4 GS405 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R4R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5R4R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5R4R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5R4R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5R50100	RC5 GS501 Light Jam during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R50200	RC5 GS502 Light Jam during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R50500	RC5 GS505 Light Jam during Read Initial Info	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(E)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5R51100	RC5 GS501 Dark Jam during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R51200	RC5 GS502 Dark Jam during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5R51500	RC5 GS505 Dark Jam during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R52100	Error occurred by notes remained in RC5 GS501 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R52200	Error occurred by notes remained in RC5 GS502 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R52500	Error occurred by notes remained in RC5 GS505 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R53100	Sensor auto calibration error in RC5 GS501 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R53200	Sensor auto calibration error in RC5 GS502 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R53500	Sensor auto calibration error in RC5 GS505 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R54100	Extern lights check error in RC5 GS501 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R54200	Extern lights check error in RC5 GS502 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R54500	Extern lights check error in RC5 GS505 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5R55100	Path error on transport path in RC5 GS501 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R55200	Path error on transport path in RC5 GS502 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R55500	Path error on transport path in RC5 GS505 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R56100	Path error on sensor except for transport path in RC5 GS501 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R56200	Path error on sensor except for transport path in RC5 GS502 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R56500	Path error on sensor except for transport path in RC5 GS505 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R57100	Error occurred by the notes disorder in RC5 GS501 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R57200	Error occurred by the notes disorder in RC5 GS502 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R57500	Error occurred by the notes disorder in RC5 GS505 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R5L100	Remaining notes stack process error in RC5 GS501 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5R5L200	Remaining notes stack process error in RC5 GS502 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R5L500	Remaining notes stack process error in RC5 GS505 during Read Initial Info	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5R5R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5R5R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5R5R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5R5R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5R6H100	CSM EEPROM Write Error (System info inquiry/EEPROM Write) during Read Initial Info	1. Check CSM EEPROM2. Cehck CSM EEPROM connection3. Replace CSM B/D if same error occurs during EEPROM R/W
5R6H200	CSM EEPROM Read Error (System info inquiry/EEPROM Read/Wrtie) during Read Initial Info	1. Check CSM EEPROM2. Cehck CSM EEPROM connection3. Replace CSM B/D if same error occurs during EEPROM R/W
5R6R100	CSM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5R6R200	CSM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5R6R300	CSM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5R6R600	CSM response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5R7R100	TSK response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5R7R200	TSK response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5R7R300	TSK response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5R7R600	TSK response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5R8HA01	GS801A Sensor Error during Read Initial Info	1. Check GS801A2. Operate to initialize BRM(Recovery)
5R8HA02	GS801B Sensor Error during Read Initial Info	1. Check GS801B2. Operate to initialize BRM(Recovery)
5R8HA03	GS801A, GS801B Sensor Error during Read Initial Info	1. Check GS801A, GS801B2. Operate to initialize BRM(Recovery)
5R8HA04	GS802A Sensor Error during Read Initial Info	1. Check GS802A2. Operate to initialize BRM(Recovery)
5R8HA05	GS801A, GS802A Sensor Error during Read Initial Info	1. Check GS801A, GS802A2. Operate to initialize BRM(Recovery)
5R8HA06	GS801B, GS802A Sensor Error during Read Initial Info	1. Check GS801B, GS802A2. Operate to initialize BRM(Recovery)
5R8HA07	GS801A, GS801B, GS802A Sensor Error during Read Initial Info	1. Check GS801A, GS801B, GS802A2. Operate to initialize BRM(Recovery)
5R8HA08	GS802B Sensor Error during Read Initial Info	1. Check GS802B2. Operate to initialize BRM(Recovery)
5R8HA09	GS801A, GS802B Sensor Error during Read Initial Info	1. Check GS801A, GS802B2. Operate to initialize BRM(Recovery)
5R8HA10	GS801B, GS802B Sensor Error during Read Initial Info	1. Check GS801B, GS802B2. Operate to initialize BRM(Recovery)
5R8HA11	GS801A, GS801B, GS802B Sensor Error during Read Initial Info	1. Check GS801A, GS801B, GS802B2. Operate to initialize BRM(Recovery)
5R8HA12	GS802A, GS802B Sensor Error during Read Initial Info	1. Check GS802A, GS802B2. Operate to initialize BRM(Recovery)
5R8HA13	GS801A, GS802A, GS802B Sensor Error during Read Initial Info	1. Check GS801A, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5R8HA14	GS801B, GS802A, GS802B Sensor Error during Read Initial Info	1. Check GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5R8HA15	GS801A, GS801B, GS802A, GS802B Sensor Error during Read Initial Info	1. Check GS801A, GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5R8HB01	MR Sensor Level Error during Read Initial Info	1. Check MR Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5R8HC02	UV_01 Sensor Level Error during Read Initial Info	1. Check UV Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5R8HF03	CIS Shading data loading Fail during Read Initial Info	1. Operate shading in the BC CIS2. Operate to initialize BRM(Recovery)
5R8HF04	Detection DB Table loading Fail during Read Initial Info	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5R8HF05	BC FPGA Data checksum Fail during Read Initial Info	1. Check to BC FPGA File2. Operate to initialize BRM(Recovery)
5R8HF06	BC FPGA Configuration Fail during Read Initial Info	1. Re-download BC FPGA2. Change the BC B/D if continuous error.

Problem Code	Problem Description	Troubleshooting
5R8HF07	BC FPGA Header Information Loading Fail during Read Initial Info	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5R8HF08	BC FPGA Initialize Fail during Read Initial Info	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5R8HF09	BC FPGA VERSION Fail during Read Initial Info	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5R8HF11	Detection DB #01 loading Fail during Read Initial Info	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5R8HF12	Detection DB #02 loading Fail during Read Initial Info	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5R8HF13	Detection DB #03 loading Fail during Read Initial Info	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5R8HF14	Detection DB #04 loading Fail during Read Initial Info	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5R8HF15	Detection DB #05 loading Fail during Read Initial Info	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5R8HF16	Detection DB #06 loading Fail during Read Initial Info	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5R8HF17	Detection DB #07 loading Fail during Read Initial Info	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5R8HF18	Detection DB #08 loading Fail during Read Initial Info	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5R8HF19	Detection DB #09 loading Fail during Read Initial Info	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5R8HF20	Detection DB #10 loading Fail during Read Initial Info	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5R8HG01	Mode Set Error When Receive BC MODE Command (Mode Value is not 1 or 2 ) during Read Initial Info	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5R8HG02	Detection Level Set Error When Receive BC MODE Command (Detection Level Value is 0 ) during Read Initial Info	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5R8HG03	BC Transaction Ready Fail When Receive BC READY Command during Read Initial Info	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5R8HG04	Mode Set Error When Receive BC READY Command (Mode Value is not 1 or 2 ) during Read Initial Info	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5R8HG05	Detection Level Set Error When Receive BC READY Command (Detection Level Value is 0 ) during Read Initial Info	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5R8HG06	BC Entry Direction Set Error When Receive BC READY Command (Not Deposit-Withdrawal/Stack Direction ) during Read Initial Info	1. Check BC putting direction.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5R8HG07	Receive BC Unknown Command during Read Initial Info	1. Check BC reception full command.1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization.
5R8HG08	The Number of Nations Set Error When Receive BC DATA WRITE Command (Over 0, 10) during Read Initial Info	1. Check the number of supported country.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5R8HG09	Nation Code Set Error When Receive BC DATA WRITE Command during Read Initial Info	1. Check the supported country code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5R8HG10	Detection DB of the Nation is not exist When Receive BC DATA WRITE Command during Read Initial Info	1. Check the BC recognition DB of country.2. Download DB again after deleting all recognition DB3. Operate to initialize BRM(Recovery)4. Reboot the system when same error occurred after initialization.
5R8HG11	No Nation Code When Receive BC READY Command during Read Initial Info	1. Check the country setting value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5R8HG12	BC Version Value Set Error When Receive BC DATA WRITE Command (Not BC FPGA) during Read Initial Info	1. Check the BC specifications devision and BC FPGA specifications.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initializatio
5R8HG20	Fail to Initialize CIS When Receive BC READY Command during Read Initial Info	1. Operate to initialize BRM(Recovery)2. Check CIS part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5R8HG21	Fail to ENCODER POWER ON When Receive BC READY Command during Read Initial Info	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5R8HG22	Fail to adjust DD Sensor DAC When Receive BC READY Command during Read Initial Info	1. Operate to initialize BRM(Recovery)2. Check whether the sensor is contaminated or not if same error occurs after Initialize3. Reboot the system when same error occurs even though there is no substance.
5R8HG23	DD Sensor DAC Set Error When Receive BC READY Command during Read Initial Info	1. Operate to initialize BRM(Recovery)2. Check DD sensor part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5R8HG24	ENCODER Mode Set Error When Receive BC READY Command during Read Initial Info	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance
5R8HG30	Counterfeit Note List CRC Error When Receive BC SERIAL NO Command during Read Initial Info	1. Check the forged notes list CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5R8HG31	Not Receive The Number of Counterfeit Note Lists and CRC When Receive BC SERIAL NO Command during Read Initial Info	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5R8HG32	Over The Number of Counterfeit Note Lists When Receive BC SERIAL NO Command (Over 200) during Read Initial Info	1. Check the whole number of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5R8HG33	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Nation Code 0) during Read Initial Info	1. Check the country code of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5R8HG34	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Length Over 2~29) during Read Initial Info	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5R8HG36	Note Number Detection Mode Set Error When Receive BC MODE Command (Mode Value is Not 0, 1, 2) during Read Initial Info	1. Check to the recognized mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5R8HG37	Transaction Classification Set Error When Receive BC MODE Command (Classification Value is Not 0, 1, 2) during Read Initial Info	1. Check to the transaction setting.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5R8HG38	Counterfeit Note List Search Classification Set Error When Receive BC SERIAL NO Command 위조지폐 목록 검색 구분 설정 오류 (Classification Value is Not 1, 2, 3 ) during Read Initial Info	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5R8HG39	Counterfeit Note List Note Number Set Error When Receive BC SERIAL NO Command (Use '*' When Search Note Number Part) during Read Initial Info	1. Check the forged notes list's note numbers.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5R8HG3A	BC MODE SET Bill Management Level Set Error (Over 1~5) during Read Initial Info	1. Check check management mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5R8HG3B	Over The Number of BC MODE SET Back Codes (Over 15) during Read Initial Info	1. Check the number of check issued by our bank code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5R8HG40	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use End Number at First When Search Note Number Part) during Read Initial Info	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5R8HG41	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use Start Number at Last When Search Note Number Part) during Read Initial Info	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5R8HG42	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Wrong Start/End Number Order When Search Note Number Part) during Read Initial Info	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5R8HG43	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Use Wrong Length Value When Search Note Number Part) during Read Initial Info	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5R8HG44	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Use Wrong Nation Code When Search Note Number Part) during Read Initial Info	1. Check the forged notes list's country-code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5R8HG45	Not Receive The Number of Bill Number Tables and CRC When Receive Check No Write Command during Read Initial Info	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5R8HG46	Bill Number Error When Receive Check No Write Command during Read Initial Info	1. Check the check number when registering check number.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5R8HG47	Bill Number Table Length Set Error When Receive Check No Write Command (Length Over 0~50) during Read Initial Info	1. Check check number table's length.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5R8HG48	Bill Number Table CRC Error When Receive Check No Write Command during Read Initial Info	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5R8HG49	Over The Number of Bill Number Tables When Receive Check No Write Command (Over 5) during Read Initial Info	1. Check check total number of tables.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5R8HH01	Fail to Delete NAND FLASH during Read Initial Info	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5R8HH02	NAND FLASH Delete BLOCK Set Error When Download Detection DB during Read Initial Info	1. Download DB again after checking recognition DB's delete index.2. Operate to initialize BRM(Recovery)
5R8HH03	Fail to Download Detection DB during Read Initial Info	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5R8HH04	NAND FLASH Download BLOCK Set Error When Download Detection DB during Read Initial Info	1. Download DB again after checking recognition DB's index.2. Operate to initialize BRM(Recovery)
5R8HH05	Detection DB Download File Check Error during Read Initial Info	1. Download DB again after checking recognition DB file.2. Operate to initialize BRM(Recovery)
5R8HH06	Detection DB Download File Size Error during Read Initial Info	1. Download DB again after checking recognition DB download file.2. Operate to initialize BRM(Recovery)
5R8HH07	DB Table Save Error After Download Detection DB during Read Initial Info	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5R8HH08	Over Detection DB Download (Over 10) during Read Initial Info	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5R8HH09	Detection DB Header Information Error during Read Initial Info	1. Download DB again after deleting recognition DB.2. Operate to initialize BRM(Recovery)
5R8HH10	EP Download Fail during Read Initial Info	1. Re-download BC EP.2. Change the BC B/D if continuous error.
5R8HH11	EP Download Check Error during Read Initial Info	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5R8HH12	EP Download File Size Error during Read Initial Info	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5R8HH13	EP Download File ID Error (Not EPAP/EPBT/EPFP) during Read Initial Info	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5R8HH14	BC FPGA Download Fail during Read Initial Info	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
5R8HH15	Header Information Save Error After BC FPGA Download during Read Initial Info	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
5R8HH16	Not Provide BC FPGA Download during Read Initial Info	1. Check BC FPGA VERSION.2. Change the BC B/D if continuous error.

Problem Code	Problem Description	Troubleshooting
5R8HH17	EEPROM READ/WRITE Error during Read Initial Info	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
5R8HH18	Receive Unit Serial Number Undefined Option during Read Initial Info	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
5R8HH19	Receive USB Undefined Command during Read Initial Info	1. Check USB Command from BC and retry the operation2. Check BC version and Update EP3. Change the BC B/D if continuous error.
5R8HH20	No BC Process Note When Receive Image Upload Command during Read Initial Info	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5R8HH21	FC1 Set Error When Receive Image Upload Command during Read Initial Info	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5R8HH22	BC is Processing Note When Receive Image Upload Command during Read Initial Info	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5R8HH23	FC2 Set Error When Receive Image Upload Command during Read Initial Info	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5R8HH24	Not Provide Total Image Upload Function during Read Initial Info	1. Check if SP or TM is out of date.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5R8HH25	Not Provide Note Number Detection Image Upload Function during Read Initial Info	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5R8HH26	FC2 Set Error When Receive Image Information Upload Command during Read Initial Info	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5R8HH27	BRM Transaction Mode is Not Same with Image Upload Command Mode during Read Initial Info	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5R8HH28	BRM Transaction Mode is Not Same with Replenishment/Collect Cash Image Upload Command Mode during Read Initial Info	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5R8HH29	No BC Process Note When Receive Replenishment/Collect Cash Image Upload Command during Read Initial Info	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5R8HH2A	FC1 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Read Initial Info	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5R8HH2B	BC is Processing Note When Receive Replenishment/Collect Cash Image Upload Command during Read Initial Info	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.

Problem Code	Problem Description	Troubleshooting
5R8HH2C	FC2 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Read Initial Info	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5R8HH2D	Not Provide Replenishment/Collect Cash Image Upload Function during Read Initial Info	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5R8HH2E	Note Image Upload Index is Not Same When Receive Replenishment/Collect Cash Image Upload Command during Read Initial Info	1. Get BC log and image.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5R8HI01	RecogTask Messeage Timeout Error during Read Initial Info	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5R8HI02	ScanTask Messeage Timeout Error during Read Initial Info	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5R8HI03	UartTask Messeage Timeout Error during Read Initial Info	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5R8HI04	BcUsbTask Messeage Timeout Error during Read Initial Info	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5R8HJ01	Algorithm Initialize Fail during Read Initial Info	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5R8HJ02	Algorithm Ready Fail during Read Initial Info	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5R8HJ03	Algorithm Information Set Error during Read Initial Info	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5R8HK01	Table CRC Error When Set Poly-Note Withdrawal Information during Read Initial Info	1. Retry the operation
5R8HK02	CST Note Information Set Number Error When Set Poly-Note Withdrawal Information (n is 0 or over 256) during Read Initial Info	1. Check the number of CST Setting notes info
5R8HK03	Withdrawal Note Number Set Error When Set Poly-Note Withdrawal Information ( n is 0 or over 3000) during Read Initial Info	1. Check Withdrawal notes setting
5R8HK04	Note Information (Not CST Set Note) is Set in Withdrawal Note Information When Set Poly-Note Withdrawal Information during Read Initial Info	1. Check Withdrawal notes info
5R8HS01	FPGA Write Data Error When Initialize Scan Driver during Read Initial Info	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5R8HS02	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver during Read Initial Info	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5R8HS03	Fail to Set CIS Led On Value When Initialize Scan Driver during Read Initial Info	1. Retry the operation.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5R8HS04	Fail to Set Source of Scan Light When Initialize Scan Driver during Read Initial Info	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5R8HS05	Not Process Shading When Initialize Scan Driver during Read Initial Info	1. Perform CiS Shading.2. Operate to initialize BRM(Recovery)
5R8HS08	Fail to Set DAC When Initialize Scan Driver during Read Initial Info	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5R8HS11	FPGA Write Data Error When BC Ready during Read Initial Info	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5R8HS12	Fail to Power On When BC Ready Sensor(MR/UV/DD/Encoder/Entry Sensor) during Read Initial Info	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5R8HS13	Fail to Set CIS Led On Value When BC Ready during Read Initial Info	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5R8HS14	Fail to Set Source of Scan Ligh When BC Ready during Read Initial Info	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5R8HS15	Not Process Shading When BC Ready during Read Initial Info	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5R8HS17	Fail to Set AFE Chip When BC Ready during Read Initial Info	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5R8HS18	Fail to Set DAC When BC Ready during Read Initial Info	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5R8HS19	MR/UV/DD Sampling Start Error When BC Ready during Read Initial Info	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5R8HS1A	Fail to Set 2-Notes DAC When BC Ready during Read Initial Info	1. Check whether double notes sensor is contaminate or not.2. Check whether double notes sensor is connected.3. Retry the operation.4. Change the BC if continuous error.
5R8HS1B	2-Notes to 1-Note Adjust Information Error When BC Ready during Read Initial Info	1. Perform calibration info about double notes or one note.2. Operate to initialize BRM(Recovery)
5R8HS22	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver When Stop BC during Read Initial Info	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5R8HS28	Fail to Set DAC When Stop BC during Read Initial Info	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5R8HS29	MR/UV/DD Sampling Stop Error When Stop BC during Read Initial Info	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5R8HS31	BC Ready Fail When Process CIS Shading – Use in Plant during Read Initial Info	1. Perform calibration info about double notes or one note and double notes DAC2. Retry the operation
5R8HS32	Dark Adjust Fail When Process CIS Shading – Use in Plant during Read Initial Info	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Change CIS and Cable5. Change BC
5R8HS33	Over Target Gap When Process CIS Shading Shading – Use in Plant during Read Initial Info	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
5R8HS34	Fail to Write Result Value Flash When Process CIS Shading – Use in Plant during Read Initial Info	1. Retry the operation2. Change BC

Problem Code	Problem Description	Troubleshooting
5R8HS35	BC Stop Fail When Process CIS Shading – Use in Plant during Read Initial Info	1. Retry the operation2. Change BC
5R8HS36	Over 10Pixel-Excess-Image When Process CIS Shading during Read Initial Info	1. Retry the operation2. Check CIS note quility and setting status3. Check CIS Connection Status4. Change BC
5R8HS37	Dark Shading Result Value is Standard Over When Process CIS Shading during Read Initial Info	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Retry the operation5. Change BC
5R8HS38	Max Ontime Ove When Process CIS Shadingr – Use in Plant during Read Initial Info	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
5R8HS39	Fail to Set Source of Shading Light When Process CIS Shading – Use in Plant during Read Initial Info	1. Retry the operation2. Change BC
5R8HS41	Fail to Adjust 2-Notes DAC (Less Than MIN) – Use in Plant during Read Initial Info	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the operation4. Change BC
5R8HS42	Fail to Adjust 2-Notes DAC (Over MAX) – Use in Plant during Read Initial Info	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the operation4. Change BC
5R8HS43	2-Notes Adjust Flash Write Fail – Use in Plant during Read Initial Info	1. Retry the operation2. Change BC
5R8R100	BC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5R8R200	BC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5R8R300	BC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5R8R600	BC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5RAA100	UTC open Error before operation Read Initial Info	1. Open the upper unit. 2. Check the UTC removal and reinstallation
5RAA200	TSK open Error before operation Read Initial Info	1. Open the upper unit. 2. Check the TSK open and close
5RAA300	BMU Inter Lock Error before operation Read Initial Info	1. Check BMU open and close
5RAA400	BMU open Error before operation Read Initial Info	1. Check BMU open and close
5RAA500	Replenishment CST open Error before operation Read Initial Info	1. Check the Transit CST installation
5RAA600	CSM open Error before operation Read Initial Info	1. Open the upper unit. 2. Check CSM Open/Close
5RAA800	BMD Inter Lock Error before operation Read Initial Info	1. Open the lower unit. 2. Check the BMD open and close
5RAA900	BMD open Error before operation Read Initial Info	1. Open the lower unit. 2. Check the BMD open and close

Problem Code	Problem Description	Troubleshooting
5RAAA00	BC Open Error before operation Read Initial Info	1. Open the upper unit. 2. Check BC Open/Close
5RAAB00	RC Full Error before operation Read Initial Info	1. Open the lower unit. 2. Check RC Full and remove notes
5RAAC00	RJC Full Error before operation Read Initial Info	1. Open the upper unit. 2. Check RJC Full and remove notes
5RAAD00	UTC Full Error before operation Read Initial Info	1. Open the upper unit. 2. Remove UTC and open the UTC Door3. Remove notes and reinstallation UTC
5RAAE00	RTC Full Error before operation Read Initial Info	1. Open the lower unit. 2. Remove RT/RJC and open the Door3. Remove notes and reinstall RT/RJC
5RAAF00	RC Empty Error before operation Read Initial Info	1. Open the lower unit. 2. Remove RC and open the RC Door, Check the Empty Status3. Reinstall the RC
5RAAG00	Suspected note RC open Error before operation Read Initial Info	1. Open the lower unit. 2. Check the RC removal and reinstall
5RAE100	Received operation command without Initial Info Set during Read Initial Info	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5RAE200	Status on not operation reception command during Read Initial Info	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5RAE300	Received operation command without System Info Read during Read Initial Info	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5RAE400	Transaction was executed without Initializing after power on during Read Initial Info	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5RAEE00	RBU RS485 communication sequence disorder during Read Initial Info	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5RAEF00	RBU RS485 connection line disorder during Read Initial Info	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5RAEL00	RBU communication was not ready after power on during Read Initial Info	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5RAH600	Failure to check clearing NVRAM during Read Initial Info	1. Operate to initialize BRM(Recovery)
5RBH100	RC1 EEPROM Read Error during Read Initial Info	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5RBH200	RC2 EEPROM Read Error during Read Initial Info	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5RBH300	RC3 EEPROM Read Error during Read Initial Info	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5RBH400	RC4 EEPROM Read Error during Read Initial Info	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization

Problem Code	Problem Description	Troubleshooting
5RBH500	RC5 EEPROM Read Error during Read Initial Info	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5RBH600	RC6 EEPROM Read Error during Read Initial Info	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5RBH700	RC1 EEPROM Write Error during Read Initial Info	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5RBH800	RC2 EEPROM Write Error during Read Initial Info	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5RBH900	RC3 EEPROM Write Error during Read Initial Info	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5RBHA00	RC4 EEPROM Write Error during Read Initial Info	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5RBHB00	RC5 EEPROM Write Error during Read Initial Info	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5RBHC00	RC6 EEPROM Write Error during Read Initial Info	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5RBHD00	RC1 EEPROM Verify Error during Read Initial Info	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5RBHE00	RC2 EEPROM Verify Error during Read Initial Info	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5RBHF00	RC3 EEPROM Verify Error during Read Initial Info	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5RBHG00	RC4 EEPROM Verify Error during Read Initial Info	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5RBHH00	RC5 EEPROM Verify Error during Read Initial Info	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5RBHJ00	RC6 EEPROM Verify Error during Read Initial Info	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5RBHK00	BMD Open Error During EEPROM Read/Write during Read Initial Info	1. Check the lower Unit load/removal
5RBHU00	BMD EEPROM Read Error during Read Initial Info	1. Replace RBU B/D
5RBHV00	BMD EEPROM Write Error during Read Initial Info	1. Replace RBU B/D
5RBHW00	BMD EEPROM Verify Error during Read Initial Info	1. Replace RBU B/D
5RBHX00	RC7 EEPROM Read Error during Read Initial Info	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization

Problem Code	Problem Description	Troubleshooting
5RBHY00	RC7 EEPROM Write Error during Read Initial Info	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5RBHZ00	RC7 EEPROM Verify Error during Read Initial Info	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5RBR000	RBU Response Timeout during Read Initial Info	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5RBR700	RBU Response Message Timeout during Read Initial Info	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5RBS100	RBU RS-232 Seq Num Echo Error during Read Initial Info	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5RBS200	RBU RS-232 MI Echo Error during Read Initial Info	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5RCR100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5RCR200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5RCR300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5RCR600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5REH800	CST EEPROM Write Error during Read Initial Info	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5REH900	CST EEPROM Read Error during Read Initial Info	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5RER100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5RER200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5RER300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5RER600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5RUS100	USB Bulk Sequence Error during Read Initial Info.	1. Restart over AP-SP

Problem Code	Problem Description	Troubleshooting
5RUS300	USB Bulk Received Length Error during Read Initial Info.	1. Reboot the system
5RUS400	Message transmission Error from USB to Main Task during Read Initial Info.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
5RUS500	Message reception Error from MainTask to USB during Read Initial Info.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
5RUSCMD	Bulk command data check error during Read Initial Info. (USB communication failure)	1. Restart over AP-SP
5RUSCRC	CRC data check error during Read Initial Info. (USB communication failure)	1. Restart over AP-SP
5RUSLEN	Bulk length error during Read Initial Info. (USB communication failure)	1. Restart over AP-SP
5SAE100	Received operation command without Initial Info Set during Counterfeil-bill-table registration/inquire command	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5SAE200	Status on not operation reception command during Counterfeil-bill-table registration/inquire command	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5SAE300	Received operation command without System Info Read during Counterfeil-bill-table registration/inquire command	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5SAE400	Transaction was executed without Initializing after power on during Counterfeil-bill-table registration/inquire command	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5SAEE00	RBU RS485 communication sequence disorder during Counterfeil-bill-table registration/inquire command	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5SAEF00	RBU RS485 connection line disorder during Counterfeil-bill-table registration/inquire command	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5SAEL00	RBU communication was not ready after power on during Counterfeil-bill-table registration/inquire command	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5SAH600	Failure to check clearing NVRAM during Counterfeil-bill-table registration/inquire command	1. Operate to initialize BRM(Recovery)
5SAH700	Failure to write specific character after NVRAM clear during Counterfeil-bill-table registration/inquire command	1. Operate to initialize BRM(Recovery)
5SBR000	RBU Response Timeout during Counterfeil-bill-table registration/inquire command	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5SBR700	RBU Response Message Timeout during Counterfeil-bill-table registration/inquire command	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5SBS100	RBU RS-232 Seq Num Echo Error during Counterfeil-bill-table registration/inquire command	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5SBS200	RBU RS-232 MI Echo Error during Counterfeil-bill-table registration/inquire command	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5SBSS00	RBU Auto Calibration Command Parameter Error during Counterfeil-bill-table registration/inquire command	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5SUSCMD	Bulk command data check error when receiving BCU counterfeit-bill-table registration/inquire. (USB communication failure)	1. Restart over AP-SP
5SUSCRC	CRC data check error when receiving BCU counterfeit-bill-table registration/inquire. (USB communication failure)	1. Restart over AP-SP
5SUSLEN	Bulk length error when receiving BCU counterfeit-bill-table registration/inquire. (USB communication failure)	1. Restart over AP-SP
5T0FKF0	Fail to check GM002 motor encoder normal status during Module Test (Hall Count 0)	1. Check the duplicate note and remove the note.2. Operate to initialize BRM(Recovery)
5T0FKF1	Fail to check GM002 motor encoder normal status during Module Test	1. Check the duplicate note and remove the note.2. Operate to initialize BRM(Recovery)
5T1G200	RC1 Failure to move PP to stack position during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (A)4. Open the recycle cassette door(A) 5. Check cassette status to move stage up and down
5T1G800	RC1 Failure to move PP to press position (GS108 Sensor Dark Fail) during Module Test	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(A).4. Check the stage status after open the recycle cassette(A).5. Check the upper side of the recycle cassette
5T1G800	RC1 Failure to move PP to press position (GS108 Sensor Dark Fail) during Module Test	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(A).4. Check the stage status after open the recycle cassette(A).5. Check the upper side of the recycle cassette
5T1R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5T1R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5T1R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5T1R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5T2G800	RC2 Failure to move PP to press position (GS208 Sensor Dark Fail) during Module Test	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(B).4. Check the stage status after open the recycle cassette(B).5. Check the upper side of the recycle cassette
5T2GA00	RC2 Solenoid Echo error during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (B) after removing recycle cassette4. Replace the cassette when same error occurs
5T2GF00	RC2 Notes Setting error during initialize (GS214, Bottom Sensor(GS212) both dark) during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note.
5T2R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5T2R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5T2R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5T2R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5T30100	RC3 GS301 Light Jam during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T30200	RC3 GS302 Light Jam during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T30500	RC3 GS305 Light Jam during Module Test	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(C)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5T31100	RC3 GS301 Dark Jam during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T31200	RC3 GS302 Dark Jam during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T31500	RC3 GS305 Dark Jam during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5T32100	Error occurred by notes remained in RC3 GS301 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T32200	Error occurred by notes remained in RC3 GS302 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T32500	Error occurred by notes remained in RC3 GS305 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T33100	Sensor auto calibration error in RC3 GS301 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T33200	Sensor auto calibration error in RC3 GS302 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T33500	Sensor auto calibration error in RC3 GS305 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T34100	Extern lights check error in RC3 GS301 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T34200	Extern lights check error in RC3 GS302 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T34500	Extern lights check error in RC3 GS305 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T35100	Path error on transport path in RC3 GS301 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5T35200	Path error on transport path in RC3 GS302 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T35500	Path error on transport path in RC3 GS305 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T36100	Path error on sensor except for transport path in RC3 GS301 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T36200	Path error on sensor except for transport path in RC3 GS302 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T36500	Path error on sensor except for transport path in RC3 GS305 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T37100	Error occurred by the notes disorder in RC3 GS301 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T37200	Error occurred by the notes disorder in RC3 GS302 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T37500	Error occurred by the notes disorder in RC3 GS305 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T3G200	RC3 Failure to move PP to stack position during Module Test	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(C) . 4. Open the recycle cassette door(C).5. Check cassette status to move stage up and down.
5T3G500	RC3 Failure to stack roller retreat (GS313 Sensor no change) during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5T3G800	RC3 Failure to move PP to press position (GS308 Sensor Dark Fail) during Module Test	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(C).4. Check the stage status after open the recycle cassette(C).5. Check the upper side of the recycle cassette

Problem Code	Problem Description	Troubleshooting
5T3GA00	RC3 RC Solenoid Echo error during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (C) after removing recycle cassette4. Replace the cassette when same error occurs
5T3L100	Remaining notes stack process error in RC3 GS301 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T3L200	Remaining notes stack process error in RC3 GS302 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T3L500	Remaining notes stack process error in RC3 GS305 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T3R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5T3R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5T3R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5T3R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5T40100	RC4 GS401 Light Jam during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T40200	RC4 GS402 Light Jam during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T40500	RC4 GS405 Light Jam during Module Test	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(D)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5T41100	RC4 GS401 Dark Jam during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5T41200	RC4 GS402 Dark Jam during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T41500	RC4 GS405 Dark Jam during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T42100	Error occurred by notes remained in RC4 GS401 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T42200	Error occurred by notes remained in RC4 GS402 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T42500	Error occurred by notes remained in RC4 GS405 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T43100	Sensor auto calibration error in RC4 GS401 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T43200	Sensor auto calibration error in RC4 GS402 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T43500	Sensor auto calibration error in RC4 GS405 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T44100	Extern lights check error in RC4 GS401 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T44200	Extern lights check error in RC4 GS402 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5T44500	Extern lights check error in RC4 GS405 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T45100	Path error on transport path in RC4 GS401 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T45200	Path error on transport path in RC4 GS402 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T45500	Path error on transport path in RC4 GS405 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T46100	Path error on sensor except for transport path in RC4 GS401 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T46200	Path error on sensor except for transport path in RC4 GS402 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T46500	Path error on sensor except for transport path in RC4 GS405 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T47100	Error occurred by the notes disorder in RC4 GS401 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T47200	Error occurred by the notes disorder in RC4 GS402 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T47500	Error occurred by the notes disorder in RC4 GS405 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T4G400	RC4 Failure to upword moving of PP during RC4 stack roller retreat movement during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette (D)4. Open the recycle cassette door (D)5. Check cassette status to move stage up and down

Problem Code	Problem Description	Troubleshooting
5T4G500	RC4 Failure to stack roller retreat (GS413 Sensor no change) during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5T4G700	RC4 RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS407) no change) during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5T4G800	RC4 Failure to move PP to press position (GS408 Sensor Dark Fail) during Module Test	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(D).4. Check the stage status after open the recycle cassette(D).5. Check the upper side of the recycle cassette
5T4GD00	RC4 GS401,GS402 Detect notes during move RC Feed Roller to homeposition during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T4GJ00	RC4 RC Stack Roller retreat fail (Motor Overrun) during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5T4L100	Remaining notes stack process error in RC4 GS401 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T4L200	Remaining notes stack process error in RC4 GS402 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T4L500	Remaining notes stack process error in RC4 GS405 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T4R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5T4R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5T4R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5T4R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5T50100	RC5 GS501 Light Jam during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T50200	RC5 GS502 Light Jam during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T50500	RC5 GS505 Light Jam during Module Test	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(E)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5T51100	RC5 GS501 Dark Jam during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T51200	RC5 GS502 Dark Jam during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T51500	RC5 GS505 Dark Jam during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T52100	Error occurred by notes remained in RC5 GS501 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T52200	Error occurred by notes remained in RC5 GS502 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T52500	Error occurred by notes remained in RC5 GS505 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T53100	Sensor auto calibration error in RC5 GS501 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T53200	Sensor auto calibration error in RC5 GS502 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5T53500	Sensor auto calibration error in RC5 GS505 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T54100	Extern lights check error in RC5 GS501 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T54200	Extern lights check error in RC5 GS502 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T54500	Extern lights check error in RC5 GS505 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T55100	Path error on transport path in RC5 GS501 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T55200	Path error on transport path in RC5 GS502 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T55500	Path error on transport path in RC5 GS505 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T56100	Path error on sensor except for transport path in RC5 GS501 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T56200	Path error on sensor except for transport path in RC5 GS502 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T56500	Path error on sensor except for transport path in RC5 GS505 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5T57100	Error occurred by the notes disorder in RC5 GS501 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T57200	Error occurred by the notes disorder in RC5 GS502 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T57500	Error occurred by the notes disorder in RC5 GS505 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T5L100	Remaining notes stack process error in RC5 GS501 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T5L200	Remaining notes stack process error in RC5 GS502 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T5L500	Remaining notes stack process error in RC5 GS505 during Module Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5T5R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5T5R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5T5R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5T5R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5T62100	CSM Residue Error during Module Test	1. Open the upper unit.2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5T62Z00	CSM Residue Error during during Module Test	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5T6G100	Fail to move CSM BP to Stack Position during Module Test	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
5T6G200	Fail to move CSM BP to Deposit Position during Module Test	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
5T6G300	Fail to move CSM BP to Separation Position during Module Test	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
5T6G600	Fail to move CSM P-Roller to Home position during Module Test	1. Open the upper unit.2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
5T6GB00	Fail to move CSM FP to Deposit Position during Module Test	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Press and release FP check the FP rotate smoothly5. Check GS652 status(Dark & Light)
5T6GD00	Fail to move CSM Lift to Up position during Module Test	1. Open the upper unit.2. Open the customer service module (CSM) shutter(1)3.Check the notes and substance inside of the CSM
5T6GE00	Fail to move CSM Lift to Down position during Module Test	1. Open the upper unit. 2. Open the customer service module (CSM) shutter(1)3.Check the notes and substance inside of the CSM
5T6GF00	Fail to move CSM G-Roller to Homeposition during Module Test	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
5T6H100	CSM EEPROM Write Error (System info inquiry/EEPROM Write) during Module Test	1. Check CSM EEPROM2. Cehck CSM EEPROM connection3. Replace CSM B/D if same error occurs during EEPROM R/W
5T6H200	CSM EEPROM Read Error (System info inquiry/EEPROM Read/Wrtie) during Module Test	1. Check CSM EEPROM2. Cehck CSM EEPROM connection3. Replace CSM B/D if same error occurs during EEPROM R/W
5T6M200	CSM Inner Shutter Open Error during Module Test	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
5T6M300	CSM Inner Shutter Close Error during Module Test	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
5T6M400	CSM Outer Shutter Open Error during Module Test	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light

Problem Code	Problem Description	Troubleshooting
5T6M500	CSM Outer Shutter Close Error during Module Test	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
5T6M800	CSM Stopper Home position Fail during Module Test	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move PP Front5. Move Bill Stopper forward/backward and check GS668 sensor status6. Initialize
5T6M900	CSM Stopper Stack position Fail during Module Test	1. Open the upper unit.2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move PP Front5. Move Bill Stopper forward/backward and check GS668 sensor status6. Initialize
5T6M900	CSM Stopper Stack position Fail during Module Test	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move PP Front5. Move Bill Stopper forward/backward and check GS668 sensor status6. Initialize
5T6MB00	CSM Bill Supporter Up position Fail during Module Test	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Check the failure and breakage of Bill Lifter/Support5. Initialize
5T6MC00	CSM Bill Supporter Down position Fail during Module Test	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Check the failure and breakage of Bill Lifter/Support5. Initialize
5T6P100	CSM PP Withdrawal(Stack) position Fail during Module Test	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5T6P200	CSM PP Deposit position Fail during Module Test	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5T6R100	CSM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5T6R200	CSM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5T6R300	CSM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5T6R600	CSM response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5T70100	TSK GS701 Light Jam during Module Test	1. Open the upper unit2. Open the TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) Transport PATH(4)
5T70200	TSK GS702 Light Jam during Module Test	1. Open the upper unit2. Open the TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) Transport PATH(4)
5T70300	TSK GS703,4 Light Jam during Module Test	1. Open the upper unit2. Open the TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) Transport PATH(4)
5T70Z00	TSK All Light Jam during Module Test	1. Open the upper unit2. Open the TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) Transport PATH(4)
5T71100	TSK GS701 Dark Jam during Module Test	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5T71200	TSK GS702 Dark Jam during Module Test	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5T71300	TSK GS703,4 Dark Jam during Module Test	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5T71Z00	TSK All Dark Jam during Module Test	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5T72100	Error occurred by notes remained in TSK GS701 during Module Test	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5T72200	Error occurred by notes remained in TSK GS702 during Module Test	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5T72300	Error occurred by notes remained in TSK GS703,4 during Module Test	1. Open the upper unit2. Check the notes remain in the TSK(5)3. Check the GS701/GS702/GS706/GS707 Sensor4. Remove notes remain in the TSK
5T72Z00	Error occurred by notes remained in TSK All Sensor during Module Test	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5T77100	Error occurred by the notes disorder in TSK GS701 during Module Test	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5T77200	Error occurred by the notes disorder in TSK GS702 during Module Test	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5T77300	Error occurred by the notes disorder in TSK GS703,4 during Module Test	1. Open the upper unit2. Check the notes remain in the TSK(5)3. Check the GS701/GS702/GS706/GS707 Sensor4. Remove notes remain in the TSK
5T77Z00	Error occurred by the notes disorder in TSK All during Module Test	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)

Problem Code	Problem Description	Troubleshooting
5T7B200	Note detected in TSK Entry After Separate Ready during Module Test	1. Open the upper unit2. Open the TSK(Temporary StackKer) (5)3. Remove notes and substance on the PATH(4)
5T7C100	TSK Miss-pickup during separation during Module Test	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) 4. If the same symptoms occur frequently, change the P-roller rubber
5T7C200	TSK Last note unclear during separation during Module Test	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) 4. Close the upper unit5. Initialize
5T7C300	TSK Last note No front detect during separataion during Module Test	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate a knob of TSK(5)4. Remove notes and substance TSK(5)
5T7C400	TSK Last note No rear detect during separataion during Module Test	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate a knob of TSK(5)4. Remove notes and substance TSK(5)
5T7C500	TSK Max Length NG occur 10 times Dark Jam during Module Test	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) 4. If the same symptoms occur frequently, change the TSK(5)
5T7C600	TSK Max length note stucked in entry Light Jam during Module Test	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5T7C700	TSK Light Jam Retry Over Error during Module Test	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5T7C800	TSK Max length note go out from TSK during motor stop and stucked in BM during Module Test	1. Open the upper unit2. Open the TSK(Temporary StackKer) (5)3. Remove notes and substance on the PATH(4)
5T7C900	TSK Low speed control 30 times over Error during Module Test	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) 4. If the same symptoms occur frequently, change the TSK(5)
5T7CA00	TSK Incounted note is not Outcounted for 500ms during Module Test	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5T7F100	TSK GM701 stepout during separation during Module Test	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5) 6. Rotate the knob of TSK(5) to find obstruction out
5T7F200	TSK GM701 stepout during stack during Module Test	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5) 6. Rotate the knob of TSK(5) to find obstruction out
5T7F300	TSK GM701 F-Roller Homeposition fail during Module Test	1. Open the upper unit2. Open the TM(Test Module)3. Rotate the knob of TSK to check sensor(GS752) change 4. Rotate the knob of TSK(5) to find obstruction out
5T7G100	GM701 Return notes fail during Module Test	1. Open the upper unit2. Confirm to Rotate a knob of TSK(5) softly

Problem Code	Problem Description	Troubleshooting
5T7J100	TSK Full during Module Test	1. Open the upper unit2. Open the TSK(5)3. Check the notes remain in the TSK(5)4. Remove notes remain in the TSK
5T7J200	TSK Empty during ready separation during Module Test	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if PP(Push Plate) was obstructed to rotate PP knob
5T7L100	Remaining notes stack process error in TSK GS701 during Module Test	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5T7L200	Remaining notes stack process error in TSK GS702 during Module Test	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5T7L300	Remaining notes stack process error in TSK GS703,4 during Module Test	1. Open the upper unit2. Check the notes remain in the TSK(5)3. Check the GS701/GS702/GS706/GS707 Sensor4. Remove notes remain in the TSK
5T7LZ00	Remaining notes stack process error in TSK All during Module Test	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5T7M100	TSK Stopper Home position for intialize fail during Module Test	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if stopper was obstructed
5T7M200	TSK Stopper Stack position for intialize fail during Module Test	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if stopper was obstructed
5T7M300	TSK Stopper Return note position for intialize fail during Module Test	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if stopper was obstructed
5T7M400	TSK Stopper Lock FP Fail during Module Test	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if FP(Front Plate) was obstructed
5T7M500	TSK Stopper Unlock FP Fail during Module Test	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if FP(Front Plate) was obstructed
5T7P100	FP Sensor detect Dark Fail during Module Test	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if PP(Push Plate) was obstructed to rotate PP knob4. Check if FP(Front Plate) was obstructed to rotate
5T7P200	FP Sensor detect Light Fail during Module Test	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if PP(Push Plate) was obstructed to rotate PP knob4. Check if FP(Front Plate) was obstructed to rotate
5T7P300	PP Press position fail during Module Test	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if PP(Push Plate) was obstructed to rotate PP knob
5T7P400	PP Bottom position fail during Module Test	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if PP(Push Plate) was obstructed to rotate PP knob
5T7Q700	TSK Door Open during operation in Module Test	1. Close the door of TSK(5)
5T7Q800	TSK Door Lock fail during operation in Module Test	1. Operate to initialize BRM(Recovery)2. Retry the operation.
5T7Q900	TSK Door Release fail during operation in Module Test	1. Operate to initialize BRM(Recovery)2. Retry the operation.

Problem Code	Problem Description	Troubleshooting
5T7R100	TSK response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5T7R200	TSK response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5T7R300	TSK response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5T7R600	TSK response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5T7RF00	TSK Feed Motor response timeout in Module Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5T7RP00	TSK PP response timeout in Module Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5T7RT00	TSK Stopper response timeout in Module Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5T7S200	TSK Receive undefined command in Module Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5T7SR00	TSK Sub Task for Wait Setting Error in Module Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5T8HA01	GS801A Sensor Error during Module Test	1. Check GS801A2. Operate to initialize BRM(Recovery)
5T8HA02	GS801B Sensor Error during Module Test	1. Check GS801B2. Operate to initialize BRM(Recovery)
5T8HA03	GS801A, GS801B Sensor Error during Module Test	1. Check GS801A, GS801B2. Operate to initialize BRM(Recovery)
5T8HA04	GS802A Sensor Error during Module Test	1. Check GS802A2. Operate to initialize BRM(Recovery)
5T8HA05	GS801A, GS802A Sensor Error during Module Test	1. Check GS801A, GS802A2. Operate to initialize BRM(Recovery)
5T8HA06	GS801B, GS802A Sensor Error during Module Test	1. Check GS801B, GS802A2. Operate to initialize BRM(Recovery)
5T8HA07	GS801A, GS801B, GS802A Sensor Error during Module Test	1. Check GS801A, GS801B, GS802A2. Operate to initialize BRM(Recovery)
5T8HA08	GS802B Sensor Error during Module Test	1. Check GS802B2. Operate to initialize BRM(Recovery)
5T8HA09	GS801A, GS802B Sensor Error during Module Test	1. Check GS801A, GS802B2. Operate to initialize BRM(Recovery)
5T8HA10	GS801B, GS802B Sensor Error during Module Test	1. Check GS801B, GS802B2. Operate to initialize BRM(Recovery)
5T8HA11	GS801A, GS801B, GS802B Sensor Error during Module Test	1. Check GS801A, GS801B, GS802B2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5T8HA12	GS802A, GS802B Sensor Error during Module Test	1. Check GS802A, GS802B. Operate to initialize BRM(Recovery)
5T8HA13	GS801A, GS802A, GS802B Sensor Error during Module Test	1. Check GS801A, GS802A, GS802B. Operate to initialize BRM(Recovery)
5T8HA14	GS801B, GS802A, GS802B Sensor Error during Module Test	1. Check GS801B, GS802A, GS802B. Operate to initialize BRM(Recovery)
5T8HA15	GS801A, GS801B, GS802A, GS802B Sensor Error during Module Test	1. Check GS801A, GS801B, GS802A, GS802B. Operate to initialize BRM(Recovery)
5T8HB01	MR Sensor Level Error during Module Test	1. Check MR Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5T8HC02	UV_01 Sensor Level Error during Module Test	1. Check UV Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5T8HF03	CIS Shading data loading Fail during Module Test	1. Operate shading in the BC CIS2. Operate to initialize BRM(Recovery)
5T8HF04	Detection DB Table loading Fail during Module Test	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5T8HF05	BC FPGA Data checksum Fail during Module Test	1. Check to BC FPGA File2. Operate to initialize BRM(Recovery)
5T8HF06	BC FPGA Configuration Fail during Module Test	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5T8HF07	BC FPGA Header Information Loading Fail during Module Test	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5T8HF08	BC FPGA Initialize Fail during Module Test	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5T8HF09	BC FPGA VERSION Fail during Module Test	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5T8HF11	Detection DB #01 loading Fail during Module Test	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5T8HF12	Detection DB #02 loading Fail during Module Test	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5T8HF13	Detection DB #03 loading Fail during Module Test	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5T8HF14	Detection DB #04 loading Fail during Module Test	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5T8HF15	Detection DB #05 loading Fail during Module Test	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5T8HF16	Detection DB #06 loading Fail during Module Test	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5T8HF17	Detection DB #07 loading Fail during Module Test	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5T8HF18	Detection DB #08 loading Fail during Module Test	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5T8HF19	Detection DB #09 loading Fail during Module Test	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5T8HF20	Detection DB #10 loading Fail during Module Test	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5T8HG01	Mode Set Error When Receive BC MODE Command (Mode Value is not 1 or 2 ) during Module Test	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5T8HG02	Detection Level Set Error When Receive BC MODE Command (Detection Level Value is 0 ) during Module Test	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5T8HG03	BC Transaction Ready Fail When Receive BC READY Command during Module Test	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5T8HG04	Mode Set Error When Receive BC READY Command (Mode Value is not 1 or 2 ) during Module Test	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5T8HG05	Detection Level Set Error When Receive BC READY Command (Detection Level Value is 0 ) during Module Test	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5T8HG06	BC Entry Direction Set Error When Receive BC READY Command (Not Deposit-Withdrawal/Stack Direction ) during Module Test	1. Check BC putting direction.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5T8HG07	Receive BC Unknown Command during Module Test	1. Check BC reception full command.1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization.
5T8HG08	The Number of Nations Set Error When Receive BC DATA WRITE Command (Over 0, 10) during Module Test	1. Check the number of supported country.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5T8HG09	Nation Code Set Error When Receive BC DATA WRITE Command during Module Test	1. Check the supported country code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5T8HG10	Detection DB of the Nation is not exist When Receive BC DATA WRITE Command during Module Test	1. Check the BC recognition DB of country.2. Download DB again after deleting all recognition DB3. Operate to initialize BRM(Recovery)4. Reboot the system when same error occurred after initialization.
5T8HG11	No Nation Code When Receive BC READY Command during Module Test	1. Check the country setting value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5T8HG12	BC Version Value Set Error When Receive BC DATA WRITE Command (Not BC FPGA) during Module Test	1. Check the BC specifications devision and BC FPGA specifications.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initializatio
5T8HG20	Fail to Initialize CIS When Receive BC READY Command during Module Test	1. Operate to initialize BRM(Recovery)2. Check CIS part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.

Problem Code	Problem Description	Troubleshooting
5T8HG21	Fail to ENCODER POWER ON When Receive BC READY Command during Module Test	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5T8HG22	Fail to adjust DD Sensor DAC When Receive BC READY Command during Module Test	1. Operate to initialize BRM(Recovery)2. Check whether the sensor is contaminated or not if same error occurs after Initialize3. Reboot the system when same error occurs even though there is no substance.
5T8HG23	DD Sensor DAC Set Error When Receive BC READY Command during Module Test	1. Operate to initialize BRM(Recovery)2. Check DD sensor part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5T8HG24	ENCODER Mode Set Error When Receive BC READY Command during Module Test	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance
5T8HG30	Counterfeit Note List CRC Error When Receive BC SERIAL NO Command during Module Test	1. Check the forged notes list CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5T8HG31	Not Receive The Number of Counterfeit Note Lists and CRC When Receive BC SERIAL NO Command during Module Test	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5T8HG32	Over The Number of Counterfeit Note Lists When Receive BC SERIAL NO Command (Over 200) during Module Test	1. Check the whole number of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5T8HG33	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Nation Code 0) during Module Test	1. Check the country code of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5T8HG34	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Length Over 2~29) during Module Test	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5T8HG36	Note Number Detection Mode Set Error When Receive BC MODE Command (Mode Value is Not 0, 1, 2) during Module Test	1. Check to the recognized mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5T8HG37	Transaction Classification Set Error When Receive BC MODE Command (Classification Value is Not 0, 1, 2) during Module Test	1. Check to the transaction setting.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5T8HG38	Counterfeit Note List Search Classification Set Error When Receive BC SERIAL NO Command 위조지폐 목록 검색 구분 설정 오류 (Classification Value is Not 1, 2, 3 ) during Module Test	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5T8HG39	Counterfeit Note List Note Number Set Error When Receive BC SERIAL NO Command (Use '*' When Search Note Number Part) during Module Test	1. Check the forged notes list's note numbers.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5T8HG3A	BC MODE SET Bill Management Level Set Error (Over 1~5) during Module Test	1. Check check management mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.

Problem Code	Problem Description	Troubleshooting
5T8HG3B	Over The Number of BC MODE SET Back Codes (Over 15) during Module Test	1. Check the number of check issued by our bank code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5T8HG40	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use End Number at First When Search Note Number Part) during Module Test	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5T8HG41	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use Start Number at Last When Search Note Number Part) during Module Test	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5T8HG42	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Wrong Start/End Number Order When Search Note Number Part) during Module Test	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5T8HG43	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Use Wrong Length Value When Search Note Number Part) during Module Test	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5T8HG44	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Use Wrong Nation Code When Search Note Number Part) during Module Test	1. Check the forged notes list's country-code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5T8HG45	Not Receive The Number of Bill Number Tables and CRC When Receive Check No Write Command during Module Test	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5T8HG46	Bill Number Error When Receive Check No Write Command during Module Test	1. Check the check number when registering check number.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5T8HG47	Bill Number Table Length Set Error When Receive Check No Write Command (Length Over 0~50) during Module Test	1. Check check number table's length.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5T8HG48	Bill Number Table CRC Error When Receive Check No Write Command during Module Test	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5T8HG49	Over The Number of Bill Number Tables When Receive Check No Write Command (Over 5) during Module Test	1. Check check total number of tables.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5T8HH01	Fail to Delete NAND FLASH during Module Test	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5T8HH02	NAND FLASH Delete BLOCK Set Error When Download Detection DB during Module Test	1. Download DB again after checking recognition DB's delete index.2. Operate to initialize BRM(Recovery)
5T8HH03	Fail to Download Detection DB during Module Test	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5T8HH04	NAND FLASH Download BLOCK Set Error When Download Detection DB during Module Test	1. Download DB again after checking recognition DB's index.2. Operate to initialize BRM(Recovery)
5T8HH05	Detection DB Download File Check Error during Module Test	1. Download DB again after checking recognition DB file.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5T8HH06	Detection DB Download File Size Error during Module Test	1. Download DB again after checking recognition DB download file.2. Operate to initialize BRM(Recovery)
5T8HH07	DB Table Save Error After Download Detection DB during Module Test	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5T8HH08	Over Detection DB Download (Over 10) during Module Test	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5T8HH09	Detection DB Header Information Error during Module Test	1. Download DB again after deleting recognition DB.2. Operate to initialize BRM(Recovery)
5T8HH10	EP Download Fail during Module Test	1. Re-download BC EP.2. Change the BC B/D if continuous error.
5T8HH11	EP Download Check Error during Module Test	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5T8HH12	EP Download File Size Error during Module Test	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5T8HH13	EP Download File ID Error (Not EPAP/EPBT/EPFP) during Module Test	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5T8HH14	BC FPGA Download Fail during Module Test	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
5T8HH15	Header Information Save Error After BC FPGA Download during Module Test	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
5T8HH16	Not Provide BC FPGA Download during Module Test	1. Check BC FPGA VERSION.2. Change the BC B/D if continuous error.
5T8HH17	EEPROM READ/WRITE Error during Module Test	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
5T8HH18	Receive Unit Serial Number Undefined Option during Module Test	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
5T8HH19	Receive USB Undefined Command during Module Test	1. Check USB Command from BC and retry the operation.2. Check BC version and Update EP3. Change the BC B/D if continuous error.
5T8HH20	No BC Process Note When Receive Image Upload Command during Module Test	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5T8HH21	FC1 Set Error When Receive Image Upload Command during Module Test	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5T8HH22	BC is Processing Note When Receive Image Upload Command during Module Test	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5T8HH23	FC2 Set Error When Receive Image Upload Command during Module Test	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5T8HH24	Not Provide Total Image Upload Function during Module Test	1. Check if SP or TM is out of date.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.

Problem Code	Problem Description	Troubleshooting
5T8HH25	Not Provide Note Number Detection Image Upload Function during Module Test	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5T8HH26	FC2 Set Error When Receive Image Information Upload Command during Module Test	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5T8HH27	BRM Transaction Mode is Not Same with Image Upload Command Mode during Module Test	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5T8HH28	BRM Transaction Mode is Not Same with Replenishment/Collect Cash Image Upload Command Mode during Module Test	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5T8HH29	No BC Process Note When Receive Replenishment/Collect Cash Image Upload Command during Module Test	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5T8HH2A	FC1 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Module Test	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5T8HH2B	BC is Processing Note When Receive Replenishment/Collect Cash Image Upload Command during Module Test	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5T8HH2C	FC2 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Module Test	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5T8HH2D	Not Provide Replenishment/Collect Cash Image Upload Function during Module Test	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5T8HH2E	Note Image Upload Index is Not Same When Receive Replenishment/Collect Cash Image Upload Command during Module Test	1. Get BC log and image.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5T8HI01	RecogTask Messeage Timeout Error during Module Test	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5T8HI02	ScanTask Messeage Timeout Error during Module Test	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5T8HI03	UartTask Messeage Timeout Error during Module Test	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5T8HI04	BcUsbTask Messeage Timeout Error during Module Test	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5T8HJ01	Algorithm Initialize Fail during Module Test	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5T8HJ02	Algorithm Ready Fail during Module Test	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5T8HJ03	Algorithm Information Set Error during Module Test	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5T8HK01	Table CRC Error When Set Poly-Note Withdrawal Information during Module Test	1. Retry the operation
5T8HK02	CST Note Information Set Number Error When Set Poly-Note Withdrawal Information (n is 0 or over 256) during Module Test	1. Check the number of CST Setting notes info
5T8HK03	Withdrawal Note Number Set Error When Set Poly-Note Withdrawal Information ( n is 0 or over 3000) during Module Test	1. Check Withdrawal notes setting
5T8HK04	Note Information (Not CST Set Note) is Set in Withdrawal Note Information When Set Poly-Note Withdrawal Information during Module Test	1. Check Withdrawal notes info
5T8HS01	FPGA Write Data Error When Initialize Scan Driver during Module Test	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5T8HS02	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver during Module Test	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5T8HS03	Fail to Set CIS Led On Value When Initialize Scan Driver during Module Test	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5T8HS04	Fail to Set Source of Scan Light When Initialize Scan Driver during Module Test	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5T8HS05	Not Process Shading When Initialize Scan Driver during Module Test	1. Perform CiS Shading.2. Operate to initialize BRM(Recovery)
5T8HS08	Fail to Set DAC When Initialize Scan Driver during Module Test	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5T8HS11	FPGA Write Data Error When BC Ready during Module Test	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5T8HS12	Fail to Power On When BC Ready Sensor(MR/UV/DD/Encoder/Entry Sensor) during Module Test	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5T8HS13	Fail to Set CIS Led On Value When BC Ready during Module Test	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5T8HS14	Fail to Set Source of Scan Ligh When BC Ready during Module Test	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5T8HS15	Not Process Shading When BC Ready during Module Test	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5T8HS17	Fail to Set AFE Chip When BC Ready during Module Test	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5T8HS18	Fail to Set DAC When BC Ready during Module Test	1. Retry the operation.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5T8HS19	MR/UV/DD Sampling Start Error When BC Ready during Module Test	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5T8HS1A	Fail to Set 2-Notes DAC When BC Ready during Module Test	1. Check whether double notes sensor is contaminate or not.2. Check whether double notes sensor is connected.3. Retry the operation.4. Change the BC if continuous error.
5T8HS1B	2-Notes to 1-Note Adjust Information Error When BC Ready during Module Test	1. Perform calibration info about double notes or one note.2. Operate to initialize BRM(Recovery)
5T8HS22	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver When Stop BC during Module Test	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5T8HS28	Fail to Set DAC When Stop BC during Module Test	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5T8HS29	MR/UV/DD Sampling Stop Error When Stop BC during Module Test	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5T8HS31	BC Ready Fail When Process CIS Shading – Use in Plant during Module Test	1. Perform calibration info about double notes or one note and double notes DAC2. Retry the operation
5T8HS32	Dark Adjust Fail When Process CIS Shading – Use in Plant during Module Test	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Change CIS and Cable5. Change BC
5T8HS33	Over Target Gap When Process CIS Shading Shading – Use in Plant during Module Test	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
5T8HS34	Fail to Write Result Value Flash When Process CIS Shading – Use in Plant during Module Test	1. Retry the operation2. Change BC
5T8HS35	BC Stop Fail When Process CIS Shading – Use in Plant during Module Test	1. Retry the operation2. Change BC
5T8HS36	Over 10Pixel-Excess-Image When Process CIS Shading during Module Test	1. Retry the operation2. Check CIS note quility and setting status3. Check CIS Connection Status4. Change BC
5T8HS37	Dark Shading Result Value is Standard Over When Process CIS Shading during Module Test	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Retry the operation5. Change BC
5T8HS38	Max Ontime Ove When Process CIS Shadingr – Use in Plant during Module Test	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
5T8HS39	Fail to Set Source of Shading Light When Process CIS Shading – Use in Plant during Module Test	1. Retry the operation2. Change BC
5T8HS41	Fail to Adjust 2-Notes DAC (Less Than MIN) – Use in Plant during Module Test	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the opertion4. Change BC
5T8HS42	Fail to Adjust 2-Notes DAC (Over MAX) – Use in Plant during Module Test	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the opertion4. Change BC
5T8HS43	2-Notes Adjust Flash Write Fail – Use in Plant during Module Test	1. Retry the operation2. Change BC
5T8R100	BC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5T8R200	BC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5T8R300	BC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5T8R600	BC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5T8S100	BCU response MI error during Module Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5T8S200	BCU response BCC error during Module Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5T8S300	BCU response Sub MI error during Module Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5T8S400	BCU response Parameter error during Module Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5T8S900	BCU response Timeout Error during Module Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5TAA100	UTC open Error before operation Module Test	1. Open the upper unit. 2. Check the UTC removal and reinstallation
5TAA200	TSK open Error before operation Module Test	1. Open the upper unit. 2. Check the TSK open and close
5TAA300	BMU Inter Lock Error before operation Module Test	1. Check BMU open and close
5TAA400	BMU open Error before operation Module Test	1. Check BMU open and close
5TAA500	Replenishment CST open Error before operation Module Test	1. Check the Transit CST installation
5TAA600	CSM open Error before operation Module Test	1. Open the upper unit. 2. Check CSM Open/Close
5TAA800	BMD Inter Lock Error before operation Module Test	1. Open the lower unit. 2. Check the BMD open and close
5TAA900	BMD open Error before operation Module Test	1. Open the lower unit. 2. Check the BMD open and close
5TAAA00	BC Open Error before operation Module Test	1. Open the upper unit. 2. Check BC Open/Close
5TAAB00	RC Full Error before operation Module Test	1. Open the lower unit. 2. Check RC Full and remove notes
5TAAC00	RJC Full Error before operation Module Test	1. Open the upper unit. 2. Check RJC Full and remove notes
5TAAD00	UTC Full Error before operation Module Test	1. Open the upper unit. 2. Remove UTC and open the UTC Door3. Remove notes and reinstallation UTC

Problem Code	Problem Description	Troubleshooting
5TAAE00	RTC Full Error before operation Module Test	1. Open the lower unit. 2. Remove RT/RJC and open the Door3. Remove notes and reinstall RT/RJC
5TAAF00	RC Empty Error before operation Module Test	1. Open the lower unit. 2. Remove RC and open the RC Door, Check the Empty Status3. Reinstall the RC
5TAAG00	Suspected note RC open Error before operation Module Test	1. Open the lower unit. 2. Check the RC removal and reinstall
5TAE100	Received operation command without Initial Info Set during Module Test	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5TAE200	Status on not operation reception command during Module Test	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5TAE300	Received operation command without System Info Read during Module Test	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5TAE400	Transaction was executed without Initializing after power on during Module Test	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5TAEE00	RBU RS485 communication sequence disorder during Module Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5TAEF00	RBU RS485 connection line disorder during Module Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5TAEL00	RBU communication was not ready after power on during Module Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5TAH600	Failure to check clearing NVRAM during Module Test	1. Operate to initialize BRM(Recovery)
5TAH700	Failure to write specific character after NVRAM clear during Module Test	1. Operate to initialize BRM(Recovery)
5TBR000	RBU Response Timeout during Module Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5TBR700	RBU Response Message Timeout during Module Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5TBS100	RBU RS-232 Seq Num Echo Error during Module Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5TBS200	RBU RS-232 MI Echo Error during Module Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5TBSS00	RBU Auto Calibration Command Parameter Error during Module Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5TCGS00	RC6 RJC Press position fail during Module Test	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette

Problem Code	Problem Description	Troubleshooting
5TCGT00	RC6 GSC51 fail to detect dark when PP moves down during RJC PP Stack during Module Test	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
5TCR100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5TCR200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5TCR300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5TCR600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5TE1500	CST GS905 Dark Jam during Initialize on Unit Test	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5TE2500	Error occurred by notes remained in CST GS905 during Initialize on Unit Test	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5TEG100	CST Failure of returning notes (GS901,GS902 Sensors detect no notes) during Initialize on Unit Test	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5TEG200	CST Failure to move PP to stack position during Initialize on Unit Test	1. Remove the transit cassette.2. Open the cassette door.3. Check the stage status.
5TEG400	CST Failure to upword moving of PP during RC stack roller retreat movement during Initialize on Unit Test	1. Remove the transit cassette.2. Open the cassette door.3. Check the stage status.
5TEG500	CST Failure to stack roller retreat (GS913 Sensor no change) during Initialize on Unit Test	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5TEG600	CST Stack Roller retreat position disorder during RC Separation during Initialize on Unit Test	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5TEG700	CST RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS907) no change) during Initialize on Unit Test	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5TEG800	CST Failure to move PP to press position (GS908 Sensor Dark Fail) during Initialize on Unit Test	1. Remove the transit cassette.2. Check the stage status after open the cassette.3. Check the upper side of the cassette

Problem Code	Problem Description	Troubleshooting
5TEGA00	CST RC Solenoid Echo error during Initialize on Unit Test	1. Reload the transit cassette after removing the cassette.2. Change the cassette when same error occur.
5TEGB00	CST Feed Roller homeposition Sensor(GS907) Light detect fail during RC Stack during Initialize on Unit Test	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5TEGC00	CST Feed Roller homeposition Sensor(GS907) Dark detect fail during RC Stack during Initialize on Unit Test	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5TEGD00	CST GS901,GS902 Detect notes during move RC Feed Roller to homeposition during Initialize on Unit Test	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5TEGE00	CST GS908 detect dark before move RC Feed Roller to homeposition during Initialize on Unit Test	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note.
5TEGF00	CST Notes Setting error during initialize (GS914, Bottom Sensor(GS912) both dark) during Initialize on Unit Test	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note.
5TEGG00	CST Stack Roller Sensor(GS913) detect light during RC FM Stack during Initialize on Unit Test	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5TEGH00	CST Stack Roller Sensor(GS913) detect dark during RC FM Stack during Initialize on Unit Test	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5TEGJ00	CST RC Stack Roller retreat fail (Motor Overrun) during Initialize on Unit Test	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5TEGK00	CST RC Stack Roller retreat fail (Motor speed error) during Initialize on Unit Test	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5TEGL00	CST RC Feed Roller homeposition fail (Motor speed error) during Initialize on Unit Test	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5TEJ200	CST No Residue during Initialize on Unit Test	1. Remove the transit cassette.2. Check the notes remain after open the cassette door.3. Fill up the Notes if there are no notes
5TEJ300	CST Full,Bottom no detect before move RC PP to stack position during Initialize on Unit Test	1. Remove the transit cassette.2. Check the stage status after open the cassette.3. Check the upper side of the cassette
5TEL100	Remaining notes stack process error in CST GS901 during Initialize on Unit Test	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5TEL200	Remaining notes stack process error in CST GS902 during Initialize on Unit Test	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5TEL500	Remaining notes stack process error in CST GS905 during Initialize on Unit Test	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5TELZ00	Remaining notes stack process error in CST All during Initialize on Unit Test	1. Operate to initialize BRM.(Recovery)
5TER100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5TER200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5TER300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5TER600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5TERF00	CST Feed Motor response timeout during Initialize on Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5TERP00	CST PP response timeout during Initialize on Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5TES200	CST Receive undefined command during Initialize on Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5TES300	CST RC Task not for separation receive separation command during Initialize on Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5TESA00	CST RC Sub Task receive undefined command during Initialize on Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5TESR00	CST Sub Task for Wait Setting Error during Initialize on Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5TUS100	USB Bulk Sequence Error during Module Test.	1. Restart over AP-SP
5TUS300	USB Bulk Received Length Error during Module Test.	1. Reboot the system
5TUS400	Message transmission Error from USB to Main Task during Module Test.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.

Problem Code	Problem Description	Troubleshooting
5TUS500	Message reception Error from MainTask to USB during Module Test.	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization.
5TUSCMD	Bulk command data check error during Module Test. (USB communication failure)	1. Restart over AP-SP
5TUSCRC	CRC data check error during Module Test. (USB communication failure)	1. Restart over AP-SP
5TUSLEN	Bulk length error during Module Test. (USB communication failure)	1. Restart over AP-SP
5U1R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5U1R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5U1R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5U1R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5U2R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5U2R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5U2R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5U2R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5U30100	RC3 GS301 Light Jam during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U30200	RC3 GS302 Light Jam during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U30500	RC3 GS305 Light Jam during Download	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(C)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).

Problem Code	Problem Description	Troubleshooting
5U31100	RC3 GS301 Dark Jam during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U31200	RC3 GS302 Dark Jam during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U31500	RC3 GS305 Dark Jam during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U32100	Error occurred by notes remained in RC3 GS301 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U32200	Error occurred by notes remained in RC3 GS302 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U32500	Error occurred by notes remained in RC3 GS305 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U33100	Sensor auto calibration error in RC3 GS301 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U33200	Sensor auto calibration error in RC3 GS302 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U33500	Sensor auto calibration error in RC3 GS305 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U34100	Extern lights check error in RC3 GS301 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5U34200	Extern lights check error in RC3 GS302 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U34500	Extern lights check error in RC3 GS305 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U35100	Path error on transport path in RC3 GS301 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U35200	Path error on transport path in RC3 GS302 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U35500	Path error on transport path in RC3 GS305 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U36100	Path error on sensor except for transport path in RC3 GS301 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U36200	Path error on sensor except for transport path in RC3 GS302 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U36500	Path error on sensor except for transport path in RC3 GS305 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U37100	Error occurred by the notes disorder in RC3 GS301 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U37200	Error occurred by the notes disorder in RC3 GS302 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5U37500	Error occurred by the notes disorder in RC3 GS305 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U3L100	Remaining notes stack process error in RC3 GS301 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U3L200	Remaining notes stack process error in RC3 GS302 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U3L500	Remaining notes stack process error in RC3 GS305 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U3R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5U3R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5U3R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5U3R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5U40100	RC4 GS401 Light Jam during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U40200	RC4 GS402 Light Jam during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U40500	RC4 GS405 Light Jam during Download	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(D)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5U41100	RC4 GS401 Dark Jam during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5U41200	RC4 GS402 Dark Jam during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U41500	RC4 GS405 Dark Jam during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U42100	Error occurred by notes remained in RC4 GS401 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U42200	Error occurred by notes remained in RC4 GS402 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U42500	Error occurred by notes remained in RC4 GS405 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U43100	Sensor auto calibration error in RC4 GS401 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U43200	Sensor auto calibration error in RC4 GS402 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U43500	Sensor auto calibration error in RC4 GS405 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U44100	Extern lights check error in RC4 GS401 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U44200	Extern lights check error in RC4 GS402 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5U44500	Extern lights check error in RC4 GS405 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U45100	Path error on transport path in RC4 GS401 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U45200	Path error on transport path in RC4 GS402 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U45500	Path error on transport path in RC4 GS405 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U46100	Path error on sensor except for transport path in RC4 GS401 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U46200	Path error on sensor except for transport path in RC4 GS402 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U46500	Path error on sensor except for transport path in RC4 GS405 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U47100	Error occurred by the notes disorder in RC4 GS401 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U47200	Error occurred by the notes disorder in RC4 GS402 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U47500	Error occurred by the notes disorder in RC4 GS405 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5U4L100	Remaining notes stack process error in RC4 GS401 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U4L200	Remaining notes stack process error in RC4 GS402 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U4L500	Remaining notes stack process error in RC4 GS405 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U4R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5U4R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5U4R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5U4R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5U50100	RC5 GS501 Light Jam during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U50200	RC5 GS502 Light Jam during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U50500	RC5 GS505 Light Jam during Download	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(E)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5U51100	RC5 GS501 Dark Jam during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U51200	RC5 GS502 Dark Jam during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5U51500	RC5 GS505 Dark Jam during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U52100	Error occurred by notes remained in RC5 GS501 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U52200	Error occurred by notes remained in RC5 GS502 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U52500	Error occurred by notes remained in RC5 GS505 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U53100	Sensor auto calibration error in RC5 GS501 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U53200	Sensor auto calibration error in RC5 GS502 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U53500	Sensor auto calibration error in RC5 GS505 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U54100	Extern lights check error in RC5 GS501 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U54200	Extern lights check error in RC5 GS502 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U54500	Extern lights check error in RC5 GS505 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5U55100	Path error on transport path in RC5 GS501 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U55200	Path error on transport path in RC5 GS502 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U55500	Path error on transport path in RC5 GS505 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U56100	Path error on sensor except for transport path in RC5 GS501 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U56200	Path error on sensor except for transport path in RC5 GS502 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U56500	Path error on sensor except for transport path in RC5 GS505 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U57100	Error occurred by the notes disorder in RC5 GS501 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U57200	Error occurred by the notes disorder in RC5 GS502 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U57500	Error occurred by the notes disorder in RC5 GS505 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U5L100	Remaining notes stack process error in RC5 GS501 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5U5L200	Remaining notes stack process error in RC5 GS502 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U5L500	Remaining notes stack process error in RC5 GS505 during Download	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5U5R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5U5R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5U5R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5U5R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5U6H100	CSM EEPROM Write Error (System info inquiry/EEPROM Write) during Download	1. Check CSM EEPROM2. Cehck CSM EEPROM connection3. Replace CSM B/D if same error occurs during EEPROM R/W
5U6H200	CSM EEPROM Read Error (System info inquiry/EEPROM Read/Wrtie) during Download	1. Check CSM EEPROM2. Cehck CSM EEPROM connection3. Replace CSM B/D if same error occurs during EEPROM R/W
5U6R100	CSM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5U6R200	CSM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5U6R300	CSM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5U6R600	CSM response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5U7R100	TSK response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5U7R200	TSK response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5U7R300	TSK response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5U7R600	TSK response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5U8HA01	GS801A Sensor Error during Download	1. Check GS801A2. Operate to initialize BRM(Recovery)
5U8HA02	GS801B Sensor Error during Download	1. Check GS801B2. Operate to initialize BRM(Recovery)
5U8HA03	GS801A, GS801B Sensor Error during Download	1. Check GS801A, GS801B2. Operate to initialize BRM(Recovery)
5U8HA04	GS802A Sensor Error during Download	1. Check GS802A2. Operate to initialize BRM(Recovery)
5U8HA05	GS801A, GS802A Sensor Error during Download	1. Check GS801A, GS802A2. Operate to initialize BRM(Recovery)
5U8HA06	GS801B, GS802A Sensor Error during Download	1. Check GS801B, GS802A2. Operate to initialize BRM(Recovery)
5U8HA07	GS801A, GS801B, GS802A Sensor Error during Download	1. Check GS801A, GS801B, GS802A2. Operate to initialize BRM(Recovery)
5U8HA08	GS802B Sensor Error during Download	1. Check GS802B2. Operate to initialize BRM(Recovery)
5U8HA09	GS801A, GS802B Sensor Error during Download	1. Check GS801A, GS802B2. Operate to initialize BRM(Recovery)
5U8HA10	GS801B, GS802B Sensor Error during Download	1. Check GS801B, GS802B2. Operate to initialize BRM(Recovery)
5U8HA11	GS801A, GS801B, GS802B Sensor Error during Download	1. Check GS801A, GS801B, GS802B2. Operate to initialize BRM(Recovery)
5U8HA12	GS802A, GS802B Sensor Error during Download	1. Check GS802A, GS802B2. Operate to initialize BRM(Recovery)
5U8HA13	GS801A, GS802A, GS802B Sensor Error during Download	1. Check GS801A, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5U8HA14	GS801B, GS802A, GS802B Sensor Error during Download	1. Check GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5U8HA15	GS801A, GS801B, GS802A, GS802B Sensor Error during Download	1. Check GS801A, GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5U8HB01	MR Sensor Level Error during Download	1. Check MR Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5U8HC02	UV_01 Sensor Level Error during Download	1. Check UV Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5U8HF03	CIS Shading data loading Fail during Download	1. Operate shading in the BC CIS2. Operate to initialize BRM(Recovery)
5U8HF04	Detection DB Table loading Fail during Download	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5U8HF05	BC FPGA Data checksum Fail during Download	1. Check to BC FPGA File2. Operate to initialize BRM(Recovery)
5U8HF06	BC FPGA Configuration Fail during Download	1. Re-download BC FPGA2. Change the BC B/D if continuous error.

Problem Code	Problem Description	Troubleshooting
5U8HF07	BC FPGA Header Information Loading Fail during Download	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5U8HF08	BC FPGA Initialize Fail during Download	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5U8HF09	BC FPGA VERSION Fail during Download	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5U8HF11	Detection DB #01 loading Fail during Download	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5U8HF12	Detection DB #02 loading Fail during Download	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5U8HF13	Detection DB #03 loading Fail during Download	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5U8HF14	Detection DB #04 loading Fail during Download	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5U8HF15	Detection DB #05 loading Fail during Download	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5U8HF16	Detection DB #06 loading Fail during Download	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5U8HF17	Detection DB #07 loading Fail during Download	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5U8HF18	Detection DB #08 loading Fail during Download	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5U8HF19	Detection DB #09 loading Fail during Download	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5U8HF20	Detection DB #10 loading Fail during Download	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5U8HG01	Mode Set Error When Receive BC MODE Command (Mode Value is not 1 or 2 ) during Download	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5U8HG02	Detection Level Set Error When Receive BC MODE Command (Detection Level Value is 0 ) during Download	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5U8HG03	BC Transaction Ready Fail When Receive BC READY Command during Download	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5U8HG04	Mode Set Error When Receive BC READY Command (Mode Value is not 1 or 2 ) during Download	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5U8HG05	Detection Level Set Error When Receive BC READY Command (Detection Level Value is 0 ) during Download	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5U8HG06	BC Entry Direction Set Error When Receive BC READY Command (Not Deposit/Withdrawal/Stack Direction ) during Download	1. Check BC putting direction.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5U8HG07	Receive BC Unknown Command during Download	1. Check BC reception full command.1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization.
5U8HG08	The Number of Nations Set Error When Receive BC DATA WRITE Command (Over 0, 10) during Download	1. Check the number of supported country.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5U8HG09	Nation Code Set Error When Receive BC DATA WRITE Command during Download	1. Check the supported country code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5U8HG10	Detection DB of the Nation is not exist When Receive BC DATA WRITE Command during Download	1. Check the BC recognition DB of country.2. Download DB again after deleting all recognition DB3. Operate to initialize BRM(Recovery)4. Reboot the system when same error occurred after initialization.
5U8HG11	No Nation Code When Receive BC READY Command during Download	1. Check the country setting value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5U8HG12	BC Version Value Set Error When Receive BC DATA WRITE Command (Not BC FPGA) during Download	1. Check the BC specifications devision and BC FPGA specifications.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initializatio
5U8HG20	Fail to Initialize CIS When Receive BC READY Command during Download	1. Operate to initialize BRM(Recovery)2. Check CIS part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5U8HG21	Fail to ENCODER POWER ON When Receive BC READY Command during Download	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5U8HG22	Fail to adjust DD Sensor DAC When Receive BC READY Command during Download	1. Operate to initialize BRM(Recovery)2. Check whether the sensor is contaminated or not if same error occurs after Initialize3. Reboot the system when same error occurs even though there is no substance.
5U8HG23	DD Sensor DAC Set Error When Receive BC READY Command during Download	1. Operate to initialize BRM(Recovery)2. Check DD sensor part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5U8HG24	ENCODER Mode Set Error When Receive BC READY Command during Download	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance
5U8HG30	Counterfeit Note List CRC Error When Receive BC SERIAL NO Command during Download	1. Check the forged notes list CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5U8HG31	Not Receive The Number of Counterfeit Note Lists and CRC When Receive BC SERIAL NO Command during Download	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5U8HG32	Over The Number of Counterfeit Note Lists When Receive BC SERIAL NO Command (Over 200) during Download	1. Check the whole number of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5U8HG33	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Nation Code 0) during Download	1. Check the country code of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5U8HG34	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Length Over 2~29) during Download	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5U8HG36	Note Number Detection Mode Set Error When Receive BC MODE Command (Mode Value is Not 0, 1, 2) during Download	1. Check to the recognized mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5U8HG37	Transaction Classification Set Error When Receive BC MODE Command (Classification Value is Not 0, 1, 2) during Download	1. Check to the transaction setting.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5U8HG38	Counterfeit Note List Search Classification Set Error When Receive BC SERIAL NO Command 위조지폐 목록 검색 구분 설정 오류 (Classification Value is Not 1, 2, 3 ) during Download	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5U8HG39	Counterfeit Note List Note Number Set Error When Receive BC SERIAL NO Command (Use '*' When Search Note Number Part) during Download	1. Check the forged notes list's note numbers.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5U8HG3A	BC MODE SET Bill Management Level Set Error (Over 1~5) during Download	1. Check check management mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5U8HG3B	Over The Number of BC MODE SET Back Codes (Over 15) during Download	1. Check the number of check issued by our bank code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5U8HG40	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use End Number at First When Search Note Number Part) during Download	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5U8HG41	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use Start Number at Last When Search Note Number Part) during Download	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5U8HG42	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Wrong Start/End Number Order When Search Note Number Part) during Download	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5U8HG43	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Use Wrong Length Value When Search Note Number Part) during Download	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5U8HG44	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Use Wrong Nation Code When Search Note Number Part) during Download	1. Check the forged notes list's country-code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5U8HG45	Not Receive The Number of Bill Number Tables and CRC When Receive Check No Write Command during Download	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5U8HG46	Bill Number Error When Receive Check No Write Command during Download	1. Check the check number when registering check number.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5U8HG47	Bill Number Table Length Set Error When Receive Check No Write Command (Length Over 0~50) during Download	1. Check check number table's length.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5U8HG48	Bill Number Table CRC Error When Receive Check No Write Command during Download	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5U8HG49	Over The Number of Bill Number Tables When Receive Check No Write Command (Over 5) during Download	1. Check check total number of tables.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5U8HH01	Fail to Delete NAND FLASH during Download	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5U8HH02	NAND FLASH Delete BLOCK Set Error When Download Detection DB during Download	1. Download DB again after checking recognition DB's delete index.2. Operate to initialize BRM(Recovery)
5U8HH03	Fail to Download Detection DB during Download	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5U8HH04	NAND FLASH Download BLOCK Set Error When Download Detection DB during Download	1. Download DB again after checking recognition DB's index.2. Operate to initialize BRM(Recovery)
5U8HH05	Detection DB Download File Check Error during Download	1. Download DB again after checking recognition DB file.2. Operate to initialize BRM(Recovery)
5U8HH06	Detection DB Download File Size Error during Download	1. Download DB again after checking recognition DB download file.2. Operate to initialize BRM(Recovery)
5U8HH07	DB Table Save Error After Download Detection DB during Download	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5U8HH08	Over Detection DB Download (Over 10) during Download	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5U8HH09	Detection DB Header Information Error during Download	1. Download DB again after deleting recognition DB.2. Operate to initialize BRM(Recovery)
5U8HH10	EP Download Fail during Download	1. Re-download BC EP.2. Change the BC B/D if continuous error.
5U8HH11	EP Downlaod Check Error during Download	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5U8HH12	EP Download File Size Error during Download	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5U8HH13	EP Download File ID Error (Not EPAP/EPBT/EPFP) during Download	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5U8HH14	BC FPGA Download Fail during Download	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
5U8HH15	Header Information Save Error After BC FPGA Download during Download	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
5U8HH16	Not Provide BC FPGA Download during Download	1. Check BC FPGA VERSION.2. Change the BC B/D if continuous error.

Problem Code	Problem Description	Troubleshooting
5U8HH17	EEPROM READ/WRITE Error during Download	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
5U8HH18	Receive Unit Serial Number Undefined Option during Download	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
5U8HH19	Receive USB Undefined Command during Download	1. Check USB Command from BC and retry the operation2. Check BC version and Update EP3. Change the BC B/D if continuous error.
5U8HH20	No BC Process Note When Receive Image Upload Command during Download	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5U8HH21	FC1 Set Error When Receive Image Upload Command during Download	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5U8HH22	BC is Processing Note When Receive Image Upload Command during Download	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5U8HH23	FC2 Set Error When Receive Image Upload Command during Download	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5U8HH24	Not Provide Total Image Upload Function during Download	1. Check if SP or TM is out of date.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5U8HH25	Not Provide Note Number Detection Image Upload Function during Download	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5U8HH26	FC2 Set Error When Receive Image Information Upload Command during Download	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5U8HH27	BRM Transaction Mode is Not Same with Image Upload Command Mode during Download	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5U8HH28	BRM Transaction Mode is Not Same with Replenishment/Collect Cash Image Upload Command Mode during Download	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5U8HH29	No BC Process Note When Receive Replenishment/Collect Cash Image Upload Command during Download	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5U8HH2A	FC1 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Download	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5U8HH2B	BC is Processing Note When Receive Replenishment/Collect Cash Image Upload Command during Download	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.

Problem Code	Problem Description	Troubleshooting
5U8HH2C	FC2 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Download	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5U8HH2D	Not Provide Replenishment/Collect Cash Image Upload Function during Download	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5U8HH2E	Note Image Upload Index is Not Same When Receive Replenishment/Collect Cash Image Upload Command during Download	1. Get BC log and image.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5U8HI01	RecogTask Messeage Timeout Error during Download	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5U8HI02	ScanTask Messeage Timeout Error during Download	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5U8HI03	UartTask Messeage Timeout Error during Download	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5U8HI04	BcUsbTask Messeage Timeout Error during Download	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5U8HJ01	Algorithm Initialize Fail during Download	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5U8HJ02	Algorithm Ready Fail during Download	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5U8HJ03	Algorithm Information Set Error during Download	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5U8HK01	Table CRC Error When Set Poly-Note Withdrawal Information during Download	1. Retry the operation
5U8HK02	CST Note Information Set Number Error When Set Poly-Note Withdrawal Information (n is 0 or over 256) during Download	1. Check the number of CST Setting notes info
5U8HK03	Withdrawal Note Number Set Error When Set Poly-Note Withdrawal Information ( n is 0 or over 3000) during Download	1. Check Withdrawal notes setting
5U8HK04	Note Information (Not CST Set Note) is Set in Withdrawal Note Information When Set Poly-Note Withdrawal Information during Download	1. Check Withdrawal notes info
5U8HS01	FPGA Write Data Error When Initialize Scan Driver during Download	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5U8HS02	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver during Download	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5U8HS03	Fail to Set CIS Led On Value When Initialize Scan Driver during Download	1. Retry the operation.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5U8HS04	Fail to Set Source of Scan Light When Initialize Scan Driver during Download	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5U8HS05	Not Process Shading When Initialize Scan Driver during Download	1. Perform CiS Shading.2. Operate to initialize BRM(Recovery)
5U8HS08	Fail to Set DAC When Initialize Scan Driver during Download	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5U8HS11	FPGA Write Data Error When BC Ready during Download	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5U8HS12	Fail to Power On When BC Ready Sensor(MR/UV/DD/Encoder/Entry Sensor) during Download	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5U8HS13	Fail to Set CIS Led On Value When BC Ready during Download	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5U8HS14	Fail to Set Source of Scan Ligh When BC Ready during Download	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5U8HS15	Not Process Shading When BC Ready during Download	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5U8HS17	Fail to Set AFE Chip When BC Ready during Download	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5U8HS18	Fail to Set DAC When BC Ready during Download	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5U8HS19	MR/UV/DD Sampling Start Error When BC Ready during Download	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5U8HS1A	Fail to Set 2-Notes DAC When BC Ready during Download	1. Check whether double notes sensor is contaminate or not.2. Check whether double notes sensor is connected.3. Retry the operation.4. Change the BC if continuous error.
5U8HS1B	2-Notes to 1-Note Adjust Information Error When BC Ready during Download	1. Perform calibration info about double notes or one note.2. Operate to initialize BRM(Recovery)
5U8HS22	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver When Stop BC during Download	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5U8HS28	Fail to Set DAC When Stop BC during Download	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5U8HS29	MR/UV/DD Sampling Stop Error When Stop BC during Download	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5U8HS31	BC Ready Fail When Process CIS Shading – Use in Plant during Download	1. Perform calibration info about double notes or one note and double notes DAC2. Retry the operation
5U8HS32	Dark Adjust Fail When Process CIS Shading – Use in Plant during Download	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Change CIS and Cable5. Change BC
5U8HS33	Over Target Gap When Process CIS Shading Shading – Use in Plant during Download	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
5U8HS34	Fail to Write Result Value Flash When Process CIS Shading – Use in Plant during Download	1. Retry the operation2. Change BC

Problem Code	Problem Description	Troubleshooting
5U8HS35	BC Stop Fail When Process CIS Shading – Use in Plant during Download	1. Retry the operation2. Change BC
5U8HS36	Over 10Pixel-Excess-Image When Process CIS Shading during Download	1. Retry the operation2. Check CIS note quility and setting status3. Check CIS Connection Status4. Change BC
5U8HS37	Dark Shading Result Value is Standard Over When Process CIS Shading during Download	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Retry the operation5. Change BC
5U8HS38	Max Ontime Ove When Process CIS Shadingr – Use in Plant during Download	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
5U8HS39	Fail to Set Source of Shading Light When Process CIS Shading – Use in Plant during Download	1. Retry the operation2. Change BC
5U8HS41	Fail to Adjust 2-Notes DAC (Less Than MIN) – Use in Plant during Download	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the operation4. Change BC
5U8HS42	Fail to Adjust 2-Notes DAC (Over MAX) – Use in Plant during Download	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the operation4. Change BC
5U8HS43	2-Notes Adjust Flash Write Fail – Use in Plant during Download	1. Retry the operation2. Change BC
5U8R100	BC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5U8R200	BC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5U8R300	BC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5U8R600	BC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5UAE100	Received operation command without Initial Info Set during Download	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5UAE200	Status on not operation reception command during Download	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5UAE300	Received operation command without System Info Read during Download	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5UAE400	Transaction was executed without Initializing after power on during Download	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5UAEEO0	RBU RS485 communication sequence disorder during Download	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5UAEF00	RBU RS485 connection line disorder during Download	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization

Problem Code	Problem Description	Troubleshooting
5UAELO0	RBU communication was not ready after power on during Download	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5UAH600	Failure to check clearing NVRAM during Download	1. Operate to initialize BRM(Recovery)
5UHA00	Checksum disorder when MAIN EP Download	1. Check the download bin file2. Change the bin file
5UAHB00	Flash Rom write failure when MAIN EP Download	1. Change MAIN board when same error occurred after retry download
5UAHC00	EP downgrade of this version is not supported	1. Download higher version EP2. Download EP after decryption
5UBH000	RC7 Dip SW Read Error during Download	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5UBH100	RC1 EEPROM Read Error during Download	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5UBH200	RC2 EEPROM Read Error during Download	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5UBH300	RC3 EEPROM Read Error during Download	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5UBH400	RC4 EEPROM Read Error during Download	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5UBH500	RC5 EEPROM Read Error during Download	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5UBH600	RC6 EEPROM Read Error during Download	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5UBH700	RC1 EEPROM Write Error during Download	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5UBH800	RC2 EEPROM Write Error during Download	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5UBH900	RC3 EEPROM Write Error during Download	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5UBHA00	Effectiveness disorder when RBU B/D Download.	1. Check the download bin file2. Change the bin file
5UBHB00	Checksum disorder when RBU B/D Download.	1. Check the download bin file2. Change the bin file
5UBHC00	Unit name disorder of RBU EP bin file's head when RBU EP Download.	1. Check the download bin file2. Change the bin file
5UBHD00	Unit name disorder of RBU Boot bin file's head file when RBU EP Download.	1. Check the download bin file2. Change the bin file

Problem Code	Problem Description	Troubleshooting
5SUBHE00	Unit name disorder of RBU FPGA bin file's head file when RBU EP Download.	1. Check the download bin file2. Change the bin file
5SUBHF00	Other disorder about effectiveness when RBU EP Download.	1. Check the download bin file2. Change the bin file
5SUBHG00	Program Id disorder of RBU EP bin file's head when RBU EP Download.	1. Check the download bin file2. Change the bin file
5SUBHH00	Program Id disorder of RBU Boot bin file's head file when RBU EP Download.	1. Check the download bin file2. Change the bin file
5UBHJ00	Effectiveness disorder of RBU FPGA bin file when RBU EP Download.	1. Check the download bin file2. Change the bin file
5UBHK00	Program Id disorder of RBU FPGA bin file's head file when RBU EP Download.	1. Check the download bin file2. Change the bin file
5UBHL00	Error of the kind of RBU Bin file when RBU EP Download.	1. Check the download bin file2. Change the bin file
5UBHM00	Unit name disorder of RBU PreLoader bin file's head file when RBU EP Download.	1. Check the download bin file2. Change the bin file
5UBHN00	Program Id disorder of RBU PreLoader bin file's head file when RBU EP Download.	1. Check the download bin file2. Change the bin file
5UBHP00	RC2 Dip SW Read Error during Download	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5UBHQ00	RC3 Dip SW Read Error during Download	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5UBHR00	RC4 Dip SW Read Error during Download	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5UBHS00	RC5 Dip SW Read Error during Download	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5UBHT00	RC6 Dip SW Read Error during Download	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5UBHU00	BMD EEPROM Read Error during Download	1. Replace RBU B/D
5UBHV00	BMD EEPROM Write Error during Download	1. Replace RBU B/D
5UBHW00	BMD EEPROM Verify Error during Download	1. Replace RBU B/D
5UBHX00	RC7 EEPROM Read Error during Download	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5UBHY00	Unit name disorder of RBU EP bin file's head when RBU EP Download.	1. Check the download bin file2. Change the bin file
5UBHZ00	Effectiveness disorder of RBU FPGA bin file when RBU EP Download.	1. Check the download bin file2. Change the bin file

Problem Code	Problem Description	Troubleshooting
5UBR000	RBU Response Timeout during Download	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5UBR700	RBU Response Message Timeout during Download	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5UBS100	RBU RS-232 Seq Num Echo Error during Download	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5UBS200	RBU RS-232 MI Echo Error during Download	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5UBSC00	RBU Download Data Size Error during Download	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5UBSD00	RBU Download Data Check sum Error during Download	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5UCMD00	Bulk command data check error during Deposit Ready. (USB communication failure)	1. Restart over AP-SP
5UCR100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5UCR200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5UCR300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5UCR600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5UCRC00	CRC data check error during Deposit Ready. (USB communication failure)	1. Restart over AP-SP
5UEH800	CST EEPROM Write Error during Download	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5UEH900	CST EEPROM Read Error during Download	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5UER100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5UER200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5UER300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5UER600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5ULEN00	Bulk length error during Deposit Ready. (USB communication failure)	1. Restart over AP-SP
5UUS100	USB Bulk Sequence Error during Download.	1. Restart over AP-SP
5UUS300	USB Bulk Received Length Error during Download.	1. Reboot the system
5UUS400	Message transmission Error from USB to Main Task during Download.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
5UUS500	Message reception Error from MainTask to USB during Download.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
5UUSCMD	Bulk command data check error. (USB communication failure)	1. Restart over AP-SP
5UUSCRC	CRC data check error. (USB communication failure)	1. Restart over AP-SP
5UUSLEN	Bulk length error. (USB communication failure)	1. Restart over AP-SP
5V1R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5V1R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5V1R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5V1R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5V2R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5V2R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5V2R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5V2R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5V30100	RC3 GS301 Light Jam during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V30200	RC3 GS302 Light Jam during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V30500	RC3 GS305 Light Jam during System Info Read	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(C)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5V31100	RC3 GS301 Dark Jam during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V31200	RC3 GS302 Dark Jam during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V31500	RC3 GS305 Dark Jam during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V32100	Error occurred by notes remained in RC3 GS301 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V32200	Error occurred by notes remained in RC3 GS302 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V32500	Error occurred by notes remained in RC3 GS305 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V33100	Sensor auto calibration error in RC3 GS301 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V33200	Sensor auto calibration error in RC3 GS302 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5V33500	Sensor auto calibration error in RC3 GS305 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V34100	Extern lights check error in RC3 GS301 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V34200	Extern lights check error in RC3 GS302 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V34500	Extern lights check error in RC3 GS305 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V35100	Path error on transport path in RC3 GS301 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V35200	Path error on transport path in RC3 GS302 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V35500	Path error on transport path in RC3 GS305 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V36100	Path error on sensor except for transport path in RC3 GS301 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V36200	Path error on sensor except for transport path in RC3 GS302 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V36500	Path error on sensor except for transport path in RC3 GS305 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5V37100	Error occurred by the notes disorder in RC3 GS301 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V37200	Error occurred by the notes disorder in RC3 GS302 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V37500	Error occurred by the notes disorder in RC3 GS305 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V3L100	Remaining notes stack process error in RC3 GS301 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V3L200	Remaining notes stack process error in RC3 GS302 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V3L500	Remaining notes stack process error in RC3 GS305 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V3R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5V3R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5V3R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5V3R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5V40100	RC4 GS401 Light Jam during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V40200	RC4 GS402 Light Jam during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5V40500	RC4 GS405 Light Jam during System Info Read	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(D)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5V41100	RC4 GS401 Dark Jam during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V41200	RC4 GS402 Dark Jam during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V41500	RC4 GS405 Dark Jam during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V42100	Error occurred by notes remained in RC4 GS401 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V42200	Error occurred by notes remained in RC4 GS402 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V42500	Error occurred by notes remained in RC4 GS405 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V43100	Sensor auto calibration error in RC4 GS401 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V43200	Sensor auto calibration error in RC4 GS402 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V43500	Sensor auto calibration error in RC4 GS405 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V44100	Extern lights check error in RC4 GS401 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5V44200	Extern lights check error in RC4 GS402 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V44500	Extern lights check error in RC4 GS405 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V45100	Path error on transport path in RC4 GS401 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V45200	Path error on transport path in RC4 GS402 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V45500	Path error on transport path in RC4 GS405 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V46100	Path error on sensor except for transport path in RC4 GS401 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V46200	Path error on sensor except for transport path in RC4 GS402 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V46500	Path error on sensor except for transport path in RC4 GS405 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V47100	Error occurred by the notes disorder in RC4 GS401 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V47200	Error occurred by the notes disorder in RC4 GS402 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5V47500	Error occurred by the notes disorder in RC4 GS405 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V4L100	Remaining notes stack process error in RC4 GS401 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V4L200	Remaining notes stack process error in RC4 GS402 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V4L500	Remaining notes stack process error in RC4 GS405 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V4R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5V4R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5V4R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5V4R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5V50100	RC5 GS501 Light Jam during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V50200	RC5 GS502 Light Jam during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V50500	RC5 GS505 Light Jam during System Info Read	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(E)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5V51100	RC5 GS501 Dark Jam during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5V51200	RC5 GS502 Dark Jam during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V51500	RC5 GS505 Dark Jam during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V52100	Error occurred by notes remained in RC5 GS501 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V52200	Error occurred by notes remained in RC5 GS502 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V52500	Error occurred by notes remained in RC5 GS505 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V53100	Sensor auto calibration error in RC5 GS501 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V53200	Sensor auto calibration error in RC5 GS502 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V53500	Sensor auto calibration error in RC5 GS505 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V54100	Extern lights check error in RC5 GS501 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V54200	Extern lights check error in RC5 GS502 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5V54500	Extern lights check error in RC5 GS505 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V55100	Path error on transport path in RC5 GS501 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V55200	Path error on transport path in RC5 GS502 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V55500	Path error on transport path in RC5 GS505 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V56100	Path error on sensor except for transport path in RC5 GS501 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V56200	Path error on sensor except for transport path in RC5 GS502 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V56500	Path error on sensor except for transport path in RC5 GS505 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V57100	Error occurred by the notes disorder in RC5 GS501 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V57200	Error occurred by the notes disorder in RC5 GS502 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V57500	Error occurred by the notes disorder in RC5 GS505 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5V5L100	Remaining notes stack process error in RC5 GS501 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V5L200	Remaining notes stack process error in RC5 GS502 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V5L500	Remaining notes stack process error in RC5 GS505 during System Info Read	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5V5R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5V5R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5V5R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5V5R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5V6H100	CSM EEPROM Write Error (System info inquiry/EEPROM Write) during System Info Read	1. Check CSM EEPROM2. Cehck CSM EEPROM connection3. Replace CSM B/D if same error occurs during EEPROM R/W
5V6H200	CSM EEPROM Read Error (System info inquiry/EEPROM Read/Wrtie) during System Info Read	1. Check CSM EEPROM2. Cehck CSM EEPROM connection3. Replace CSM B/D if same error occurs during EEPROM R/W
5V6R100	CSM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5V6R200	CSM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5V6R300	CSM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5V6R600	CSM response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5V7R100	TSK response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5V7R200	TSK response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5V7R300	TSK response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5V7R600	TSK response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5V8HA01	GS801A Sensor Error during System Info Read	1. Check GS801A2. Operate to initialize BRM(Recovery)
5V8HA02	GS801B Sensor Error during System Info Read	1. Check GS801B2. Operate to initialize BRM(Recovery)
5V8HA03	GS801A, GS801B Sensor Error during System Info Read	1. Check GS801A, GS801B2. Operate to initialize BRM(Recovery)
5V8HA04	GS802A Sensor Error during System Info Read	1. Check GS802A2. Operate to initialize BRM(Recovery)
5V8HA05	GS801A, GS802A Sensor Error during System Info Read	1. Check GS801A, GS802A2. Operate to initialize BRM(Recovery)
5V8HA06	GS801B, GS802A Sensor Error during System Info Read	1. Check GS801B, GS802A2. Operate to initialize BRM(Recovery)
5V8HA07	GS801A, GS801B, GS802A Sensor Error during System Info Read	1. Check GS801A, GS801B, GS802A2. Operate to initialize BRM(Recovery)
5V8HA08	GS802B Sensor Error during System Info Read	1. Check GS802B2. Operate to initialize BRM(Recovery)
5V8HA09	GS801A, GS802B Sensor Error during System Info Read	1. Check GS801A, GS802B2. Operate to initialize BRM(Recovery)
5V8HA10	GS801B, GS802B Sensor Error during System Info Read	1. Check GS801B, GS802B2. Operate to initialize BRM(Recovery)
5V8HA11	GS801A, GS801B, GS802B Sensor Error during System Info Read	1. Check GS801A, GS801B, GS802B2. Operate to initialize BRM(Recovery)
5V8HA12	GS802A, GS802B Sensor Error during System Info Read	1. Check GS802A, GS802B2. Operate to initialize BRM(Recovery)
5V8HA13	GS801A, GS802A, GS802B Sensor Error during System Info Read	1. Check GS801A, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5V8HA14	GS801B, GS802A, GS802B Sensor Error during System Info Read	1. Check GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5V8HA15	GS801A, GS801B, GS802A, GS802B Sensor Error during System Info Read	1. Check GS801A, GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5V8HB01	MR Sensor Level Error during System Info Read	1. Check MR Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5V8HC02	UV_01 Sensor Level Error during System Info Read	1. Check UV Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5V8HF03	CIS Shading data loading Fail during System Info Read	1. Operate shading in the BC CIS2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5V8HF04	Detection DB Table loading Fail during System Info Read	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5V8HF05	BC FPGA Data checksum Fail during System Info Read	1. Check to BC FPGA File2. Operate to initialize BRM(Recovery)
5V8HF06	BC FPGA Configuration Fail during System Info Read	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5V8HF07	BC FPGA Header Information Loading Fail during System Info Read	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5V8HF08	BC FPGA Initialize Fail during System Info Read	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5V8HF09	BC FPGA VERSION Fail during System Info Read	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5V8HF11	Detection DB #01 loading Fail during System Info Read	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5V8HF12	Detection DB #02 loading Fail during System Info Read	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5V8HF13	Detection DB #03 loading Fail during System Info Read	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5V8HF14	Detection DB #04 loading Fail during System Info Read	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5V8HF15	Detection DB #05 loading Fail during System Info Read	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5V8HF16	Detection DB #06 loading Fail during System Info Read	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5V8HF17	Detection DB #07 loading Fail during System Info Read	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5V8HF18	Detection DB #08 loading Fail during System Info Read	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5V8HF19	Detection DB #09 loading Fail during System Info Read	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5V8HF20	Detection DB #10 loading Fail during System Info Read	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5V8HG01	Mode Set Error When Receive BC MODE Command (Mode Value is not 1 or 2 ) during System Info Read	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5V8HG02	Detection Level Set Error When Receive BC MODE Command (Detection Level Value is 0 ) during System Info Read	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5V8HG03	BC Transaction Ready Fail When Receive BC READY Command during System Info Read	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5V8HG04	Mode Set Error When Receive BC READY Command (Mode Value is not 1 or 2 ) during System Info Read	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5V8HG05	Detection Level Set Error When Receive BC READY Command (Detection Level Value is 0 ) during System Info Read	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5V8HG06	BC Entry Direction Set Error When Receive BC READY Command (Not Deposit-Withdrawal/Stack Direction ) during System Info Read	1. Check BC putting direction.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5V8HG07	Receive BC Unknown Command during System Info Read	1. Check BC reception full command.1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization.
5V8HG08	The Number of Nations Set Error When Receive BC DATA WRITE Command (Over 0, 10) during System Info Read	1. Check the number of supported country.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5V8HG09	Nation Code Set Error When Receive BC DATA WRITE Command during System Info Read	1. Check the supported country code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5V8HG10	Detection DB of the Nation is not exist When Receive BC DATA WRITE Command during System Info Read	1. Check the BC recognition DB of country.2. Download DB again after deleting all recognition DB3. Operate to initialize BRM(Recovery)4. Reboot the system when same error occurred after initialization.
5V8HG11	No Nation Code When Receive BC READY Command during System Info Read	1. Check the country setting value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5V8HG12	BC Version Value Set Error When Receive BC DATA WRITE Command (Not BC FPGA) during System Info Read	1. Check the BC specifications devision and BC FPGA specifications.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initializatio
5V8HG20	Fail to Initialize CIS When Receive BC READY Command during System Info Read	1. Operate to initialize BRM(Recovery)2. Check CIS part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5V8HG21	Fail to ENCODER POWER ON When Receive BC READY Command during System Info Read	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5V8HG22	Fail to adjust DD Sensor DAC When Receive BC READY Command during System Info Read	1. Operate to initialize BRM(Recovery)2. Check whether the sensor is contaminated or not if same error occurs after Initialize3. Reboot the system when same error occurs even though there is no substance.
5V8HG23	DD Sensor DAC Set Error When Receive BC READY Command during System Info Read	1. Operate to initialize BRM(Recovery)2. Check DD sensor part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5V8HG24	ENCODER Mode Set Error When Receive BC READY Command during System Info Read	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance
5V8HG30	Counterfeit Note List CRC Error When Receive BC SERIAL NO Command during System Info Read	1. Check the forged notes list CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5V8HG31	Not Receive The Number of Counterfeit Note Lists and CRC When Receive BC SERIAL NO Command during System Info Read	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5V8HG32	Over The Number of Counterfeit Note Lists When Receive BC SERIAL NO Command (Over 200) during System Info Read	1. Check the whole number of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5V8HG33	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Nation Code 0) during System Info Read	1. Check the country code of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5V8HG34	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Length Over 2~29) during System Info Read	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5V8HG36	Note Number Detection Mode Set Error When Receive BC MODE Command (Mode Value is Not 0, 1, 2) during System Info Read	1. Check to the recognized mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5V8HG37	Transaction Classification Set Error When Receive BC MODE Command (Classification Value is Not 0, 1, 2) during System Info Read	1. Check to the transaction setting.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5V8HG38	Counterfeit Note List Search Classification Set Error When Receive BC SERIAL NO Command <b>위조지폐 목록 검색 구분 설정 오류</b> (Classification Value is Not 1, 2, 3) during System Info Read	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5V8HG39	Counterfeit Note List Note Number Set Error When Receive BC SERIAL NO Command (Use '*' When Search Note Number Part) during System Info Read	1. Check the forged notes list's note numbers.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5V8HG3A	BC MODE SET Bill Management Level Set Error (Over 1~5) during System Info Read	1. Check check management mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5V8HG3B	Over The Number of BC MODE SET Back Codes (Over 15) during System Info Read	1. Check the number of check issued by our bank code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5V8HG40	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use End Number at First When Search Note Number Part) during System Info Read	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5V8HG41	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use Start Number at Last When Search Note Number Part) during System Info Read	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5V8HG42	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Wrong Start/End Number Order When Search Note Number Part) during System Info Read	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5V8HG43	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Use Wrong Length Value When Search Note Number Part) during System Info Read	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5V8HG44	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Use Wrong Nation Code When Search Note Number Part) during System Info Read	1. Check the forged notes list's country-code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5V8HG45	Not Receive The Number of Bill Number Tables and CRC When Receive Check No Write Command during System Info Read	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5V8HG46	Bill Number Error When Receive Check No Write Command during System Info Read	1. Check the check number when registering check number.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5V8HG47	Bill Number Table Length Set Error When Receive Check No Write Command (Length Over 0~50) during System Info Read	1. Check check number table's length.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5V8HG48	Bill Number Table CRC Error When Receive Check No Write Command during System Info Read	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5V8HG49	Over The Number of Bill Number Tables When Receive Check No Write Command (Over 5) during System Info Read	1. Check check total number of tables.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5V8HH01	Fail to Delete NAND FLASH during System Info Read	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5V8HH02	NAND FLASH Delete BLOCK Set Error When Download Detection DB during System Info Read	1. Download DB again after checking recognition DB's delete index.2. Operate to initialize BRM(Recovery)
5V8HH03	Fail to Download Detection DB during System Info Read	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5V8HH04	NAND FLASH Download BLOCK Set Error When Download Detection DB during System Info Read	1. Download DB again after checking recognition DB's index.2. Operate to initialize BRM(Recovery)
5V8HH05	Detection DB Download File Check Error during System Info Read	1. Download DB again after checking recognition DB file.2. Operate to initialize BRM(Recovery)
5V8HH06	Detection DB Download File Size Error during System Info Read	1. Download DB again after checking recognition DB download file.2. Operate to initialize BRM(Recovery)
5V8HH07	DB Table Save Error After Download Detection DB during System Info Read	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5V8HH08	Over Detection DB Download (Over 10) during System Info Read	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5V8HH09	Detection DB Header Information Error during System Info Read	1. Download DB again after deleting recognition DB.2. Operate to initialize BRM(Recovery)
5V8HH10	EP Download Fail during System Info Read	1. Re-download BC EP.2. Change the BC B/D if continuous error.
5V8HH11	EP Download Check Error during System Info Read	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5V8HH12	EP Download File Size Error during System Info Read	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5V8HH13	EP Download File ID Error (Not EPAP/EPBT/EPFP) during System Info Read	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5V8HH14	BC FPGA Download Fail during System Info Read	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
5V8HH15	Header Information Save Error After BC FPGA Download during System Info Read	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
5V8HH16	Not Provide BC FPGA Download during System Info Read	1. Check BC FPGA VERSION.2. Change the BC B/D if continuous error.
5V8HH17	EEPROM READ/WRITE Error during System Info Read	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
5V8HH18	Receive Unit Serial Number Undefined Option during System Info Read	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
5V8HH19	Receive USB Undefined Command during System Info Read	1. Check USB Command from BC and retry the operation2. Check BC version and Update EP3. Change the BC B/D if continuous error.
5V8HH20	No BC Process Note When Receive Image Upload Command during System Info Read	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5V8HH21	FC1 Set Error When Receive Image Upload Command during System Info Read	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5V8HH22	BC is Processing Note When Receive Image Upload Command during System Info Read	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5V8HH23	FC2 Set Error When Receive Image Upload Command during System Info Read	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5V8HH24	Not Provide Total Image Upload Function during System Info Read	1. Check if SP or TM is out of date.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5V8HH25	Not Provide Note Number Detection Image Upload Function during System Info Read	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5V8HH26	FC2 Set Error When Receive Image Information Upload Command during System Info Read	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5V8HH27	BRM Transaction Mode is Not Same with Image Upload Command Mode during System Info Read	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5V8HH28	BRM Transaction Mode is Not Same with Replenishment/Collect Cash Image Upload Command Mode during System Info Read	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5V8HH29	No BC Process Note When Receive Replenishment/Collect Cash Image Upload Command during System Info Read	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.

Problem Code	Problem Description	Troubleshooting
5V8HH2A	FC1 Set Error When Receive Replenishment/Collect Cash Image Upload Command during System Info Read	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5V8HH2B	BC is Processing Note When Receive Replenishment/Collect Cash Image Upload Command during System Info Read	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5V8HH2C	FC2 Set Error When Receive Replenishment/Collect Cash Image Upload Command during System Info Read	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5V8HH2D	Not Provide Replenishment/Collect Cash Image Upload Function during System Info Read	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5V8HH2E	Note Image Upload Index is Not Same When Receive Replenishment/Collect Cash Image Upload Command during System Info Read	1. Get BC log and image.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5V8HI01	RecogTask Messeage Timeout Error during System Info Read	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5V8HI02	ScanTask Messeage Timeout Error during System Info Read	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5V8HI03	UartTask Messeage Timeout Error during System Info Read	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5V8HI04	BcUsbTask Messeage Timeout Error during System Info Read	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5V8HJ01	Algorithm Initialize Fail during System Info Read	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5V8HJ02	Algorithm Ready Fail during System Info Read	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5V8HJ03	Algorithm Information Set Error during System Info Read	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5V8HK01	Table CRC Error When Set Poly-Note Withdrawal Information during System Info Read	1. Retry the operation
5V8HK02	CST Note Information Set Number Error When Set Poly-Note Withdrawal Information (n is 0 or over 256) during System Info Read	1. Check the number of CST Setting notes info
5V8HK03	Withdrawal Note Number Set Error When Set Poly-Note Withdrawal Information ( n is 0 or over 3000) during System Info Read	1. Check Withdrawal notes setting
5V8HK04	Note Information (Not CST Set Note) is Set in Withdrawal Note Information When Set Poly-Note Withdrawal Information during System Info Read	1. Check Withdrawal notes info

Problem Code	Problem Description	Troubleshooting
5V8HS01	FPGA Write Data Error When Initialize Scan Driver during System Info Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5V8HS02	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver during System Info Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5V8HS03	Fail to Set CIS Led On Value When Initialize Scan Driver during System Info Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5V8HS04	Fail to Set Source of Scan Light When Initialize Scan Driver during System Info Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5V8HS05	Not Process Shading When Initialize Scan Driver during System Info Read	1. Perform CiS Shading.2. Operate to initialize BRM(Recovery)
5V8HS08	Fail to Set DAC When Initialize Scan Driver during System Info Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5V8HS11	FPGA Write Data Error When BC Ready during System Info Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5V8HS12	Fail to Power On When BC Ready Sensor(MR/UV/DD/Encoder/Entry Sensor) during System Info Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5V8HS13	Fail to Set CIS Led On Value When BC Ready during System Info Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5V8HS14	Fail to Set Source of Scan Ligh When BC Ready during System Info Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5V8HS15	Not Process Shading When BC Ready during System Info Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5V8HS17	Fail to Set AFE Chip When BC Ready during System Info Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5V8HS18	Fail to Set DAC When BC Ready during System Info Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5V8HS19	MR/UV/DD Sampling Start Error When BC Ready during System Info Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5V8HS1A	Fail to Set 2-Notes DAC When BC Ready during System Info Read	1. Check whether double notes sensor is contaminant or not.2. Check whether double notes sensor is connected.3. Retry the operation.4. Change the BC if continuous error.
5V8HS1B	2-Notes to 1-Note Adjust Information Error When BC Ready during System Info Read	1. Perform calibration info about double notes or one note.2. Operate to initialize BRM(Recovery)
5V8HS22	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver When Stop BC during System Info Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5V8HS28	Fail to Set DAC When Stop BC during System Info Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5V8HS29	MR/UV/DD Sampling Stop Error When Stop BC during System Info Read	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5V8HS31	BC Ready Fail When Process CIS Shading – Use in Plant during System Info Read	1. Perform calibration info about double notes or one note and double notes DAC2. Retry the operation

Problem Code	Problem Description	Troubleshooting
5V8HS32	Dark Adjust Fail When Process CIS Shading – Use in Plant during System Info Read	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Change CIS and Cable5. Change BC
5V8HS33	Over Target Gap When Process CIS Shading Shading – Use in Plant during System Info Read	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
5V8HS34	Fail to Write Result Value Flash When Process CIS Shading – Use in Plant during System Info Read	1. Retry the operation2. Change BC
5V8HS35	BC Stop Fail When Process CIS Shading – Use in Plant during System Info Read	1. Retry the operation2. Change BC
5V8HS36	Over 10Pixel-Excess-Image When Process CIS Shading during System Info Read	1. Retry the operation2. Check CIS note quility and setting status3. Check CIS Connection Status4. Change BC
5V8HS37	Dark Shading Result Value is Standard Over When Process CIS Shading during System Info Read	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Retry the operation5. Change BC
5V8HS38	Max Ontime Ove When Process CIS Shadingr – Use in Plant during System Info Read	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
5V8HS39	Fail to Set Source of Shading Light When Process CIS Shading – Use in Plant during System Info Read	1. Retry the operation2. Change BC
5V8HS41	Fail to Adjust 2-Notes DAC (Less Than MIN) – Use in Plant during System Info Read	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the opertion4. Change BC
5V8HS42	Fail to Adjust 2-Notes DAC (Over MAX) – Use in Plant during System Info Read	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the opeartion4. Change BC
5V8HS43	2-Notes Adjust Flash Write Fail – Use in Plant during System Info Read	1. Retry the operation2. Change BC
5V8R100	BC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5V8R200	BC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5V8R300	BC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5V8R600	BC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5V8S100	BCU response MI error during System Info Read	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5V8S200	BCU response BCC error during System Info Read	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5V8S300	BCU response Sub MI error during System Info Read	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5V8S400	BCU response Parameter error during System Info Read	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5V8S900	BCU response Timeout Error during System Info Read	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5VAA100	UTC open Error before operation System Info Read	1. Open the upper unit. 2. Check the UTC removal and reinstallation
5VAA200	TSK open Error before operation System Info Read	1. Open the upper unit. 2. Check the TSK open and close
5VAA300	BMU Inter Lock Error before operation System Info Read	1. Check BMU open and close
5VAA400	BMU open Error before operation System Info Read	1. Check BMU open and close
5VAA500	Replenishment CST open Error before operation System Info Read	1. Check the Transit CST installation
5VAA600	CSM open Error before operation System Info Read	1. Open the upper unit. 2. Check CSM Open/Close
5VAA800	BMD Inter Lock Error before operation System Info Read	1. Open the lower unit. 2. Check the BMD open and close
5VAA900	BMD open Error before operation System Info Read	1. Open the lower unit. 2. Check the BMD open and close
5VAAA00	BC Open Error before operation System Info Read	1. Open the upper unit. 2. Check BC Open/Close
5VAAB00	RC Full Error before operation System Info Read	1. Open the lower unit. 2. Check RC Full and remove notes
5VAAC00	RJC Full Error before operation System Info Read	1. Open the upper unit. 2. Check RJC Full and remove notes
5VAAD00	UTC Full Error before operation System Info Read	1. Open the upper unit. 2. Remove UTC and open the UTC Door3. Remove notes and reinstallation UTC
5VAAE00	RTC Full Error before operation System Info Read	1. Open the lower unit. 2. Remove RT/RJC and open the Door3. Remove notes and reinstall RT/RJC
5VAAF00	RC Empty Error before operation System Info Read	1. Open the lower unit. 2. Remove RC and open the RC Door, Check the Empty Status3. Reinstall the RC
5VAAG00	Suspected note RC open Error before operation System Info Read	1. Open the lower unit. 2. Check the RC removal and reinstall
5VAAM00	RT/RJC in the place of DPC in BRM53, BRM54 System Info Read	1. Check the Status of Cassette setting2. Initialize
5VAAN00	Un-supported BRM Series in System info inquiry System Info Read	1. Check the Status of Cassette setting2. Initialize
5VAAP00	The installed cassette type does not match the cassette type of the BRM series during System Info Read.	1. Check the Status of Cassette setting2. Initialize
5VAE100	Received operation command without Initial Info Set during System Info Read	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization

Problem Code	Problem Description	Troubleshooting
5VAE200	Status on not operation reception command during System Info Read	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5VAE300	Received operation command without System Info Read during System Info Read	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5VAE400	Transaction was executed without Initializing after power on during System Info Read	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5VAEE00	RBU RS485 communication sequence disorder during System Info Read	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5VAEF00	RBU RS485 connection line disorder during System Info Read	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5VAEL00	RBU communication was not ready after power on during System Info Read	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5VAH600	Failure to check clearing NVRAM during System Info Read	1. Operate to initialize BRM(Recovery)
5VAH900	Transit CST EEPROM read Error during System Info Read	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5VAHE00	Transit CST Open Error during Transit CST EEPROM read in the System Info Read	1. Check the Transit CST installation
5VBH000	RC7 Dip SW Read Error during System Info Read	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5VBH100	RC1 EEPROM Read Error during System Info Read	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5VBH200	RC2 EEPROM Read Error during System Info Read	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5VBH300	RC3 EEPROM Read Error during System Info Read	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5VBH400	RC4 EEPROM Read Error during System Info Read	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5VBH500	RC5 EEPROM Read Error during System Info Read	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5VBH600	RC6 EEPROM Read Error during System Info Read	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5VBHH00	RC5 EEPROM Verify Error during System Info Read	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5VBHK00	BMD Open Error During EEPROM Read/Write during System Info Read	1. Check the lower Unit load/removal

Problem Code	Problem Description	Troubleshooting
5VBHL00	BMD Open Error during Check RC Type during System Info Read	1. Check the lower Unit load/removal
5VBHM00	Set undefined BRM Series during System Info Read	1. Check the RBU's Type Dip Switch2. Replace the RBU B/D
5VBHN00	RC1 Dip SW Read Error during System Info Read	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5VBHP00	RC2 Dip SW Read Error during System Info Read	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5VBHQ00	RC3 Dip SW Read Error during System Info Read	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5VBHR00	RC4 Dip SW Read Error during System Info Read	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5VBHS00	RC5 Dip SW Read Error during System Info Read	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5VBHT00	RC6 Dip SW Read Error during System Info Read	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5VBHU00	BMD EEPROM Read Error during System Info Read	1. Replace RBU B/D
5VBHX00	RC7 EEPROM Read Error during System Info Read	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5VBR000	RBU Response Timeout during System Info Read	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5VBR700	RBU Response Message Timeout during System Info Read	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5VBS100	RBU RS-232 Seq Num Echo Error during System Info Read	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5VBS200	RBU RS-232 MI Echo Error during System Info Read	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5VBSS00	RBU Auto Calibration Command Parameter Error during System Info Read	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5VBST00	RBU RTC Set Time valid Error during System Info Read	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5VCR100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5VCR200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5VCR300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5VCR600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5VEH800	CST EEPROM Write Error during System Info Read	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5VEH900	CST EEPROM Read Error during System Info Read	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5VER100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5VER200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5VER300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5VER600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5VUS100	USB Bulk Sequence Error during System Info Read.	1. Restart over AP-SP
5VUS300	USB Bulk Received Length Error during System Info Read.	1. Reboot the system
5VUS400	Message transmission Error from USB to Main Task during System Info Read.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
5VUS500	Message reception Error from MainTask to USB during System Info Read.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
5VUSCMD	Bulk command data check error during System Info Read. (USB communication failure)	1. Restart over AP-SP
5VUSCRC	CRC data check error during System Info Read. (USB communication failure)	1. Restart over AP-SP
5VUSLEN	Bulk length error during System Info Read. (USB communication failure)	1. Restart over AP-SP
5W1R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5W1R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5W1R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5W1R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5W1SZ00	No Note set in RC1, Operation Mode is for Deposit, Withdrawal,both during Initial Info set during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5W2R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5W2R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5W2R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5W2R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5W2SZ00	No Note set in RC2, Operation Mode is for Deposit, Withdrawal,both during Initial Info set during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5W30100	RC3 GS301 Light Jam during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W30200	RC3 GS302 Light Jam during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W30500	RC3 GS305 Light Jam during Initial Info Set	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(C)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5W31100	RC3 GS301 Dark Jam during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W31200	RC3 GS302 Dark Jam during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5W31500	RC3 GS305 Dark Jam during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W32100	Error occurred by notes remained in RC3 GS301 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W32200	Error occurred by notes remained in RC3 GS302 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W32500	Error occurred by notes remained in RC3 GS305 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W33100	Sensor auto calibration error in RC3 GS301 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W33200	Sensor auto calibration error in RC3 GS302 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W33500	Sensor auto calibration error in RC3 GS305 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W34100	Extern lights check error in RC3 GS301 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W34200	Extern lights check error in RC3 GS302 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W34500	Extern lights check error in RC3 GS305 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5W35100	Path error on transport path in RC3 GS301 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W35200	Path error on transport path in RC3 GS302 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W35500	Path error on transport path in RC3 GS305 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W36100	Path error on sensor except for transport path in RC3 GS301 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W36200	Path error on sensor except for transport path in RC3 GS302 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W36500	Path error on sensor except for transport path in RC3 GS305 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W37100	Error occurred by the notes disorder in RC3 GS301 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W37200	Error occurred by the notes disorder in RC3 GS302 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W37500	Error occurred by the notes disorder in RC3 GS305 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W3L100	Remaining notes stack process error in RC3 GS301 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5W3L200	Remaining notes stack process error in RC3 GS302 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W3L500	Remaining notes stack process error in RC3 GS305 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W3R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5W3R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5W3R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5W3R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5W3SZ00	No Note set in RC3, Operation Mode is for Deposit, Withdrawal,both during Initial Info set during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5W40100	RC4 GS401 Light Jam during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W40200	RC4 GS402 Light Jam during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W40500	RC4 GS405 Light Jam during Initial Info Set	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(D)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5W41100	RC4 GS401 Dark Jam during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W41200	RC4 GS402 Dark Jam during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5W41500	RC4 GS405 Dark Jam during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W42100	Error occurred by notes remained in RC4 GS401 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W42200	Error occurred by notes remained in RC4 GS402 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W42500	Error occurred by notes remained in RC4 GS405 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W43100	Sensor auto calibration error in RC4 GS401 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W43200	Sensor auto calibration error in RC4 GS402 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W43500	Sensor auto calibration error in RC4 GS405 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W44100	Extern lights check error in RC4 GS401 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W44200	Extern lights check error in RC4 GS402 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W44500	Extern lights check error in RC4 GS405 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5W45100	Path error on transport path in RC4 GS401 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W45200	Path error on transport path in RC4 GS402 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W45500	Path error on transport path in RC4 GS405 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W46100	Path error on sensor except for transport path in RC4 GS401 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W46200	Path error on sensor except for transport path in RC4 GS402 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W46500	Path error on sensor except for transport path in RC4 GS405 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W47100	Error occurred by the notes disorder in RC4 GS401 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W47200	Error occurred by the notes disorder in RC4 GS402 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W47500	Error occurred by the notes disorder in RC4 GS405 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W4L100	Remaining notes stack process error in RC4 GS401 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5W4L200	Remaining notes stack process error in RC4 GS402 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W4L500	Remaining notes stack process error in RC4 GS405 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W4R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5W4R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5W4R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5W4R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5W4SZ00	No Note set in RC4, Operation Mode is for Deposit, Withdrawal, both during Initial Info set during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5W50100	RC5 GS501 Light Jam during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W50200	RC5 GS502 Light Jam during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W50500	RC5 GS505 Light Jam during Initial Info Set	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(E)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5W51100	RC5 GS501 Dark Jam during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W51200	RC5 GS502 Dark Jam during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5W51500	RC5 GS505 Dark Jam during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W52100	Error occurred by notes remained in RC5 GS501 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W52200	Error occurred by notes remained in RC5 GS502 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W52500	Error occurred by notes remained in RC5 GS505 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W53100	Sensor auto calibration error in RC5 GS501 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W53200	Sensor auto calibration error in RC5 GS502 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W53500	Sensor auto calibration error in RC5 GS505 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W54100	Extern lights check error in RC5 GS501 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W54200	Extern lights check error in RC5 GS502 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W54500	Extern lights check error in RC5 GS505 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5W55100	Path error on transport path in RC5 GS501 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W55200	Path error on transport path in RC5 GS502 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W55500	Path error on transport path in RC5 GS505 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W56100	Path error on sensor except for transport path in RC5 GS501 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W56200	Path error on sensor except for transport path in RC5 GS502 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W56500	Path error on sensor except for transport path in RC5 GS505 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W57100	Error occurred by the notes disorder in RC5 GS501 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W57200	Error occurred by the notes disorder in RC5 GS502 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W57500	Error occurred by the notes disorder in RC5 GS505 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W5L100	Remaining notes stack process error in RC5 GS501 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5W5L200	Remaining notes stack process error in RC5 GS502 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W5L500	Remaining notes stack process error in RC5 GS505 during Initial Info Set	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5W5R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5W5R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5W5R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5W5R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5W5SZ00	No Note set in RC5, Operation Mode is for Deposit, Withdrawal,both during Initial Info set during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5W6H100	CSM EEPROM Write Error (System info inquiry/EEPROM Write) during Initial Info Set	1. Check CSM EEPROM2. Cehck CSM EEPROM connection3. Replace CSM B/D if same error occurs during EEPROM R/W
5W6H200	CSM EEPROM Read Error (System info inquiry/EEPROM Read/Wrtie) during Initial Info Set	1. Check CSM EEPROM2. Cehck CSM EEPROM connection3. Replace CSM B/D if same error occurs during EEPROM R/W
5W6R100	CSM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5W6R200	CSM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5W6R300	CSM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5W6R600	CSM response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5W7R100	TSK response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5W7R200	TSK response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5W7R300	TSK response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5W7R600	TSK response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5W8HA01	GS801A Sensor Error during Initial Info Set	1. Check GS801A2. Operate to initialize BRM(Recovery)
5W8HA02	GS801B Sensor Error during Initial Info Set	1. Check GS801B2. Operate to initialize BRM(Recovery)
5W8HA03	GS801A, GS801B Sensor Error during Initial Info Set	1. Check GS801A, GS801B2. Operate to initialize BRM(Recovery)
5W8HA04	GS802A Sensor Error during Initial Info Set	1. Check GS802A2. Operate to initialize BRM(Recovery)
5W8HA05	GS801A, GS802A Sensor Error during Initial Info Set	1. Check GS801A, GS802A2. Operate to initialize BRM(Recovery)
5W8HA06	GS801B, GS802A Sensor Error during Initial Info Set	1. Check GS801B, GS802A2. Operate to initialize BRM(Recovery)
5W8HA07	GS801A, GS801B, GS802A Sensor Error during Initial Info Set	1. Check GS801A, GS801B, GS802A2. Operate to initialize BRM(Recovery)
5W8HA08	GS802B Sensor Error during Initial Info Set	1. Check GS802B2. Operate to initialize BRM(Recovery)
5W8HA09	GS801A, GS802B Sensor Error during Initial Info Set	1. Check GS801A, GS802B2. Operate to initialize BRM(Recovery)
5W8HA10	GS801B, GS802B Sensor Error during Initial Info Set	1. Check GS801B, GS802B2. Operate to initialize BRM(Recovery)
5W8HA11	GS801A, GS801B, GS802B Sensor Error during Initial Info Set	1. Check GS801A, GS801B, GS802B2. Operate to initialize BRM(Recovery)
5W8HA12	GS802A, GS802B Sensor Error during Initial Info Set	1. Check GS802A, GS802B2. Operate to initialize BRM(Recovery)
5W8HA13	GS801A, GS802A, GS802B Sensor Error during Initial Info Set	1. Check GS801A, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5W8HA14	GS801B, GS802A, GS802B Sensor Error during Initial Info Set	1. Check GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5W8HA15	GS801A, GS801B, GS802A, GS802B Sensor Error during Initial Info Set	1. Check GS801A, GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5W8HB01	MR Sensor Level Error during Initial Info Set	1. Check MR Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5W8HC02	UV_01 Sensor Level Error during Initial Info Set	1. Check UV Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5W8HF03	CIS Shading data loading Fail during Initial Info Set	1. Operate shading in the BC CIS2. Operate to initialize BRM(Recovery)
5W8HF04	Detection DB Table loading Fail during Initial Info Set	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5W8HF05	BC FPGA Data checksum Fail during Initial Info Set	1. Check to BC FPGA File2. Operate to initialize BRM(Recovery)
5W8HF06	BC FPGA Configuration Fail during Initial Info Set	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5W8HF07	BC FPGA Header Information Loading Fail during Initial Info Set	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5W8HF08	BC FPGA Initialize Fail during Initial Info Set	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5W8HF09	BC FPGA VERSION Fail during Initial Info Set	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5W8HF11	Detection DB #01 loading Fail during Initial Info Set	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5W8HF12	Detection DB #02 loading Fail during Initial Info Set	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5W8HF13	Detection DB #03 loading Fail during Initial Info Set	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5W8HF14	Detection DB #04 loading Fail during Initial Info Set	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5W8HF15	Detection DB #05 loading Fail during Initial Info Set	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5W8HF16	Detection DB #06 loading Fail during Initial Info Set	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5W8HF17	Detection DB #07 loading Fail during Initial Info Set	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5W8HF18	Detection DB #08 loading Fail during Initial Info Set	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5W8HF19	Detection DB #09 loading Fail during Initial Info Set	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5W8HF20	Detection DB #10 loading Fail during Initial Info Set	1. Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5W8HG01	Mode Set Error When Receive BC MODE Command (Mode Value is not 1 or 2 ) during Initial Info Set	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5W8HG02	Detection Level Set Error When Receive BC MODE Command (Detection Level Value is 0 ) during Initial Info Set	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5W8HG03	BC Transaction Ready Fail When Receive BC READY Command during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5W8HG04	Mode Set Error When Receive BC READY Command (Mode Value is not 1 or 2 ) during Initial Info Set	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5W8HG05	Detection Level Set Error When Receive BC READY Command (Detection Level Value is 0 ) during Initial Info Set	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5W8HG06	BC Entry Direction Set Error When Receive BC READY Command (Not Deposit-Withdrawal/Stack Direction ) during Initial Info Set	1. Check BC putting direction.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5W8HG07	Receive BC Unknown Command during Initial Info Set	1. Check BC reception full command.1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization.
5W8HG08	The Number of Nations Set Error When Receive BC DATA WRITE Command (Over 0, 10) during Initial Info Set	1. Check the number of supported country.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5W8HG09	Nation Code Set Error When Receive BC DATA WRITE Command during Initial Info Set	1. Check the supported country code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5W8HG10	Detection DB of the Nation is not exist When Receive BC DATA WRITE Command during Initial Info Set	1. Check the BC recognition DB of country.2. Download DB again after deleting all recognition DB3. Operate to initialize BRM(Recovery)4. Reboot the system when same error occurred after initialization.
5W8HG11	No Nation Code When Receive BC READY Command during Initial Info Set	1. Check the country setting value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5W8HG12	BC Version Value Set Error When Receive BC DATA WRITE Command (Not BC FPGA) during Initial Info Set	1. Check the BC specifications devision and BC FPGA specifications.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization
5W8HG20	Fail to Initialize CIS When Receive BC READY Command during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Check CIS part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5W8HG21	Fail to ENCODER POWER ON When Receive BC READY Command during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5W8HG22	Fail to adjust DD Sensor DAC When Receive BC READY Command during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Check whether the sensor is contaminated or not if same error occurs after Initialize3. Reboot the system when same error occurs even though there is no substance.
5W8HG23	DD Sensor DAC Set Error When Receive BC READY Command during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Check DD sensor part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5W8HG24	ENCODER Mode Set Error When Receive BC READY Command during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance
5W8HG30	Counterfeit Note List CRC Error When Receive BC SERIAL NO Command during Initial Info Set	1. Check the forged notes list CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5W8HG31	Not Receive The Number of Counterfeit Note Lists and CRC When Receive BC SERIAL NO Command during Initial Info Set	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5W8HG32	Over The Number of Counterfeit Note Lists When Receive BC SERIAL NO Command (Over 200) during Initial Info Set	1. Check the whole number of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5W8HG33	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Nation Code 0) during Initial Info Set	1. Check the country code of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5W8HG34	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Length Over 2~29) during Initial Info Set	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5W8HG36	Note Number Detection Mode Set Error When Receive BC MODE Command (Mode Value is Not 0, 1, 2) during Initial Info Set	1. Check to the recognized mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5W8HG37	Transaction Classification Set Error When Receive BC MODE Command (Classification Value is Not 0, 1, 2) during Initial Info Set	1. Check to the transaction setting.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5W8HG38	Counterfeit Note List Search Classification Set Error When Receive BC SERIAL NO Command 위조지폐 목록 검색 구분 설정 오류 (Classification Value is Not 1, 2, 3) during Initial Info Set	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5W8HG39	Counterfeit Note List Note Number Set Error When Receive BC SERIAL NO Command (Use '*' When Search Note Number Part) during Initial Info Set	1. Check the forged notes list's note numbers.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5W8HG3A	BC MODE SET Bill Management Level Set Error (Over 1~5) during Initial Info Set	1. Check check management mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5W8HG3B	Over The Number of BC MODE SET Back Codes (Over 15) during Initial Info Set	1. Check the number of check issued by our bank code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5W8HG40	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use End Number at First When Search Note Number Part) during Initial Info Set	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5W8HG41	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use Start Number at Last When Search Note Number Part) during Initial Info Set	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5W8HG42	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Wrong Start/End Number Order When Search Note Number Part) during Initial Info Set	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5W8HG43	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Use Wrong Length Value When Search Note Number Part) during Initial Info Set	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5W8HG44	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Use Wrong Nation Code When Search Note Number Part) during Initial Info Set	1. Check the forged notes list's country-code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5W8HG45	Not Receive The Number of Bill Number Tables and CRC When Receive Check No Write Command during Initial Info Set	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5W8HG46	Bill Number Error When Receive Check No Write Command during Initial Info Set	1. Check the check number when registering check number.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5W8HG47	Bill Number Table Length Set Error When Receive Check No Write Command (Length Over 0~50) during Initial Info Set	1. Check check number table's length.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5W8HG48	Bill Number Table CRC Error When Receive Check No Write Command during Initial Info Set	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5W8HG49	Over The Number of Bill Number Tables When Receive Check No Write Command (Over 5) during Initial Info Set	1. Check check total number of tables.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5W8HH01	Fail to Delete NAND FLASH during Initial Info Set	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5W8HH02	NAND FLASH Delete BLOCK Set Error When Download Detection DB during Initial Info Set	1. Download DB again after checking recognition DB's delete index.2. Operate to initialize BRM(Recovery)
5W8HH03	Fail to Download Detection DB during Initial Info Set	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5W8HH04	NAND FLASH Download BLOCK Set Error When Download Detection DB during Initial Info Set	1. Download DB again after checking recognition DB's index.2. Operate to initialize BRM(Recovery)
5W8HH05	Detection DB Download File Check Error during Initial Info Set	1. Download DB again after checking recognition DB file.2. Operate to initialize BRM(Recovery)
5W8HH06	Detection DB Download File Size Error during Initial Info Set	1. Download DB again after checking recognition DB download file.2. Operate to initialize BRM(Recovery)
5W8HH07	DB Table Save Error After Download Detection DB during Initial Info Set	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5W8HH08	Over Detection DB Download (Over 10) during Initial Info Set	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5W8HH09	Detection DB Header Information Error during Initial Info Set	1. Download DB again after deleting recognition DB.2. Operate to initialize BRM(Recovery)
5W8HH10	EP Download Fail during Initial Info Set	1. Re-download BC EP.2. Change the BC B/D if continuous error.
5W8HH11	EP Download Check Error during Initial Info Set	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5W8HH12	EP Download File Size Error during Initial Info Set	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5W8HH13	EP Download File ID Error (Not EPAP/EPBT/EPFP) during Initial Info Set	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5W8HH14	BC FPGA Download Fail during Initial Info Set	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
5W8HH15	Header Information Save Error After BC FPGA Download during Initial Info Set	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.

Problem Code	Problem Description	Troubleshooting
5W8HH16	Not Provide BC FPGA Download during Initial Info Set	1. Check BC FPGA VERSION.2. Change the BC B/D if continuous error.
5W8HH17	EEPROM READ/WRITE Error during Initial Info Set	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
5W8HH18	Receive Unit Serial Number Undefined Option during Initial Info Set	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
5W8HH19	Receive USB Undefined Command during Initial Info Set	1. Check USB Command from BC and retry the operation2. Check BC version and Update EP3. Change the BC B/D if continuous error.
5W8HH20	No BC Process Note When Receive Image Upload Command during Initial Info Set	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5W8HH21	FC1 Set Error When Receive Image Upload Command during Initial Info Set	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5W8HH22	BC is Processing Note When Receive Image Upload Command during Initial Info Set	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5W8HH23	FC2 Set Error When Receive Image Upload Command during Initial Info Set	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5W8HH24	Not Provide Total Image Upload Function during Initial Info Set	1. Check if SP or TM is out of date.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5W8HH25	Not Provide Note Number Detection Image Upload Function during Initial Info Set	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5W8HH26	FC2 Set Error When Receive Image Information Upload Command during Initial Info Set	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5W8HH27	BRM Transaction Mode is Not Same with Image Upload Command Mode during Initial Info Set	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5W8HH28	BRM Transaction Mode is Not Same with Replenishment/Collect Cash Image Upload Command Mode during Initial Info Set	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5W8HH29	No BC Process Note When Receive Replenishment/Collect Cash Image Upload Command during Initial Info Set	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5W8HH2A	FC1 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Initial Info Set	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5W8HH2B	BC is Processing Note When Receive Replenishment/Collect Cash Image Upload Command during Initial Info Set	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.

Problem Code	Problem Description	Troubleshooting
5W8HH2C	FC2 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Initial Info Set	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5W8HH2D	Not Provide Replenishment/Collect Cash Image Upload Function during Initial Info Set	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5W8HH2E	Note Image Upload Index is Not Same When Receive Replenishment/Collect Cash Image Upload Command during Initial Info Set	1. Get BC log and image.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5W8HI01	RecogTask Messeage Timeout Error during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5W8HI02	ScanTask Messeage Timeout Error during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5W8HI03	UartTask Messeage Timeout Error during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5W8HI04	BcUsbTask Messeage Timeout Error during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5W8HJ01	Algorithm Initialize Fail during Initial Info Set	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5W8HJ02	Algorithm Ready Fail during Initial Info Set	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5W8HJ03	Algorithm Information Set Error during Initial Info Set	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5W8HK01	Table CRC Error When Set Poly-Note Withdrawal Information during Initial Info Set	1. Retry the operation
5W8HK02	CST Note Information Set Number Error When Set Poly-Note Withdrawal Information (n is 0 or over 256) during Initial Info Set	1. Check the number of CST Setting notes info
5W8HK03	Withdrawal Note Number Set Error When Set Poly-Note Withdrawal Information ( n is 0 or over 3000) during Initial Info Set	1. Check Withdrawal notes setting
5W8HK04	Note Information (Not CST Set Note) is Set in Withdrawal Note Information When Set Poly-Note Withdrawal Information during Initial Info Set	1. Check Withdrawal notes info
5W8HS01	FPGA Write Data Error When Initialize Scan Driver during Initial Info Set	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5W8HS02	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver during Initial Info Set	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5W8HS03	Fail to Set CIS Led On Value When Initialize Scan Driver during Initial Info Set	1. Retry the operation.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5W8HS04	Fail to Set Source of Scan Light When Initialize Scan Driver during Initial Info Set	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5W8HS05	Not Process Shading When Initialize Scan Driver during Initial Info Set	1. Perform CiS Shading.2. Operate to initialize BRM(Recovery)
5W8HS08	Fail to Set DAC When Initialize Scan Driver during Initial Info Set	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5W8HS11	FPGA Write Data Error When BC Ready during Initial Info Set	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5W8HS12	Fail to Power On When BC Ready Sensor(MR/UV/DD/Encoder/Entry Sensor) during Initial Info Set	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5W8HS13	Fail to Set CIS Led On Value When BC Ready during Initial Info Set	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5W8HS14	Fail to Set Source of Scan Ligh When BC Ready during Initial Info Set	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5W8HS15	Not Process Shading When BC Ready during Initial Info Set	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5W8HS17	Fail to Set AFE Chip When BC Ready during Initial Info Set	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5W8HS18	Fail to Set DAC When BC Ready during Initial Info Set	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5W8HS19	MR/UV/DD Sampling Start Error When BC Ready during Initial Info Set	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5W8HS1A	Fail to Set 2-Notes DAC When BC Ready during Initial Info Set	1. Check whether double notes sensor is contaminate or not.2. Check whether double notes sensor is connected.3. Retry the operation.4. Change the BC if continuous error.
5W8HS1B	2-Notes to 1-Note Adjust Information Error When BC Ready during Initial Info Set	1. Perform calibration info about double notes or one note.2. Operate to initialize BRM(Recovery)
5W8HS22	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver When Stop BC during Initial Info Set	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5W8HS28	Fail to Set DAC When Stop BC during Initial Info Set	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5W8HS29	MR/UV/DD Sampling Stop Error When Stop BC during Initial Info Set	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5W8HS31	BC Ready Fail When Process CIS Shading – Use in Plant during Initial Info Set	1. Perform calibration info about double notes or one note and double notes DAC2. Retry the operation
5W8HS32	Dark Adjust Fail When Process CIS Shading – Use in Plant during Initial Info Set	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Change CIS and Cable5. Change BC
5W8HS33	Over Target Gap When Process CIS Shading Shading – Use in Plant during Initial Info Set	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
5W8HS34	Fail to Write Result Value Flash When Process CIS Shading – Use in Plant during Initial Info Set	1. Retry the operation2. Change BC

Problem Code	Problem Description	Troubleshooting
5W8HS35	BC Stop Fail When Process CIS Shading – Use in Plant during Initial Info Set	1. Retry the operation2. Change BC
5W8HS36	Over 10Pixel-Excess-Image When Process CIS Shading during Initial Info Set	1. Retry the operation2. Check CIS note quility and setting status3. Check CIS Connection Status4. Change BC
5W8HS37	Dark Shading Result Value is Standard Over When Process CIS Shading during Initial Info Set	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Retry the operation5. Change BC
5W8HS38	Max Ontime Ove When Process CIS Shadingr – Use in Plant during Initial Info Set	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
5W8HS39	Fail to Set Source of Shading Light When Process CIS Shading – Use in Plant during Initial Info Set	1. Retry the operation2. Change BC
5W8HS41	Fail to Adjust 2-Notes DAC (Less Than MIN) – Use in Plant during Initial Info Set	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the operation4. Change BC
5W8HS42	Fail to Adjust 2-Notes DAC (Over MAX) – Use in Plant during Initial Info Set	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the operation4. Change BC
5W8HS43	2-Notes Adjust Flash Write Fail – Use in Plant during Initial Info Set	1. Retry the operation2. Change BC
5W8R100	BC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5W8R200	BC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5W8R300	BC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5W8R600	BC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5W8S100	BCU response MI error during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5W8S200	BCU response BCC error during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5W8S300	BCU response Sub MI error during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5W8S400	BCU response Parameter error during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5W8S900	BCU response Timeout Error during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5WAA100	UTC open Error before operation Initial Info Set	1. Open the upper unit. 2. Check the UTC removal and reinstallation

Problem Code	Problem Description	Troubleshooting
5WAA200	TSK open Error before operation Initial Info Set	1. Open the upper unit. 2. Check the TSK open and close
5WAA300	BMU Inter Lock Error before operation Initial Info Set	1. Check BMU open and close
5WAA400	BMU open Error before operation Initial Info Set	1. Check BMU open and close
5WAA500	Replenishment CST open Error before operation Initial Info Set	1. Check the Transit CST installation
5WAA600	CSM open Error before operation Initial Info Set	1. Open the upper unit. 2. Check CSM Open/Close
5WAA800	BMD Inter Lock Error before operation Initial Info Set	1. Open the lower unit. 2. Check the BMD open and close
5WAA900	BMD open Error before operation Initial Info Set	1. Open the lower unit. 2. Check the BMD open and close
5WAAA00	BC Open Error before operation Initial Info Set	1. Open the upper unit. 2. Check BC Open/Close
5WAAB00	RC Full Error before operation Initial Info Set	1. Open the lower unit. 2. Check RC Full and remove notes
5WAAC00	RJC Full Error before operation Initial Info Set	1. Open the upper unit. 2. Check RJC Full and remove notes
5WAAD00	UTC Full Error before operation Initial Info Set	1. Open the upper unit. 2. Remove UTC and open the UTC Door3. Remove notes and reinstallation UTC
5WAAE00	RTC Full Error before operation Initial Info Set	1. Open the lower unit. 2. Remove RT/RJC and open the Door3. Remove notes and reinstall RT/RJC
5WAAF00	RC Empty Error before operation Initial Info Set	1. Open the lower unit. 2. Remove RC and open the RC Door, Check the Empty Status3. Reinstall the RC
5WAAG00	Suspected note RC open Error before operation Initial Info Set	1. Open the lower unit. 2. Check the RC removal and reinstall
5WAE100	Received operation command without Initial Info Set during Initial Info Set	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5WAE200	Status on not operation reception command during Initial Info Set	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5WAE300	Received operation command without System Info Read during Initial Info Set	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5WAE400	Transaction was executed without Initializing after power on during Initial Info Set	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5WAEE00	RBU RS485 communication sequence disorder during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5WAEF00	RBU RS485 connection line disorder during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5WAEL00	RBU communication was not ready after power on during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization

Problem Code	Problem Description	Troubleshooting
5WAH600	Failure to check clearing NVRAM during Initial Info Set	1. Operate to initialize BRM(Recovery)
5WAHH00	Transaction count exists but GS802A sensor no change during Initial Info set	1. Check GS802A2. Operate to initialize BRM(Recovery)
5WAS100	RC1 box denomination is different with SP set denomination during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5WAS200	RC2 box denomination is different with SP set denomination during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5WAS300	RC3 box denomination is different with SP set denomination during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5WAS400	RC4 box denomination is different with SP set denomination during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5WAS500	RC5 box denomination is different with SP set denomination during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5WAS600	Doubted notes stack set CST disorder when Initial Info Set during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5WAS700	RC7 box denomination is different with SP set denomination during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5WAS900	Option to process same serial number of Deposit count is set error-option and Option to process same serial number of Deposit End/Deposit Cancel is set reject-option during Initial Info Set.	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5WASA00	Set doubted/forged notes distinction data error when Initial Info set during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5WASB00	No UTC to stack forged notes in case of forged note detection setting during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5WASC00	RC6 box denomination is different with SP set denomination during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5WASD00	UTC using setting when UTC is not installed during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5WASF00	Reject notes stack set CST disorder when Initial Info Set during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5WASG00	BRM Not using RTC, Set RTC to Stack Cassette Error during Intial Info set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5WASH00	UTC Use Setting error during Initial Info set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5WASM00	Adjustment Duplicate Note Option is Error during Initial Info set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5WASN00	Setting up country numbers 0 in the Initial Info Set during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5WASP00	Deposit count Duplicate Note Option is Deposit during Initial Info set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5WASQ00	Deposit End Duplicate Note Option is Deposit during Initial Info set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5WASR00	Deposit Cancle Duplicate Note Option is Deposit during Initial Info set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5WASS00	Separation Note Option is Deposit during Initial Info set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5WAST00	Damaged notes stack set CST disorder when Initial Info Set during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5WASU00	Collect TSK/ Lost Note Duplicate Note Option is Deposit during Initial Info set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5WASV00	Adjustment Duplicate Note Option is Deposit during Initial Info set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5WASW00	Replenishment Duplicate Note Option is Deposit during Initial Info set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5WASX00	Collect Duplicate Note Option is Deposit during Initial Info set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5WASY00	Note Option of Number Process is Deposit during Initial Info set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5WASZ00	No Note set in RC, Operation Mode is for Deposit, Withdrawal,both during Initial Info set during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5WBH100	RC1 EEPROM Read Error during Initial Info Set	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5WBH200	RC2 EEPROM Read Error during Initial Info Set	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization

Problem Code	Problem Description	Troubleshooting
5WBH300	RC3 EEPROM Read Error during Initial Info Set	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5WBH400	RC4 EEPROM Read Error during Initial Info Set	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5WBH500	RC5 EEPROM Read Error during Initial Info Set	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5WBH600	RC6 EEPROM Read Error during Initial Info Set	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5WBH700	RC1 EEPROM Write Error during Initial Info Set	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5WBH800	RC2 EEPROM Write Error during Initial Info Set	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5WBH900	RC3 EEPROM Write Error during Initial Info Set	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5WBHA00	RC4 EEPROM Write Error during Initial Info Set	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5WBHB00	RC5 EEPROM Write Error during Initial Info Set	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5WBHC00	RC6 EEPROM Write Error during Initial Info Set	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5WBHD00	RC1 EEPROM Verify Error during Initial Info Set	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5WBHE00	RC2 EEPROM Verify Error during Initial Info Set	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5WBHF00	RC3 EEPROM Verify Error during Initial Info Set	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5WBHG00	RC4 EEPROM Verify Error during Initial Info Set	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5WBHH00	RC5 EEPROM Verify Error during Initial Info Set	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5WBHJ00	RC6 EEPROM Verify Error during Initial Info Set	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5WBHK00	BMD Open Error During EEPROM Read/Write during Initial Info Set	1. Check the lower Unit load/removal
5WBHU00	BMD EEPROM Read Error during Initial Info Set	1. Replace RBU B/D
5WBHV00	BMD EEPROM Write Error during Initial Info Set	1. Replace RBU B/D

Problem Code	Problem Description	Troubleshooting
5WBHW00	BMD EEPROM Verify Error during Initial Info Set	1. Replace RBU B/D
5WBHX00	RC7 EEPROM Read Error during Initial Info Set	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5WBHY00	RC7 EEPROM Write Error during Initial Info Set	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5WBHZ00	RC7 EEPROM Verify Error during Initial Info Set	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5WBR000	RBU Response Timeout during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5WBR700	RBU Response Message Timeout during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5WBS100	RBU RS-232 Seq Num Echo Error during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5WBS200	RBU RS-232 MI Echo Error during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5WBSS00	RBU Auto Calibration Command Parameter Error during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5WBST00	RBU RTC Set Time valid Error during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5WCR100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5WCR200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5WCR300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5WCR600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5WCSZ00	No Note set in RC6, Operation Mode is for Deposit, Withdrawal, both during Initial Info set during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5WEH800	CST EEPROM Write Error during Initial Info Set	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5WEH900	CST EEPROM Read Error during Initial Info Set	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization

Problem Code	Problem Description	Troubleshooting
5WER100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5WER200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5WER300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5WER600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5WESZ00	No Note set in Transit CST, Operation Mode is for Deposit, Withdrawal, both during Initial Info set during Initial Info Set	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5WUS100	USB Bulk Sequence Error during Initial Info Set.	1. Restart over AP-SP
5WUS300	USB Bulk Received Length Error during Initial Info Set.	1. Reboot the system
5WUS400	Message transmission Error from USB to Main Task during Initial Info Set.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
5WUS500	Message reception Error from MainTask to USB during Initial Info Set.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
5WUSCMD	Bulk command data check error during Initial Info Set. (USB communication failure)	1. Restart over AP-SP
5WUSCRC	CRC data check error during Initial Info Set. (USB communication failure)	1. Restart over AP-SP
5WUSLEN	Bulk length error during Initial Info Set. (USB communication failure)	1. Restart over AP-SP
5X00100	GS801 Light Jam error during Replenishment	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6. Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5X00200	GS002 Light Jam error during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X00300	GS003 Light Jam error during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5X00400	GS004 Light Jam error during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X00500	GS005 Light Jam error during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X00600	GS006 Light Jam error during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X00700	GS014 Light Jam error during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X00800	GS018 Light Jam error during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X00900	GS020 Light Jam error during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X00A00	GS021 Light Jam error during Replenishment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5X00C00	GS030 Light Jam error during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X00E00	GS001 Light Jam error during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X00H00	GS618 Light Jam error during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5X00J00	GS619 Light Jam error during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X00M00	GSA01 Light Jam error during Replenishment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5X00N00	GSA02 Light Jam error during Replenishment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5X00P00	GSA03 Light Jam error during Replenishment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5X00Q00	GSD01 Light Jam error during Replenishment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5X00W00	GS802 Light Jam error during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X01100	GS801 Dark Jam error during Replenishment	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5X01200	GS002 Dark Jam error during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X01300	GS003 Dark Jam error during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X01400	GS004 Dark Jam error during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5X01500	GS005 Dark Jam error during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X01600	GS006 Dark Jam error during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X01700	GS014 Dark Jam error during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X01800	GS018 Dark Jam error during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X01900	GS020 Dark Jam error during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X01A00	GS021 Dark Jam error during Replenishment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5X01C00	GS030 Dark Jam error during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X01E00	GS001 Dark Jam error during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X01H00	GS618 Dark Jam error during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X01J00	GS619 Dark Jam error during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5X01M00	GSA01 Dark Jam error during Replenishment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5X01N00	GSA02 Dark Jam error during Replenishment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5X01P00	GSA03 Dark Jam error during Replenishment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5X01Q00	GSD01 Dark Jam error during Replenishment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5X01W00	GS802 Dark Jam error during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X02100	Error occurred by notes remained in GS801 during Replenishment	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5X02200	Error occurred by notes remained in GS002 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X02300	Error occurred by notes remained in GS003 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X02400	Error occurred by notes remained in GS004 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X02500	Error occurred by notes remained in GS005 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5X02600	Error occurred by notes remained in GS006 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X02700	Error occurred by notes remained in GS014 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X02800	Error occurred by notes remained in GS018 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X02900	Error occurred by notes remained in GS020 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X02A00	Error occurred by notes remained in GS021 during Replenishment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5X02C00	Error occurred by notes remained in GS030 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X02E00	Error occurred by notes remained in GS001 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X02H00	Error occurred by notes remained in GS618 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X02J00	Error occurred by notes remained in GS619 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X02M00	Error occurred by notes remained in GSA01 during Replenishment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5X02N00	Error occurred by notes remained in GSA02 during Replenishment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5X02P00	Error occurred by notes remained in GSA03 during Replenishment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5X02Q00	Error occurred by notes remained in GSD01 during Replenishment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5X02W00	Error occurred by notes remained in GS802 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X05100	GS801 Path error on transport path during Replenishment	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5X05200	GS002 Path error on transport path during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X05300	GS003 Path error on transport path during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X05400	GS004 Path error on transport path during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X05500	GS005 Path error on transport path during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X05600	GS006 Path error on transport path during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5X05700	GS014 Path error on transport path during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X05800	GS018 Path error on transport path during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X05900	GS020 Path error on transport path during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X05A00	GS021 Path error on transport path during Replenishment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5X05C00	GS030 Path error on transport path during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X05E00	GS001 Path error on transport path during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X05H00	GS618 Path error on transport path during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X05J00	GS619 Path error on transport path during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X05M00	GSA01 Path error on transport path during Replenishment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5X05N00	GSA02 Path error on transport path during Replenishment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5X05P00	GSA03 Path error on transport path during Replenishment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5X05Q00	GSD01 Path error on transport path during Replenishment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5X05W00	GS802 Path error on transport path during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X06100	GS801 Path error on sensor except for transport path during Replenishment	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5X06200	GS002 Path error on sensor except for transport path during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X06300	GS003 Path error on sensor except for transport path during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X06400	GS004 Path error on sensor except for transport path during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X06500	GS005 Path error on sensor except for transport path during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X06600	GS006 Path error on sensor except for transport path during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X06700	GS014 Path error on sensor except for transport path during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5X06800	GS018 Path error on sensor except for transport path during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X06900	GS020 Path error on sensor except for transport path during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X06A00	GS021 Path error on sensor except for transport path during Replenishment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5X06C00	GS030 Path error on sensor except for transport path during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X06E00	GS001 Path error on sensor except for transport path during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X06H00	GS618 Path error on sensor except for transport path during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X06J00	GS619 Path error on sensor except for transport path during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X06M00	GSA01 Path error on sensor except for transport path during Replenishment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5X06N00	GSA02 Path error on sensor except for transport path during Replenishment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5X06P00	GSA03 Path error on sensor except for transport path during Replenishment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5X06Q00	GSD01 Path error on sensor except for transport path during Replenishment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5X06W00	GS802 Path error on sensor except for transport path during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X07100	Error occurred by the notes disorder in GS801 during Replenishment	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5X07200	Error occurred by the notes disorder in GS002 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X07300	Error occurred by the notes disorder in GS003 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X07400	Error occurred by the notes disorder in GS004 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X07500	Error occurred by the notes disorder in GS005 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X07600	Error occurred by the notes disorder in GS006 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X07700	Error occurred by the notes disorder in GS014 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X07800	Error occurred by the notes disorder in GS018 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5X07900	Error occurred by the notes disorder in GS020 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X07A00	Error occurred by the notes disorder in GS021 during Replenishment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5X07C00	Error occurred by the notes disorder in GS030 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X07E00	Error occurred by the notes disorder in GS001 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X07H00	Error occurred by the notes disorder in GS618 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X07J00	Error occurred by the notes disorder in GS619 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X07M00	Error occurred by the notes disorder in GSA01 during Replenishment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5X07N00	Error occurred by the notes disorder in GSA02 during Replenishment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5X07P00	Error occurred by the notes disorder in GSA03 during Replenishment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5X07Q00	Error occurred by the notes disorder in GSD01 during Replenishment	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5X07W00	Error occurred by the notes disorder in GS802 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X0D100	Reject excess error (continue Reject error) during Replenishment	1. Check the Rejected denomination during Replenishment(Including denomination which did not set up in the cassette)
5X0D200	Reject excess error (notes excess error) during Replenishment	1. Check the Rejected denomination during Replenishment(Including denomination which did not set up in the cassette)
5X0D300	Reject excess error (Unappointed notes error) during Replenishment	1. Check the Rejected denomination during Replenishment(Including denomination which did not set up in the cassette)
5X0D400	Reject excess error (Cassette note error) during Replenishment	1. Check the Rejected denomination during Replenishment(Including denomination which did not set up in the cassette)
5X0D500	Reject excess error (2notes) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
5X0D600	Reject excess error (Gap error(1note)) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
5X0D700	Reject excess error (Gap error(2notes)) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
5X0D800	Reject excess error (skew error) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
5X0D900	Reject excess error (shift error) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
5X0DA00	Reject excess error (Max length error(1note)) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
5X0DB00	Reject excess error (Max length error(2notes)) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
5X0DC00	Reject excess error (Max length error(3notes)) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution

Problem Code	Problem Description	Troubleshooting
5X0DD00	Reject excess error (Max length error(4notes)) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
5X0DE00	Reject excess error (Min length error(1note)) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
5X0DF00	Reject excess error (Min length error(2notes)) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
5X0DG00	Reject excess error (note error) during Replenishment	1. Check the Rejected denomination during Replenishment(Including denomination which did not set up in the cassette)
5X0DH00	Reject excess error (MR error) during Replenishment	1. Check the Rejected Notes during Replenishment(Failure to Notes recognition)
5X0DJ00	Reject excess error (IR error) during Replenishment	1. Check the Rejected Notes during Replenishment(Failure to Notes recognition)
5X0DK00	Reject excess error (Edge error) during Replenishment	1. Check the Rejected Notes during Replenishment(Failure to Notes recognition)
5X0DL00	Reject excess error (Image error) during Replenishment	1. Check the Rejected Notes during Replenishment(Failure to Notes recognition)
5X0DM00	Reject excess error (UV error) during Replenishment	1. Check the Rejected Notes during Replenishment(Failure to Notes recognition)
5X0DN00	Reject excess error (Sensor error) during Replenishment	1. Operate to initialize BRM(Recovery)
5X0DO00	Deposit count disallowed notes reject excess error during Replenishment	1. Operate to initialize BRM(Recovery)
5X0DP00	Reject excess error (Communication error) during Replenishment	1. Operate to initialize BRM(Recovery)
5X0DQ00	Reject excess error (Full & etc) during Replenishment	1. Operate to initialize BRM(Recovery)
5X0DR00	Recognition Fail Error (Recognition test fail) during Replenishment	1. Operate to initialize BRM(Recovery)
5X0DS00	Recognition Fail Error (No Recognition info) during Replenishment	1. Operate to initialize BRM(Recovery)
5X0DT00	Recognition Fail Error (Only STX in Recognition info) during Replenishment	1. Operate to initialize BRM(Recovery)
5X0DU00	Recognition Fail Error (Recognition info BCC NG) during Replenishment	1. Operate to initialize BRM(Recovery)
5X0DV00	Recognition Fail Error (Recognition info MI NG) during Replenishment	1. Operate to initialize BRM(Recovery)
5X0DW00	Recognition Fail Error (Recognition info Index Fail) during Replenishment	1. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5X0DX00	Recognition Fail Error (Info BC Pass Info) during Replenishment	1. Operate to initialize BRM(Recovery)
5X0DY00	Recognition Fail Error (Serial Number Data Format error) during Replenishment	1. Operate to initialize BRM(Recovery)
5X0F100	GM001 motor doesn't operate at a constant speed when the motor works during Replenishment	1. Open the upper unit2. Check the Front Transport Path(2) gear rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Check GS804 Sensor Dark/Light Status and Initialize
5X0F200	GM002 motor doesn't operate at a constant speed when the motor works during Replenishment	1. Open the upper unit2. Check the TOP Transport(4) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
5X0F400	GM004 motor doesn't operate at a constant speed when the motor works during Replenishment	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
5X0F600	GM006 motor doesn't operate at a constant speed when the motor works during Replenishment	1. Open the upper unit2. Check the customer service module (CSM 1-1, 1-2) gear and knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
5X0F700	GM007 motor doesn't operate at a constant speed when the motor works during Replenishment	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
5X0F900	GM009 motor doesn't operate at a constant speed when the motor works during Replenishment	1. Open the Transit Transport, related system point 2. Check the Transit Transport gear, knob rotates softly 3. Check GS019 Sensor Dark/Light Status and Initialize4. Check remained Notes and substance in the Transit Transport5. Initialize
5X0FA00	GM001 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Replenishment	1. Open the upper unit2. Check the Front Transport Path(2) gear rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Check GS804 Sensor Dark/Light Status and Initialize
5X0FB00	GM002 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Replenishment	1. Open the upper unit2. Check the TOP Transport(4) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
5X0FC00	GM004 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Replenishment	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
5X0FD00	GM006 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Replenishment	1. Open the upper unit2. Check the customer service module (CSM 1-1, 1-2) gear and knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
5X0FE00	GM007 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Replenishment	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check GS017 Sensor Dark/Light Status4. Check remained Notes and substance in the upper Transport Path5. Initialize
5X0FF00	GM009 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Replenishment	1. Open the Transit Transport, related system point 2. Check the Transit Transport gear, knob rotates softly 3. Check GS019 Sensor Dark/Light Status4. Check remained Notes and substance in the Transit Transport5. Initialize

Problem Code	Problem Description	Troubleshooting
5X0G100	Failure to 3Way Gate 0 degree mode conversion during Replenishment	1. Open the upper unit2. Open the customer service module(1) and TOP Transport(4)3. Remove notes and substance in the Transport Path and 3way gate4. Check remained Notes and substance in the upper Transport Path5. Initialize
5X0G200	Failure to 3Way Gate 120 degree mode conversion during Replenishment	1. Open the upper unit2. Open the customer service module(1) and TOP Transport(4)3. Remove notes and substance in the Transport Path and 3way gate4. Check remained Notes and substance in the upper Transport Path5. Initialize
5X0GB00	Time Out to 3Way Gate Mode conversion during Replenishment	1. Open the upper unit2. Open the customer service module(1) and TOP Transport(4)3. Remove notes and substance in the Transport Path and 3way gate4. Check remained Notes and substance in the upper Transport Path5. Initialize
5X0GC00	Failure to RTRJ Gate RJC Mode conversion during Replenishment	1. Open the lower unit2. Open MID Transport(7)3. Check remained Notes and substance in the RT/RJC4. Check remained Notes in RT/RJC gate
5X0GD00	Failure to RTRJ Gate RTC Mode conversion during Replenishment	1. Open the lower unit2. Open MID Transport(7)3. Check remained Notes and substance in the RT/RJC4. Check remained Notes in RT/RJC gate
5X0J200	Box full detection or Setting error(Cassette for Replenishment and Reject is same) during Replenishment	1. Open the lower unit2. Open MID Transport(7)3. Check CST inside whether Full or not
5X0K100	Duplication S/N Error during Replenishment	1. Check the duplicate note and remove the note.2. Operate to initialize BRM(Recovery)
5X0N400	Jam Message Receive Error during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X0NA00	Checksum error when notes separate from TSK during Replenishment	1. Operate to initialize BRM(Recovery)
5X0NC00	length different from separation part to stack part after transport during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X0NK00	BC recognized notes have no cassette to be stacked during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X0Q100	UTC detachment Error during Replenishment	1. Open the upper unit2. Check GS010 Sensor Dark/Light Status3. Check UTC(6) installation condition
5X0Q200	TSK detachment Error during Replenishment	1. Open the upper unit2. Check GS015 Sensor Dark/Light Status3. Check TSK(5) installation condition
5X0Q300	BMU Inter Lock Error during Replenishment	1. Check Load/Removal of the upper unit2. Replace a cherry switch when error occurs
5X0Q400	BMU detackment Error during Replenishment	1. Check Load/Removal of the upper unit
5X0Q500	Replenishment CST detachment Error during Replenishment	1. Check the safe door open
5X0Q600	CSM detackment Error during Replenishment	1. Open the upper unit2. Check to open/close CSM3. Check the sensors GS011

Problem Code	Problem Description	Troubleshooting
5X0Q800	BMD Inter Lock Error during Replenishment	1. Check the lower Unit load/removal2. Replace a cherry switch when error occurs
5X0Q900	BMD detachment Error during Replenishment	1. Check the lower Unit load/removal
5X0QA00	BC Open Error during Replenishment	1. Open the upper unit2. Open the customer service module (CSM)3. Check the lock lever in the BC4. Check GS003 Sensor Dark/Light Status
5X0QS00	Receive Error Stop CMD during Replenishment	1. Initialize
5X0R100	BM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X0R200	BM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X0R300	BM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X0SZ00	Receive undefined command during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X10100	RC1 GS101 Light Jam during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X10200	RC1 GS102 Light Jam during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X10500	RC1 GS105 Light Jam during Replenishment	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(A)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5X10Z00	RC1 All Light Jam during Replenishment	1. Operate to initialize BRM.(Recovery)
5X11100	RC1 GS101 Dark Jam during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X11200	RC1 GS102 Dark Jam during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X11500	RC1 GS105 Dark Jam during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5X11Z00	All RC1 Sensor Dark Jam during Replenishment	1. Operate to initialize BRM.(Recovery)
5X12100	Error occurred by notes remained in RC1 GS101 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X12200	Error occurred by notes remained in RC1 GS102 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X12500	Error occurred by notes remained in RC1 GS105 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X12Z00	Error occurred by notes remained in All RC1 Sensor during Replenishment	1. Operate to initialize BRM.(Recovery)
5X13100	RC1 GS101 Sensor auto calibration error during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X13200	RC1 GS102 Sensor auto calibration error during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X13500	RC1 GS105 Sensor auto calibration error during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X13Z00	All RC1 Sensor auto calibration error during Replenishment	1. Operate to initialize BRM.(Recovery)
5X14100	RC1 GS101 Extern lights check error during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X14200	RC1 GS102 Extern lights check error during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X14500	RC1 GS105 Extern lights check error during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X14Z00	All RC1 Sensor Extern lights check error during Replenishment	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5X15100	RC1 GS101 Path error on transport path during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X15200	RC1 GS102 Path error on transport path during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X15500	RC1 GS105 Path error on transport path during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X15Z00	All RC1 Sensor Path error on transport path during Replenishment	1. Operate to initialize BRM.(Recovery)
5X16100	RC1 GS101 Path error on sensor except for transport path during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X16200	RC1 GS102 Path error on sensor except for transport path during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X16500	RC1 GS105 Path error on sensor except for transport path during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X16Z00	RC1 All Path error on sensor except for transport path during Replenishment	1. Operate to initialize BRM.(Recovery)
5X17100	Error occurred by the notes disorder in RC1 GS101 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X17200	Error occurred by the notes disorder in RC1 GS102 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X17500	Error occurred by the notes disorder in RC1 GS105 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X17Z00	Error occurred by the notes disorder in RC1 All during Replenishment	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5X1C400	RC1 Last Note No Front detect during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check the upper and the notes.
5X1G100	RC1 Failure of returning notes (GS101,GS102 Sensors detect no notes) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X1G200	RC1 Failure to move PP to stack position during Replenishment	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(A) . 4. Open the recycle cassette door(A).5. Check cassette status to move stage up and down.
5X1G400	RC1 Failure to upword moving of PP during RC1 stack roller retreat movement during Replenishment	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(A) . 4. Open the recycle cassette door(A).5. Check cassette status to move stage up and down.
5X1G500	RC1 Failure to stack roller retreat (GS113 Sensor no change) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X1G600	RC1 Stack Roller retreat position disorder during RC Separation during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X1G700	RC1 Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS107) no change) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X1G800	RC1 Failure to move PP to press position (GS108 Sensor Dark Fail) during Replenishment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(A).4. Check the stage status after open the recycle cassette(A).5. Check the upper side of the recycle cassette
5X1GA00	RC1 Solenoid Echo error during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A) and reload4. Replace the cassette when same error occurs
5X1GB00	RC1 Feed Roller homeposition Sensor(GS107) Light detect fail during RC Stack during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X1GC00	RC1 Feed Roller homeposition Sensor(GS107) Dark detect fail during RC Stack during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
5X1GD00	RC1 GS101,GS102 Detect notes during move RC Feed Roller to homeposition during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X1GE00	RC1 GS108 detect dark before move RC Feed Roller to homeposition during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note.
5X1GF00	RC1 Notes Setting error during initialize (GS114, Bottom Sensor(GS112) both dark) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note.
5X1GG00	RC1 Stack Roller Sensor(GS113) detect light during RC FM Stack during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X1GH00	RC1 Stack Roller Sensor(GS113) detect dark during RC FM Stack during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X1GJ00	RC1 Stack Roller retreat fail (Motor Overrun) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X1GK00	RC1 Stack Roller retreat fail (Motor speed error) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X1GL00	RC1 Feed Roller homeposition fail (Motor speed error) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X1GQ00	RJC Press and Stack position fail during Replenishment	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
5X1GR00	RJC Stack position fail during Replenishment	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
5X1GS00	RC1 RJC Press position fail during Replenishment	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
5X1GT00	RC1 GS151 fail to detect dark when PP moves down during RJC PP Stack during Replenishment	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.

Problem Code	Problem Description	Troubleshooting
5X1GU00	RC1 GS151 fail to detect light when PP moves down during RJC PP Stack during Replenishment	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
5X1GV00	RC1 GS152 fail to detect dark when PP moves down during RJC PP Stack during Replenishment	1. Open the lower unit.2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
5X1GW00	RC1 GS151 fail to detect light when PP moves down during RJC initialize during Replenishment	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
5X1GX00	RC1 GS101 detects notes during RJC intialize during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X1J100	RJC Full during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
5X1J200	RC1 No Residue during Replenishment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(A).4. Check the notes remain after open the recycle cassette door(A)5. Fill up the Notes if there are no notes
5X1J300	Full,Bottom no detect before move RC1 PP to stack position during Replenishment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(A).4. Check the stage status after open the recycle cassette(A).5. Check contamination of GS111/GS112 sensor.
5X1R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X1R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X1R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X1R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X1RF00	RC1 Feed Motor response timeout during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X1RP00	RC1 PP response timeout during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X1S200	RC1 Receive undefined command during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5X1S300	RC1 Task not for separation receive separation command during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X1SA00	RC1 Sub Task receive undefined command during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X1SR00	RC1 Sub Task for Wait Setting Error during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X20100	RC2 GS201 Light Jam during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X20200	RC2 GS202 Light Jam during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X20500	RC2 GS205 Light Jam during Replenishment	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(B)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5X20Z00	RC2 All Light Jam during Replenishment	1. Operate to initialize BRM.(Recovery)
5X21100	RC2 GS201 Dark Jam during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X21200	RC2 GS202 Dark Jam during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X21500	RC2 GS205 Dark Jam during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X21Z00	RC2 All Dark Jam during Replenishment	1. Operate to initialize BRM.(Recovery)
5X22100	Error occurred by notes remained in RC2 GS201 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X22200	Error occurred by notes remained in RC2 GS202 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5X22500	Error occurred by notes remained in RC2 GS205 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X22Z00	Error occurred by notes remained in RC2 All Sensor during Replenishment	1. Operate to initialize BRM.(Recovery)
5X23100	Sensor auto calibration error in RC2 GS201 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X23200	Sensor auto calibration error in RC2 GS202 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X23500	Sensor auto calibration error in RC2 GS205 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X23Z00	Sensor auto calibration error in RC2 All Sensor during Replenishment	1. Operate to initialize BRM.(Recovery)
5X24100	Extern lights check error in RC2 GS201 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X24200	Extern lights check error in RC2 GS202 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X24500	Extern lights check error in RC2 GS205 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X24Z00	Extern lights check error in RC2 All Sensor during Replenishment	1. Operate to initialize BRM.(Recovery)
5X25100	Path error on transport path in RC2 GS201 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X25200	Path error on transport path in RC2 GS202 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5X25500	Path error on transport path in RC2 GS205 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X25Z00	Path error on transport path in RC2 All Sensor during Replenishment	1. Operate to initialize BRM.(Recovery)
5X26100	Path error on sensor except for transport path in RC2 GS201 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X26200	Path error on sensor except for transport path in RC2 GS202 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X26500	Path error on sensor except for transport path in RC2 GS205 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X26Z00	Path error on sensor except for transport path in RC2 All during Replenishment	1. Operate to initialize BRM.(Recovery)
5X27100	Error occurred by the notes disorder in RC2 GS201 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X27200	Error occurred by the notes disorder in RC2 GS202 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X27500	Error occurred by the notes disorder in RC2 GS205 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X27Z00	Error occurred by the notes disorder in RC2 All during Replenishment	1. Operate to initialize BRM.(Recovery)
5X2C400	RC2 Last Note No Front detect during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check the upper and the notes.
5X2G100	RC2 Failure of returning notes (GS201,GS202 Sensors detect no notes) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5X2G200	RC2 Failure to move PP to stack position during Replenishment	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(B) . 4. Open the recycle cassette door(B).5. Check cassette status to move stage up and down.
5X2G400	RC2 Failure to upward moving of PP during RC2 stack roller retreat movement during Replenishment	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(B) . 4. Open the recycle cassette door(B).5. Check cassette status to move stage up and down.
5X2G500	RC2 Failure to stack roller retreat (GS213 Sensor no change) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X2G600	RC2 Stack Roller retreat position disorder during RC Separation during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X2G700	RC2 Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS207) no change) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X2G800	RC2 Failure to move PP to press position (GS208 Sensor Dark Fail) during Replenishment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(B).4. Check the stage status after open the recycle cassette(B).5. Check the upper side of the recycle cassette
5X2GA00	RC2 Solenoid Echo error during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (B) after removing recycle cassette4. Replace the cassette when same error occurs
5X2GB00	RC2 Feed Roller homeposition Sensor(GS207) Light detect fail during RC Stack during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X2GC00	RC2 Feed Roller homeposition Sensor(GS207) Dark detect fail during RC Stack during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X2GD00	RC2 GS201,GS202 Detect notes during move RC Feed Roller to homeposition during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X2GE00	RC2 GS208 detect dark before move RC Feed Roller to homeposition during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note.
5X2GF00	RC2 Notes Setting error during initialize (GS214, Bottom Sensor(GS212) both dark) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note.

Problem Code	Problem Description	Troubleshooting
5X2GG00	RC2 Stack Roller Sensor(GS213) detect light during RC FM Stack during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X2GH00	RC2 Stack Roller Sensor(GS213) detect dark during RC FM Stack during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X2GJ00	RC2 Stack Roller retreat fail (Motor Overrun) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X2GK00	RC2 Stack Roller retreat fail (Motor speed error) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X2GL00	RC2 Feed Roller homeposition fail (Motor speed error) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X2J200	RC2 No Residue during Replenishment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(B).4. Check the notes remain after open the recycle cassette door(B)5. Fill up the Notes if there are no notes
5X2J300	RC2 Full,Bottom no detect before move RC PP to stack position during Replenishment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(B).4. Check the stage status after open the recycle cassette(B).5. Check contamination of GS211/GS212 sensor.
5X2R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X2R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X2R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X2R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X2RF00	RC2 Feed Motor response timeout during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X2RP00	RC2 PP response timeout during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5X2S200	RC2 Receive undefined command during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X2S300	RC2 Task not for separation receive separation command during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X2SA00	RC2 Sub Task receive undefined command during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X2SR00	RC2 Sub Task for Wait Setting Error during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X30100	RC3 GS301 Light Jam during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X30200	RC3 GS302 Light Jam during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X30500	RC3 GS305 Light Jam during Replenishment	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(C)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5X30Z00	RC3 All Light Jam during Replenishment	1. Operate to initialize BRM.(Recovery)
5X31100	RC3 GS301 Dark Jam during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X31200	RC3 GS302 Dark Jam during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X31500	RC3 GS305 Dark Jam during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X31Z00	RC3 All Dark Jam during Replenishment	1. Operate to initialize BRM.(Recovery)
5X32100	Error occurred by notes remained in RC3 GS301 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5X32200	Error occurred by notes remained in RC3 GS302 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X32500	Error occurred by notes remained in RC3 GS305 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X32Z00	Error occurred by notes remained in RC3 All during Replenishment	1. Operate to initialize BRM.(Recovery)
5X33100	Sensor auto calibration error in RC3 GS301 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X33200	Sensor auto calibration error in RC3 GS302 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X33500	Sensor auto calibration error in RC3 GS305 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X33Z00	Sensor auto calibration error in RC3 All during Replenishment	1. Operate to initialize BRM.(Recovery)
5X34100	Extern lights check error in RC3 GS301 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X34200	Extern lights check error in RC3 GS302 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X34500	Extern lights check error in RC3 GS305 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X34Z00	Extern lights check error in RC3 All during Replenishment	1. Operate to initialize BRM.(Recovery)
5X35100	Path error on transport path in RC3 GS301 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5X35200	Path error on transport path in RC3 GS302 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X35500	Path error on transport path in RC3 GS305 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X35Z00	Path error on transport path in RC3 All during Replenishment	1. Operate to initialize BRM.(Recovery)
5X36100	Path error on sensor except for transport path in RC3 GS301 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X36200	Path error on sensor except for transport path in RC3 GS302 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X36500	Path error on sensor except for transport path in RC3 GS305 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X36Z00	Path error on sensor except for transport path in RC3 All during Replenishment	1. Operate to initialize BRM.(Recovery)
5X37100	Error occurred by the notes disorder in RC3 GS301 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X37200	Error occurred by the notes disorder in RC3 GS302 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X37500	Error occurred by the notes disorder in RC3 GS305 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X37Z00	Error occurred by the notes disorder in RC3 All during Replenishment	1. Operate to initialize BRM.(Recovery)
5X3C400	RC3 Last Note No Front detect during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check the upper and the notes.

Problem Code	Problem Description	Troubleshooting
5X3G100	RC3 Failure of returning notes (GS301,GS302 Sensors detect no notes) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X3G200	RC3 Failure to move PP to stack position during Replenishment	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(C) . 4. Open the recycle cassette door(C).5. Check cassette status to move stage up and down.
5X3G400	RC3 Failure to upward moving of PP during RC3 stack roller retreat movement during Replenishment	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(C) . 4. Open the recycle cassette door(C).5. Check cassette status to move stage up and down.
5X3G500	RC3 Failure to stack roller retreat (GS313 Sensor no change) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X3G600	RC3 Stack Roller retreat position disorder during RC Separation during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X3G700	RC3 RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS307) no change) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X3G800	RC3 Failure to move PP to press position (GS308 Sensor Dark Fail) during Replenishment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(C).4. Check the stage status after open the recycle cassette(C).5. Check the upper side of the recycle cassette
5X3GA00	RC3 RC Solenoid Echo error during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (C) after removing recycle cassette4. Replace the cassette when same error occurs
5X3GB00	RC3 Feed Roller homeposition Sensor(GS307) Light detect fail during RC Stack during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X3GC00	RC3 Feed Roller homeposition Sensor(GS307) Dark detect fail during RC Stack during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X3GD00	RC3 GS301,GS302 Detect notes during move RC Feed Roller to homeposition during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X3GE00	RC3 GS308 detect dark before move RC Feed Roller to homeposition during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note.

Problem Code	Problem Description	Troubleshooting
5X3GF00	RC3 Notes Setting error during initialize (GS314, Bottom Sensor(GS312) both dark) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note.
5X3GG00	RC3 Stack Roller Sensor(GS313) detect light during RC FM Stack during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X3GH00	RC3 Stack Roller Sensor(GS313) detect dark during RC FM Stack during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X3GJ00	RC3 RC Stack Roller retreat fail (Motor Overrun) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X3GK00	RC3 RC Stack Roller retreat fail (Motor speed error) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X3GL00	RC3 RC Feed Roller homeposition fail (Motor speed error) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X3J200	RC3 No Residue during Replenishment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(C).4. Check the notes remain after open the recycle cassette door(C).5. Fill up the Notes if there are no notes
5X3J300	RC3 Full,Bottom no detect before move RC PP to stack position during Replenishment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(C).4. Check the stage status after open the recycle cassette(C).5. Check contamination of GS311/GS312 sensor.
5X3L100	Remaining notes stack process error in RC3 GS301 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X3L200	Remaining notes stack process error in RC3 GS302 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X3L500	Remaining notes stack process error in RC3 GS305 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5X3R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X3R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X3R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X3R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X3RF00	RC3 Feed Motor response timeout during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X3RP00	RC3 PP response timeout during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X3S200	RC3 Receive undefined command during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X3S300	RC3 RC Task not for separation receive separation command during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X3SA00	RC3 RC Sub Task receive undefined command during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X3SR00	RC3 Sub Task for Wait Setting Error during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X40100	RC4 GS401 Light Jam during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X40200	RC4 GS402 Light Jam during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X40500	RC4 GS405 Light Jam during Replenishment	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(D)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5X40Z00	RC4 All Sensor Light Jam during Replenishment	1. Operate to initialize BRM.(Recovery)
5X41100	RC4 GS401 Dark Jam during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5X41200	RC4 GS402 Dark Jam during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X41500	RC4 GS405 Dark Jam during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X41Z00	RC4 All Sensor Dark Jam during Replenishment	1. Operate to initialize BRM.(Recovery)
5X42100	Error occurred by notes remained in RC4 GS401 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X42200	Error occurred by notes remained in RC4 GS402 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X42500	Error occurred by notes remained in RC4 GS405 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X42Z00	Error occurred by notes remained in RC4 All during Replenishment	1. Operate to initialize BRM.(Recovery)
5X43100	Sensor auto calibration error in RC4 GS401 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X43200	Sensor auto calibration error in RC4 GS402 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X43500	Sensor auto calibration error in RC4 GS405 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X43Z00	Sensor auto calibration error in RC4 All during Replenishment	1. Operate to initialize BRM.(Recovery)
5X44100	Extern lights check error in RC4 GS401 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5X44200	Extern lights check error in RC4 GS402 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X44500	Extern lights check error in RC4 GS405 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X44Z00	Extern lights check error in RC4 All during Replenishment	1. Operate to initialize BRM.(Recovery)
5X45100	Path error on transport path in RC4 GS401 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X45200	Path error on transport path in RC4 GS402 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X45500	Path error on transport path in RC4 GS405 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X45Z00	Path error on transport path in RC4 All during Replenishment	1. Operate to initialize BRM.(Recovery)
5X46100	Path error on sensor except for transport path in RC4 GS401 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X46200	Path error on sensor except for transport path in RC4 GS402 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X46500	Path error on sensor except for transport path in RC4 GS405 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X46Z00	Path error on sensor except for transport path in RC4 All during Replenishment	1. Operate to initialize BRM.(Recovery)
5X47100	Error occurred by the notes disorder in RC4 GS401 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5X47200	Error occurred by the notes disorder in RC4 GS402 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X47500	Error occurred by the notes disorder in RC4 GS405 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X47Z00	Error occurred by the notes disorder in RC4 All during Replenishment	1. Operate to initialize BRM.(Recovery)
5X4C400	RC4 Last Note No Front detect during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check the upper and the notes.
5X4G100	RC4 Failure of returning notes (GS401,GS402 Sensors detect no notes) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X4G200	RC4 Failure to move PP to stack position during Replenishment	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(D). 4. Open the recycle cassette door(D).5. Check cassette status to move stage up and down.
5X4G400	RC4 Failure to upward moving of PP during RC4 stack roller retreat movement during Replenishment	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(D). 4. Open the recycle cassette door(D).5. Check cassette status to move stage up and down.
5X4G500	RC4 Failure to stack roller retreat (GS413 Sensor no change) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X4G600	RC4 Stack Roller retreat position disorder during RC Separation during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X4G700	RC4 RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS407) no change) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X4G800	RC4 Failure to move PP to press position (GS408 Sensor Dark Fail) during Replenishment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(D).4. Check the stage status after open the recycle cassette(D).5. Check the upper side of the recycle cassette
5X4GA00	RC4 RC Solenoid Echo error during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (D) after removing recycle cassette4. Replace the cassette when same error occurs

Problem Code	Problem Description	Troubleshooting
5X4GB00	RC4 Feed Roller homeposition Sensor(GS407) Light detect fail during RC Stack during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X4GC00	RC4 Feed Roller homeposition Sensor(GS407) Dark detect fail during RC Stack during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X4GD00	RC4 GS401,GS402 Detect notes during move RC Feed Roller to homeposition during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X4GE00	RC4 GS408 detect dark before move RC Feed Roller to homeposition during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note.
5X4GF00	RC4 Notes Setting error during initialize (GS414, Bottom Sensor(GS412) both dark) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note.
5X4GG00	RC4 Stack Roller Sensor(GS413) detect light during RC FM Stack during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X4GH00	RC4 Stack Roller Sensor(GS413) detect dark during RC FM Stack during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X4GJ00	RC4 RC Stack Roller retreat fail (Motor Overrun) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X4GK00	RC4 RC Stack Roller retreat fail (Motor speed error) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X4GL00	RC4 RC Feed Roller homeposition fail (Motor speed error) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X4J200	RC4 No Residue during Replenishment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(D).4. Check the notes remain after open the recycle cassette door(D)5. Fill up the Notes if there are no notes

Problem Code	Problem Description	Troubleshooting
5X4J300	RC4 Full,Bottom no detect before move RC PP to stack position	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(D).4. Check the stage status after open the recycle cassette(D).5. Check contamination of GS411/GS412 sensor.
5X4L100	Remaining notes stack process error in RC4 GS401 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X4L200	Remaining notes stack process error in RC4 GS402 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X4L500	Remaining notes stack process error in RC4 GS405 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X4R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X4R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X4R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X4R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X4RF00	RC4 Feed Motor response timeout during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X4RP00	RC4 PP response timeout during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X4S200	RC4 Receive undefined command during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X4S300	RC4 RC Task not for separation receive separation command during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X4SA00	RC4 RC Sub Task receive undefined command during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X4SR00	RC4 Sub Task for Wait Setting Error during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5X50100	RC5 GS501 Light Jam during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X50200	RC5 GS502 Light Jam during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X50500	RC5 GS505 Light Jam during Replenishment	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(E)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5X50Z00	RC5 All Light Jam during Replenishment	1. Operate to initialize BRM.(Recovery)
5X51100	RC5 GS501 Dark Jam during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X51200	RC5 GS502 Dark Jam during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X51500	RC5 GS505 Dark Jam during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X51Z00	RC5 All Dark Jam during Replenishment	1. Operate to initialize BRM.(Recovery)
5X52100	Error occurred by notes remained in RC5 GS501 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X52200	Error occurred by notes remained in RC5 GS502 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X52500	Error occurred by notes remained in RC5 GS505 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X52Z00	Error occurred by notes remained in RC5 All during Replenishment	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5X53100	Sensor auto calibration error in RC5 GS501 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X53200	Sensor auto calibration error in RC5 GS502 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X53500	Sensor auto calibration error in RC5 GS505 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X53Z00	Sensor auto calibration error in RC5 All during Replenishment	1. Operate to initialize BRM.(Recovery)
5X54100	Extern lights check error in RC5 GS501 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X54200	Extern lights check error in RC5 GS502 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X54500	Extern lights check error in RC5 GS505 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X54Z00	Extern lights check error in RC5 All during Replenishment	1. Operate to initialize BRM.(Recovery)
5X55100	Path error on transport path in RC5 GS501 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X55200	Path error on transport path in RC5 GS502 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X55500	Path error on transport path in RC5 GS505 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X55Z00	Path error on transport path in RC5 All during Replenishment	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5X56100	Path error on sensor except for transport path in RC5 GS501 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X56200	Path error on sensor except for transport path in RC5 GS502 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X56500	Path error on sensor except for transport path in RC5 GS505 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X56Z00	Path error on sensor except for transport path in RC5 All during Replenishment	1. Operate to initialize BRM.(Recovery)
5X57100	Error occurred by the notes disorder in RC5 GS501 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X57200	Error occurred by the notes disorder in RC5 GS502 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X57500	Error occurred by the notes disorder in RC5 GS505 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X57Z00	Error occurred by the notes disorder in RC5 All during Replenishment	1. Operate to initialize BRM.(Recovery)
5X5C400	RC5 Last Note No Front detect during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check the upper and the notes.
5X5G100	RC5 Failure of returning notes (GS501,GS502 Sensors detect no notes) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X5G200	RC5 Failure to move PP to stack position during Replenishment	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(E). 4. Open the recycle cassette door(E).5. Check cassette status to move stage up and down.
5X5G400	RC5 Failure to upward moving of PP during RC5 stack roller retreat movement during Replenishment	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(E). 4. Open the recycle cassette door(E).5. Check cassette status to move stage up and down.

Problem Code	Problem Description	Troubleshooting
5X5G500	RC5 Failure to stack roller retreat (GS513 Sensor no change) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X5G600	RC5 Stack Roller retreat position disorder during RC Separation during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X5G700	RC5 Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS507) no change) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X5G800	RC5 Failure to move PP to press position (GS508 Sensor Dark Fail) during Replenishment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(E).4. Check the stage status after open the recycle cassette(E).5. Check the upper side of the recycle cassette
5X5GA00	RC5 Solenoid Echo error during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (E) after removing recycle cassette4. Replace the cassette when same error occurs
5X5GB00	RC5 Feed Roller homeposition Sensor(GS507) Light detect fail during RC Stack during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X5GC00	RC5 Feed Roller homeposition Sensor(GS507) Dark detect fail during RC Stack during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X5GD00	RC5 GS501,GS502 Detect notes during move RC Feed Roller to homeposition during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X5GE00	RC5 GS508 detect dark before move RC Feed Roller to homeposition during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note.
5X5GF00	RC5 Notes Setting error during initialize (GS514, Bottom Sensor(GS512) both dark) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note.
5X5GG00	RC5 Stack Roller Sensor(GS513) detect light during RC FM Stack during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X5GH00	RC5 Stack Roller Sensor(GS513) detect dark during RC FM Stack during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
5X5GJ00	RC5 Stack Roller retreat fail (Motor Overrun) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X5GK00	RC5 Stack Roller retreat fail (Motor speed error) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X5GL00	RC5 Feed Roller homeposition fail (Motor speed error) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5X5J200	RC5 No Residue during Replenishment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(E).4. Check the notes remain after open the recycle cassette door(E).5. Fill up the Notes if there are no notes
5X5J300	RC5 Full,Bottom no detect before move RC PP to stack position during Replenishment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(E).4. Check the stage status after open the recycle cassette(E).5. Check contamination of GS511/GS512 sensor.
5X5L100	Remaining notes stack process error in RC5 GS501 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X5L200	Remaining notes stack process error in RC5 GS502 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X5L500	Remaining notes stack process error in RC5 GS505 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5X5R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X5R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X5R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X5R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5X5RF00	RC5 Feed Motor response timeout during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X5RP00	RC5 PP response timeout during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X5S200	RC5 Receive undefined command during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X5S300	RC5 Task not for separation receive separation command during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X5SA00	RC5 Sub Task receive undefined command during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X5SR00	RC5 Sub Task for Wait Setting Error during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X61H00	GS618/619 Dark Jam error during Replenishment.	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5X62100	CSM Residue Error during Replenishment	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5X62300	CSM insert notes excess Error during Replenishment	1. Operate to initialize BRM(Recovery)2. Check inserting notes into the CSM are over 300 counts at one time3. If BRM does not recovery open the outer/inner Shutter of CSM3.Remove notes and substance in the CSM(1)
5X62500	CSM notes disappear Error during Replenishment	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5X62600	CSM notes appear Error during Replenishment	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5X62Z00	CSM Residue Error during Replenishment	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5X6G100	Fail to move CSM BP to Stack Position during Replenishment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
5X6G200	Fail to move CSM BP to Deposit Position during Replenishment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly

Problem Code	Problem Description	Troubleshooting
5X6G300	Fail to move CSM BP to Separation Position during Replenishment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
5X6G500	Fail to move CSM BP to Note-Out Position during Replenishment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
5X6G600	Fail to move CSM P-Roller to Home position during Replenishment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
5X6G800	Fail to CSM return notes during Replenishment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
5X6G900	CSM GM601 Step out during Replenishment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
5X6GA00	Fail to move CSM BP to return note Position during Replenishment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
5X6GB00	Fail to move CSM FP to Deposit Position during Replenishment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Press and release FP check the FP rotate smoothly5. Check GS652 status(Dark & Light)
5X6GF00	Fail to move CSM G-Roller to Homeposition during Replenishment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
5X6GG00	Fail to move both CSM P/G-Roller to Homeposition during Replenishment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
5X6M200	CSM Inner Shutter Open Error during Replenishment	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
5X6M300	CSM Inner Shutter Close Error during Replenishment	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
5X6M400	CSM Outer Shutter Open Error during Replenishment	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
5X6M500	CSM Outer Shutter Close Error during Replenishment	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light

Problem Code	Problem Description	Troubleshooting
5X6M600	CSM Outer Shutter is Opened during Replenishment	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
5X6M700	CSM Inner Shutter Open during Stack during Replenishment	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
5X6M800	CSM Stopper Home position Fail during Replenishment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move PP Front5. Move Bill Stopper forward/backward and check GS668 sensor status6. Initialize
5X6M900	CSM Stopper Stack position Fail during Replenishment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move PP Front5. Move Bill Stopper forward/backward and check GS668 sensor status6. Initialize
5X6MB00	CSM Bill Supporter Up position Fail during Replenishment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Check the failure and breakage of Bill Lifter/Support5. Initialize
5X6MC00	CSM Bill Supporter Down position Fail during Replenishment	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Check the failure and breakage of Bill Lifter/Support5. Initialize
5X6P100	CSM PP Withdrawal(Stack) position Fail during Replenishment	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5X6P200	CSM PP Deposit position Fail during Replenishment	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5X6P300	CSM PP Separation position Fail during Replenishment	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5X6P400	CSM PP collect lost notes position Fail during Replenishment	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize

Problem Code	Problem Description	Troubleshooting
5X6P500	CSM PP Note-out position Fail during Replenishment	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5X6P600	CSM PP Note-arrange position Fail during Replenishment	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5X6P800	CSM PP Control Stack Fail during Replenishment	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5X6P900	CSM PP Return note position Fail during Replenishment	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5X6PD00	CSM PP Check semi-note Fail during Replenishment	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5X6PE00	CSM PP Bill SuCSM PPorter Up position Fail during Replenishment	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5X6R100	CSM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X6R200	CSM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X6R300	CSM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X6R600	CSM response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X6RB00	CSM BP response timeout during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5X6RF00	CSM Feed Motor response timeout during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X6RL00	CSM Lift response timeout during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X6RP00	CSM PP response timeout during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X6RR00	CSM Bill supporter response timeout during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X6RS00	CSM Inner Shutter response timeout during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X6RT00	CSM Stopper response timeout during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X6SA00	CSM Receive undefined command during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X6SR00	CSM Sub Task for Wait Setting Error during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X72100	Error occurred by notes remained in TSK GS701 during Replenishment	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5X72200	Error occurred by notes remained in TSK GS702 during Replenishment	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5X72300	Error occurred by notes remained in TSK GS703,4 during Replenishment	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5X72Z00	Error occurred by notes remained in TSK All Sensor during Replenishment	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5X77100	Error occurred by the notes disorder in TSK GS701 during Replenishment	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5X77200	Error occurred by the notes disorder in TSK GS702 during Replenishment	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5X77300	Error occurred by the notes disorder in TSK GS703,4 during Replenishment	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5X77Z00	Error occurred by the notes disorder in TSK All during Replenishment	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)

Problem Code	Problem Description	Troubleshooting
5X7C200	TSK Last note unclear during separation during Replenishment	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Remove notes and substance TSK(5) 4. Close the upper unit5. Initialize
5X7L100	Remaining notes stack process error in TSK GS701 during Replenishment	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5X7L200	Remaining notes stack process error in TSK GS702 during Replenishment	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5X7L300	Remaining notes stack process error in TSK GS703,4 during Replenishment	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5X7LZ00	Remaining notes stack process error in TSK All during Replenishment	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5X7R100	TSK response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X7R200	TSK response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X7R300	TSK response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X7R600	TSK response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X8HA01	GS801A Sensor Error during Replenishment	1. Check GS801A2. Operate to initialize BRM(Recovery)
5X8HA02	GS801B Sensor Error during Replenishment	1. Check GS801B2. Operate to initialize BRM(Recovery)
5X8HA03	GS801A, GS801B Sensor Error during Replenishment	1. Check GS801A, GS801B2. Operate to initialize BRM(Recovery)
5X8HA04	GS802A Sensor Error during Replenishment	1. Check GS802A2. Operate to initialize BRM(Recovery)
5X8HA05	GS801A, GS802A Sensor Error during Replenishment	1. Check GS801A, GS802A2. Operate to initialize BRM(Recovery)
5X8HA06	GS801B, GS802A Sensor Error during Replenishment	1. Check GS801B, GS802A2. Operate to initialize BRM(Recovery)
5X8HA07	GS801A, GS801B, GS802A Sensor Error during Replenishment	1. Check GS801A, GS801B, GS802A2. Operate to initialize BRM(Recovery)
5X8HA08	GS802B Sensor Error during Replenishment	1. Check GS802B2. Operate to initialize BRM(Recovery)
5X8HA09	GS801A, GS802B Sensor Error during Replenishment	1. Check GS801A, GS802B2. Operate to initialize BRM(Recovery)
5X8HA10	GS801B, GS802B Sensor Error during Replenishment	1. Check GS801B, GS802B2. Operate to initialize BRM(Recovery)
5X8HA11	GS801A, GS801B, GS802B Sensor Error during Replenishment	1. Check GS801A, GS801B, GS802B2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5X8HA12	GS802A, GS802B Sensor Error during Replenishment	1. Check GS802A, GS802B. Operate to initialize BRM(Recovery)
5X8HA13	GS801A, GS802A, GS802B Sensor Error during Replenishment	1. Check GS801A, GS802A, GS802B. Operate to initialize BRM(Recovery)
5X8HA14	GS801B, GS802A, GS802B Sensor Error during Replenishment	1. Check GS801B, GS802A, GS802B. Operate to initialize BRM(Recovery)
5X8HA15	GS801A, GS801B, GS802A, GS802B Sensor Error during Replenishment	1. Check GS801A, GS801B, GS802A, GS802B. Operate to initialize BRM(Recovery)
5X8HB01	MR Sensor Level Error during Replenishment	1. Check MR Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5X8HC02	UV_01 Sensor Level Error during Replenishment	1. Check UV Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5X8HF03	CIS Shading data loading Fail during Replenishment	1. Operate shading in the BC CIS2. Operate to initialize BRM(Recovery)
5X8HF04	Detection DB Table loading Fail during Replenishment	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5X8HF05	BC FPGA Data checksum Fail during Replenishment	1. Check to BC FPGA File2. Operate to initialize BRM(Recovery)
5X8HF06	BC FPGA Configuration Fail during Replenishment	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5X8HF07	BC FPGA Header Information Loading Fail during Replenishment	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5X8HF08	BC FPGA Initialize Fail during Replenishment	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5X8HF09	BC FPGA VERSION Fail during Replenishment	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5X8HF11	Detection DB #01 loading Fail during Replenishment	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5X8HF12	Detection DB #02 loading Fail during Replenishment	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5X8HF13	Detection DB #03 loading Fail during Replenishment	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5X8HF14	Detection DB #04 loading Fail during Replenishment	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5X8HF15	Detection DB #05 loading Fail during Replenishment	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5X8HF16	Detection DB #06 loading Fail during Replenishment	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5X8HF17	Detection DB #07 loading Fail during Replenishment	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5X8HF18	Detection DB #08 loading Fail during Replenishment	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5X8HF19	Detection DB #09 loading Fail during Replenishment	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5X8HF20	Detection DB #10 loading Fail during Replenishment	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5X8HG01	Mode Set Error When Receive BC MODE Command (Mode Value is not 1 or 2 ) during Replenishment	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5X8HG02	Detection Level Set Error When Receive BC MODE Command (Detection Level Value is 0 ) during Replenishment	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5X8HG03	BC Transaction Ready Fail When Receive BC READY Command during Replenishment	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5X8HG04	Mode Set Error When Receive BC READY Command (Mode Value is not 1 or 2 ) during Replenishment	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5X8HG05	Detection Level Set Error When Receive BC READY Command (Detection Level Value is 0 ) during Replenishment	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5X8HG06	BC Entry Direction Set Error When Receive BC READY Command (Not Deposit-Withdrawal/Stack Direction ) during Replenishment	1. Check BC putting direction.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5X8HG07	Receive BC Unknown Command during Replenishment	1. Check BC reception full command.1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization.
5X8HG08	The Number of Nations Set Error When Receive BC DATA WRITE Command (Over 0, 10) during Replenishment	1. Check the number of supported country.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5X8HG09	Nation Code Set Error When Receive BC DATA WRITE Command during Replenishment	1. Check the supported country code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5X8HG10	Detection DB of the Nation is not exist When Receive BC DATA WRITE Command during Replenishment	1. Check the BC recognition DB of country.2. Download DB again after deleting all recognition DB3. Operate to initialize BRM(Recovery)4. Reboot the system when same error occurred after initialization.
5X8HG11	No Nation Code When Receive BC READY Command during Replenishment	1. Check the country setting value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5X8HG12	BC Version Value Set Error When Receive BC DATA WRITE Command (Not BC FPGA) during Replenishment	1. Check the BC specifications devision and BC FPGA specifications.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initializatio
5X8HG20	Fail to Initialize CIS When Receive BC READY Command during Replenishment	1. Operate to initialize BRM(Recovery)2. Check CIS part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.

Problem Code	Problem Description	Troubleshooting
5X8HG21	Fail to ENCODER POWER ON When Receive BC READY Command during Replenishment	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5X8HG22	Fail to adjust DD Sensor DAC When Receive BC READY Command during Replenishment	1. Operate to initialize BRM(Recovery)2. Check whether the sensor is contaminated or not if same error occurs after Initialize3. Reboot the system when same error occurs even though there is no substance.
5X8HG23	DD Sensor DAC Set Error When Receive BC READY Command during Replenishment	1. Operate to initialize BRM(Recovery)2. Check DD sensor part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5X8HG24	ENCODER Mode Set Error When Receive BC READY Command during Replenishment	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance
5X8HG30	Counterfeit Note List CRC Error When Receive BC SERIAL NO Command during Replenishment	1. Check the forged notes list CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5X8HG31	Not Receive The Number of Counterfeit Note Lists and CRC When Receive BC SERIAL NO Command during Replenishment	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5X8HG32	Over The Number of Counterfeit Note Lists When Receive BC SERIAL NO Command (Over 200) during Replenishment	1. Check the whole number of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5X8HG33	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Nation Code 0) during Replenishment	1. Check the country code of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5X8HG34	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Length Over 2~29) during Replenishment	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5X8HG36	Note Number Detection Mode Set Error When Receive BC MODE Command (Mode Value is Not 0, 1, 2) during Replenishment	1. Check to the recognized mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5X8HG37	Transaction Classification Set Error When Receive BC MODE Command (Classification Value is Not 0, 1, 2) during Replenishment	1. Check to the transaction setting.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5X8HG38	Counterfeit Note List Search Classification Set Error When Receive BC SERIAL NO Command 위조지폐 목록 검색 구분 설정 오류 (Classification Value is Not 1, 2, 3 ) during Replenishment	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5X8HG39	Counterfeit Note List Note Number Set Error When Receive BC SERIAL NO Command (Use '*' When Search Note Number Part) during Replenishment	1. Check the forged notes list's note numbers.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5X8HG3A	BC MODE SET Bill Management Level Set Error (Over 1~5) during Replenishment	1. Check check management mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.

Problem Code	Problem Description	Troubleshooting
5X8HG3B	Over The Number of BC MODE SET Back Codes (Over 15) during Replenishment	1. Check the number of check issued by our bank code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5X8HG40	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use End Number at First When Search Note Number Part) during Replenishment	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5X8HG41	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use Start Number at Last When Search Note Number Part) during Replenishment	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5X8HG42	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Wrong Start/End Number Order When Search Note Number Part) during Replenishment	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5X8HG43	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Use Wrong Length Value When Search Note Number Part) during Replenishment	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5X8HG44	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Use Wrong Nation Code When Search Note Number Part) during Replenishment	1. Check the forged notes list's country-code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5X8HG45	Not Receive The Number of Bill Number Tables and CRC When Receive Check No Write Command during Replenishment	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5X8HG46	Bill Number Error When Receive Check No Write Command during Replenishment	1. Check the check number when registering check number.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5X8HG47	Bill Number Table Length Set Error When Receive Check No Write Command (Length Over 0~50) during Replenishment	1. Check check number table's length.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5X8HG48	Bill Number Table CRC Error When Receive Check No Write Command during Replenishment	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5X8HG49	Over The Number of Bill Number Tables When Receive Check No Write Command (Over 5) during Replenishment	1. Check check total number of tables.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5X8HH01	Fail to Delete NAND FLASH during Replenishment	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5X8HH02	NAND FLASH Delete BLOCK Set Error When Download Detection DB during Replenishment	1. Download DB again after checking recognition DB's delete index.2. Operate to initialize BRM(Recovery)
5X8HH03	Fail to Download Detection DB during Replenishment	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5X8HH04	NAND FLASH Download BLOCK Set Error When Download Detection DB during Replenishment	1. Download DB again after checking recognition DB's index.2. Operate to initialize BRM(Recovery)
5X8HH05	Detection DB Download File Check Error during Replenishment	1. Download DB again after checking recognition DB file.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5X8HH06	Detection DB Download File Size Error during Replenishment	1. Download DB again after checking recognition DB download file.2. Operate to initialize BRM(Recovery)
5X8HH07	DB Table Save Error After Download Detection DB during Replenishment	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5X8HH08	Over Detection DB Download (Over 10) during Replenishment	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5X8HH09	Detection DB Header Information Error during Replenishment	1. Download DB again after deleting recognition DB.2. Operate to initialize BRM(Recovery)
5X8HH10	EP Download Fail during Replenishment	1. Re-download BC EP.2. Change the BC B/D if continuous error.
5X8HH11	EP Download Check Error during Replenishment	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5X8HH12	EP Download File Size Error during Replenishment	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5X8HH13	EP Download File ID Error (Not EPAP/EPBT/EPFP) during Replenishment	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5X8HH14	BC FPGA Download Fail during Replenishment	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
5X8HH15	Header Information Save Error After BC FPGA Download during Replenishment	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
5X8HH16	Not Provide BC FPGA Download during Replenishment	1. Check BC FPGA VERSION.2. Change the BC B/D if continuous error.
5X8HH17	EEPROM READ/WRITE Error during Replenishment	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
5X8HH18	Receive Unit Serial Number Undefined Option during Replenishment	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
5X8HH19	Receive USB Undefined Command during Replenishment	1. Check USB Command from BC and retry the operation.2. Check BC version and Update EP3. Change the BC B/D if continuous error.
5X8HH20	No BC Process Note When Receive Image Upload Command during Replenishment	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5X8HH21	FC1 Set Error When Receive Image Upload Command during Replenishment	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5X8HH22	BC is Processing Note When Receive Image Upload Command during Replenishment	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5X8HH23	FC2 Set Error When Receive Image Upload Command during Replenishment	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5X8HH24	Not Provide Total Image Upload Function during Replenishment	1. Check if SP or TM is out of date.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.

Problem Code	Problem Description	Troubleshooting
5X8HH25	Not Provide Note Number Detection Image Upload Function during Replenishment	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5X8HH26	FC2 Set Error When Receive Image Information Upload Command during Replenishment	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5X8HH27	BRM Transaction Mode is Not Same with Image Upload Command Mode during Replenishment	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5X8HH28	BRM Transaction Mode is Not Same with Replenishment/Collect Cash Image Upload Command Mode during Replenishment	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5X8HH29	No BC Process Note When Receive Replenishment/Collect Cash Image Upload Command during Replenishment	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5X8HH2A	FC1 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Replenishment	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5X8HH2B	BC is Processing Note When Receive Replenishment/Collect Cash Image Upload Command during Replenishment	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5X8HH2C	FC2 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Replenishment	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5X8HH2D	Not Provide Replenishment/Collect Cash Image Upload Function during Replenishment	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5X8HH2E	Note Image Upload Index is Not Same When Receive Replenishment/Collect Cash Image Upload Command during Replenishment	1. Get BC log and image.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5X8HI01	RecogTask Messeage Timeout Error during Replenishment	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5X8HI02	ScanTask Messeage Timeout Error during Replenishment	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5X8HI03	UartTask Messeage Timeout Error during Replenishment	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5X8HI04	BcUsbTask Messeage Timeout Error during Replenishment	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5X8HJ01	Algorithm Initialize Fail during Replenishment	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5X8HJ02	Algorithm Ready Fail during Replenishment	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5X8HJ03	Algorithm Information Set Error during Replenishment	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5X8HK01	Table CRC Error When Set Poly-Note Withdrawal Information during Replenishment	1. Retry the operation
5X8HK02	CST Note Information Set Number Error When Set Poly-Note Withdrawal Information (n is 0 or over 256) during Replenishment	1. Check the number of CST Setting notes info
5X8HK03	Withdrawal Note Number Set Error When Set Poly-Note Withdrawal Information ( n is 0 or over 3000) during Replenishment	1. Check Withdrawal notes setting
5X8HK04	Note Information (Not CST Set Note) is Set in Withdrawal Note Information When Set Poly-Note Withdrawal Information during Replenishment	1. Check Withdrawal notes info
5X8HS01	FPGA Write Data Error When Initialize Scan Driver during Replenishment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5X8HS02	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver during Replenishment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5X8HS03	Fail to Set CIS Led On Value When Initialize Scan Driver during Replenishment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5X8HS04	Fail to Set Source of Scan Light When Initialize Scan Driver during Replenishment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5X8HS05	Not Process Shading When Initialize Scan Driver during Replenishment	1. Perform CiS Shading.2. Operate to initialize BRM(Recovery)
5X8HS08	Fail to Set DAC When Initialize Scan Driver during Replenishment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5X8HS11	FPGA Write Data Error When BC Ready during Replenishment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5X8HS12	Fail to Power On When BC Ready Sensor(MR/UV/DD/Encoder/Entry Sensor) during Replenishment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5X8HS13	Fail to Set CIS Led On Value When BC Ready during Replenishment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5X8HS14	Fail to Set Source of Scan Ligh When BC Ready during Replenishment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5X8HS15	Not Process Shading When BC Ready during Replenishment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5X8HS17	Fail to Set AFE Chip When BC Ready during Replenishment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5X8HS18	Fail to Set DAC When BC Ready during Replenishment	1. Retry the operation.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5X8HS19	MR/UV/DD Sampling Start Error When BC Ready during Replenishment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5X8HS1A	Fail to Set 2-Notes DAC When BC Ready during Replenishment	1. Check whether double notes sensor is contaminate or not.2. Check whether double notes sensor is connected.3. Retry the operation.4. Change the BC if continuous error.
5X8HS1B	2-Notes to 1-Note Adjust Information Error When BC Ready during Replenishment	1. Perform calibration info about double notes or one note.2. Operate to initialize BRM(Recovery)
5X8HS22	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver When Stop BC during Replenishment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5X8HS28	Fail to Set DAC When Stop BC during Replenishment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5X8HS29	MR/UV/DD Sampling Stop Error When Stop BC during Replenishment	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5X8HS31	BC Ready Fail When Process CIS Shading – Use in Plant during Replenishment	1. Perform calibration info about double notes or one note and double notes DAC2. Retry the operation
5X8HS32	Dark Adjust Fail When Process CIS Shading – Use in Plant during Replenishment	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Change CIS and Cable5. Change BC
5X8HS33	Over Target Gap When Process CIS Shading Shading – Use in Plant during Replenishment	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
5X8HS34	Fail to Write Result Value Flash When Process CIS Shading – Use in Plant during Replenishment	1. Retry the operation2. Change BC
5X8HS35	BC Stop Fail When Process CIS Shading – Use in Plant during Replenishment	1. Retry the operation2. Change BC
5X8HS36	Over 10Pixel-Excess-Image When Process CIS Shading during Replenishment	1. Retry the operation2. Check CIS note quility and setting status3. Check CIS Connection Status4. Change BC
5X8HS37	Dark Shading Result Value is Standard Over When Process CIS Shading during Replenishment	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Retry the operation5. Change BC
5X8HS38	Max Ontime Ove When Process CIS Shadingr – Use in Plant during Replenishment	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
5X8HS39	Fail to Set Source of Shading Light When Process CIS Shading – Use in Plant during Replenishment	1. Retry the operation2. Change BC
5X8HS41	Fail to Adjust 2-Notes DAC (Less Than MIN) – Use in Plant during Replenishment	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the opertion4. Change BC
5X8HS42	Fail to Adjust 2-Notes DAC (Over MAX) – Use in Plant during Replenishment	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the opertion4. Change BC
5X8HS43	2-Notes Adjust Flash Write Fail – Use in Plant during Replenishment	1. Retry the operation2. Change BC
5X8R100	BC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5X8R200	BC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X8R300	BC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X8R600	BC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X8S100	BCU response MI error during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X8S200	BCU response BCC error during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X8S300	BCU response Sub MI error during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X8S400	BCU response Parameter error during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5X8S900	BCU response Timeout Error during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5XA2100	Error occurred by notes remained in GS801 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5XA2200	Error occurred by notes remained in GS002 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5XA2300	Error occurred by notes remained in GS003 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5XA2400	Error occurred by notes remained in GS004 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5XA2500	Error occurred by notes remained in GS005 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5XA2600	Error occurred by notes remained in GS006 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5XA2700	Error occurred by notes remained in GS014 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5XA2800	Error occurred by notes remained in GS018 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5XA2900	Error occurred by notes remained in GS020 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5XA2A00	Error occurred by notes remained in GS021 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5XA2C00	Error occurred by the notes remained in the BCU(CIS Sensor or DD Sensor) during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5XA2E00	Error occurred by notes remained in GS001 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5XA2H00	Error occurred by notes remained in GS618 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5XA2J00	Error occurred by notes remained in GS619 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5XA2K00	Error occurred by notes remained in GS701,702 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5XA2M00	Error occurred by notes remained in GSA01 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5XA2N00	Error occurred by notes remained in GSA02 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5XA2P00	Error occurred by notes remained in GSA03 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5XA2Q00	Error occurred by notes remained in GSD01 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5XA2W00	Error occurred by notes remained in GS802 during Replenishment	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5XAA100	UTC open Error before operation Replenishment	1. Open the upper unit. 2. Check the UTC removal and reinstallation
5XAA200	TSK open Error before operation Replenishment	1. Open the upper unit. 2. Check the TSK open and close
5XAA300	BMU Inter Lock Error before operation Replenishment	1. Check BMU open and close
5XAA400	BMU open Error before operation Replenishment	1. Check BMU open and close
5XAA500	Replenishment CST open Error before operation Replenishment	1. Check the Transit CST installation
5XAA600	CSM open Error before operation Replenishment	1. Open the upper unit. 2. Check CSM Open/Close
5XAA800	BMD Inter Lock Error before operation Replenishment	1. Open the lower unit. 2. Check the BMD open and close
5XAA900	BMD open Error before operation Replenishment	1. Open the lower unit. 2. Check the BMD open and close
5XAAA00	BC Open Error before operation Replenishment	1. Open the upper unit. 2. Check BC Open/Close
5XAAB00	RC Full Error before operation Replenishment	1. Open the lower unit. 2. Check RC Full and remove notes
5XAAC00	RJC Full Error before operation Replenishment	1. Open the upper unit. 2. Check RJC Full and remove notes
5XAAD00	UTC Full Error before operation Replenishment	1. Open the upper unit. 2. Remove UTC and open the UTC Door3. Remove notes and reinstallation UTC

Problem Code	Problem Description	Troubleshooting
5XAAE00	RTC Full Error before operation Replenishment	1. Open the lower unit. 2. Remove RT/RJC and open the Door3. Remove notes and reinstall RT/RJC
5XAAF00	RC Empty Error before operation Replenishment	1. Open the lower unit. 2. Remove RC and open the RC Door, Check the Empty Status3. Reinstall the RC
5XAAG00	Suspected note RC open Error before operation Replenishment	1. Open the lower unit. 2. Check the RC removal and reinstall
5XAAJ00	Replenishment is not supported in the setting Test Mode	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5XAE100	Received operation command without Initial Info Set during Replenishment	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5XAE200	Status on not operation reception command during Replenishment	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5XAE300	Received operation command without System Info Read during Replenishment	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5XAE400	Transaction was executed without Initializing after power on during Replenishment	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5XAE500	Received operation command on a device that does not support the Transit CST or the rear transit CST during Replenishment.	1. Restart over AP-SP2. Do transation operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5XAEE00	RBU RS485 communication sequence disorder during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5XAEF00	RBU RS485 connection line disorder during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5XAEL00	RBU communication was not ready after power on during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5XAH600	Failure to check clearing NVRAM during Replenishment	1. Operate to initialize BRM(Recovery)
5XAHF00	Transaction count exists but GS801A sensor no change during Replenishment	1. Check GS801A2. Operate to initialize BRM(Recovery)
5XAHG00	Transaction count exists but GS801B sensor no change during Replenishment	1. Check GS801B2. Operate to initialize BRM(Recovery)
5XAHH00	Transaction count exists but GS802A sensor no change during Replenishment	1. Check GS802A2. Operate to initialize BRM(Recovery)
5XAHJ00	Transaction count exists but GS802B sensor no change during Replenishment	1. Check GS802B2. Operate to initialize BRM(Recovery)
5XAJ100	Semi error of RC all full detection during replenishment	1. Open the lower unit. 2. Check RC Full and remove notes
5XAJ800	Semi error of CST empty detection during operation ready in replenishment	1. Initialize
5XAJ900	Semi error of CST empty detection during replenishment	1. Initialize

Problem Code	Problem Description	Troubleshooting
5XAJA00	Semi error of CST separation during replenishment	1. Initialize
5XAJB00	Semi error of received stop command during replenishment/collect cash	1. Initialize
5XAJC00	Semi error of no available RJC during replenishment/collect cash	1. Initialize
5XAJD00	Semi error of no available CST during replenishment/collect cash	1. Initialize
5XAJF00	Semi error of RC all full detection during operation ready in replenishment	1. Open the lower unit. 2. Check RC Full and remove notes
5XAN100	RC1 stack counts is different with BC pass info of normal count in the Replenishment	1. Operate to initialize BRM(Recovery)
5XAN200	RC2 stack counts is different with BC pass info of normal count in the Replenishment	1. Operate to initialize BRM(Recovery)
5XAN300	RC3 stack counts is different with BC pass info of normal count in the Replenishment	1. Operate to initialize BRM(Recovery)
5XAN400	RC4 stack counts is different with BC pass info of normal count in the Replenishment	1. Operate to initialize BRM(Recovery)
5XAN500	RC5 stack counts is different with BC pass info of normal count in the Replenishment	1. Operate to initialize BRM(Recovery)
5XANE00	RC6 stack counts is different with BC pass info of normal count in the Replenishment	1. Operate to initialize BRM(Recovery)
5XANF00	RC7 stack counts is different with BC pass info of normal count in the Replenishment	1. Operate to initialize BRM(Recovery)
5XAR100	Message timeout error during operation ready during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5XAR200	Message timeout error during transaction operation during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5XAR300	Message timeout error during error postprocessing during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5XAR800	RBU/BC sensor auto dimming response message timeout error during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5XARC00	BC response message timeout error during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5XARJ00	Message timeout error during Stop Ready during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5XAS700	Comparative error when Replenishment denomination/note count set during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5XAS800	RC is not in use during Replenishment (Not for Deposit or Error occurred) during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5XASB00	Stop command Receive Semi-normal during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5XASD00	Set Count in DPC or RJC during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5XASE00	USB Timeout occurs due to excessive RC Separation error Retry during Replenishment.	1. Operate to initialize(recover) BRM.2. Reboot the system when the same error occurs after initialization.
5XASK00	Reject CST Set Error during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5XASQ00	Both RC and CST have Requested count during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5XASR00	Max withdrawal count excess request error during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5XASY00	Requested count is 0 during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5XBH100	RC1 EEPROM Read Error during Replenishment	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5XBH200	RC2 EEPROM Read Error during Replenishment	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5XBH300	RC3 EEPROM Read Error during Replenishment	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5XBH400	RC4 EEPROM Read Error during Replenishment	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5XBH500	RC5 EEPROM Read Error during Replenishment	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5XBH600	RC6 EEPROM Read Error during Replenishment	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5XBH700	RC1 EEPROM Write Error during Replenishment	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5XBH800	RC2 EEPROM Write Error during Replenishment	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization

Problem Code	Problem Description	Troubleshooting
5XBH900	RC3 EEPROM Write Error during Replenishment	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5XBHA00	RC4 EEPROM Write Error during Replenishment	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5XBHB00	RC5 EEPROM Write Error during Replenishment	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5XBHC00	RC6 EEPROM Write Error during Replenishment	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5XBHD00	RC1 EEPROM Verify Error during Replenishment	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5XBHE00	RC2 EEPROM Verify Error during Replenishment	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5XBHF00	RC3 EEPROM Verify Error during Replenishment	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5XBHG00	RC4 EEPROM Verify Error during Replenishment	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5XBHH00	RC5 EEPROM Verify Error during Replenishment	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5XBHJ00	RC6 EEPROM Verify Error during Replenishment	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5XBHK00	BMD Open Error During EEPROM Read/Write during Replenishment	1. Check the lower Unit load/removal
5XBHU00	BMD EEPROM Read Error during Replenishment	1. Replace RBU B/D
5XBHV00	BMD EEPROM Write Error during Replenishment	1. Replace RBU B/D
5XBHW00	BMD EEPROM Verify Error during Replenishment	1. Replace RBU B/D
5XBHX00	RC7 EEPROM Read Error during Replenishment	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5XBHY00	RC7 EEPROM Write Error during Replenishment	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5XBHZ00	RC7 EEPROM Verify Error during Replenishment	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5XBR000	RBU Response Timeout during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5XBR700	RBU Response Message Timeout during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5XBS100	RBU RS-232 Seq Num Echo Error during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5XBS200	RBU RS-232 MI Echo Error during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5XBSS00	RBU Auto Calibration Command Parameter Error during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5XC0100	RC6 GSC01 Light Jam during Replenishment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XC0200	RC6 GSC02 Light Jam during Replenishment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XC0500	RC6 GSC05 Light Jam during Replenishment	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(8)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5XC0Z00	RC6 All Light Jam during Replenishment	1. Operate to initialize BRM.(Recovery)
5XC1100	RC6 GSC01 Dark Jam during Replenishment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XC1200	RC6 GSC02 Dark Jam during Replenishment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XC1500	RC6 GSC05 Dark Jam during Replenishment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XC1Z00	RC6 All Dark Jam during Replenishment	1. Operate to initialize BRM.(Recovery)
5XC2100	Error occurred by notes remained in RC6 GSC01 during Replenishment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XC2200	Error occurred by notes remained in RC6 GSC02 during Replenishment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5XC2500	Error occurred by notes remained in RC6 GSC05 during Replenishment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XC2Z00	Error occurred by notes remained in RC6 All during Replenishment	1. Operate to initialize BRM.(Recovery)
5XC3100	Sensor auto calibration error in RC6 GSC01 during Replenishment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XC3200	Sensor auto calibration error in RC6 GSC02 during Replenishment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XC3500	Sensor auto calibration error in RC6 GSC05 during Replenishment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XC3Z00	Sensor auto calibration error in RC6 All during Replenishment	1. Operate to initialize BRM.(Recovery)
5XC4100	Extern lights check error in RC6 GSC01 during Replenishment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XC4200	Extern lights check error in RC6 GSC02 during Replenishment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XC4500	Extern lights check error in RC6 GSC05 during Replenishment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XC4Z00	Extern lights check error in RC6 All during Replenishment	1. Operate to initialize BRM.(Recovery)
5XC5100	Path error on transport path in RC6 GSC01 during Replenishment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XC5200	Path error on transport path in RC6 GSC02 during Replenishment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5XC5500	Path error on transport path in RC6 GSC05 during Replenishment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XC5Z00	Path error on transport path in RC6 All during Replenishment	1. Operate to initialize BRM.(Recovery)
5XC6100	Path error on sensor except for transport path in RC6 GSC01 during Replenishment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XC6200	Path error on sensor except for transport path in RC6 GSC02 during Replenishment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XC6500	Path error on sensor except for transport path in RC6 GSC05 during Replenishment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XC6Z00	Path error on sensor except for transport path in RC6 All during Replenishment	1. Operate to initialize BRM.(Recovery)
5XC7100	Error occurred by the notes disorder in RC6 GSC01 during Replenishment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XC7200	Error occurred by the notes disorder in RC6 GSC02 during Replenishment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XC7500	Error occurred by the notes disorder in RC6 GSC05 during Replenishment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XC7Z00	Error occurred by the notes disorder in RC6 All during Replenishment	1. Operate to initialize BRM.(Recovery)
5XCC400	RJC Last Note No Front detect during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check the upper and the notes.
5XCG100	RC6 Failure of returning notes (GSC01,GSC02 Sensors detect no notes) during Replenishment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5XCG200	RC6 Failure to move PP to stack position during Replenishment	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(8). 4. Open the recycle cassette door(8).5. Check cassette status to move stage up and down.
5XCG400	RC6 Failure to upward moving of PP during RC6 stack roller retreat movement during Replenishment	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(8). 4. Open the recycle cassette door(8).5. Check cassette status to move stage up and down.
5XCG500	RC6 Failure to stack roller retreat (GSC13 Sensor no change) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5XCG600	RC6 Stack Roller retreat position disorder during RC Separation during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5XCG700	RC6 RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GSC07) no change) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5XCG800	RC6 Failure to move PP to press position (GSC08 Sensor Dark Fail) during Replenishment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(8).4. Check the stage status after open the recycle cassette(8).5. Check the upper side of the recycle cassette
5XCGA00	RC6 RC Solenoid Echo error during Replenishment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8) and reload.4. Replace the cassette when same error occurs.
5XCGB00	RC6 Feed Roller homeposition Sensor(GSC07) Light detect fail during RC Stack during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5XCGC00	RC6 Feed Roller homeposition Sensor(GSC07) Dark detect fail during RC Stack during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5XCGD00	RC6 GSC01,GSC02 Detect notes during move RC Feed Roller to homeposition during Replenishment	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XCGE00	RC6 GSC08 detect dark before move RC Feed Roller to homeposition during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
5XCGF00	RC6 Notes Setting error during initialize (GSC14, Bottom Sensor(GSC12) both dark) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.

Problem Code	Problem Description	Troubleshooting
5XCGG00	RC6 Stack Roller Sensor(GSC13) detect light during RC FM Stack during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5XCGH00	RC6 Stack Roller Sensor(GSC13) detect dark during RC FM Stack during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5XCGJ00	RC6 RC Stack Roller retreat fail (Motor Overrun) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5XCGK00	RC6 RC Stack Roller retreat fail (Motor speed error) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5XCGL00	RC6 RC Feed Roller homeposition fail (Motor speed error) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5XCGQ00	RJC Press and Stack position fail during Replenishment	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
5XCGR00	RJC Stack position fail during Replenishment	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
5XCGS00	RC6 RJC Press position fail during Replenishment	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
5XCGT00	RC6 GSC51 fail to detect dark when PP moves down during RJC PP Stack during Replenishment	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
5XCGU00	RC6 GSC51 fail to detect light when PP moves down during RJC PP Stack during Replenishment	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
5XCGV00	RC6 GSC52 fail to detect dark when PP moves down during RJC PP Stack during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
5XCGW00	RC6 GSC51 fail to detect light when PP moves down during RJC initialize during Replenishment	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.

Problem Code	Problem Description	Troubleshooting
5XCGX00	RC6 GSC01 detects notes during RJC initialize during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XCJ100	RC6 RJC Full during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
5XCJ200	RC6 RC No Residue during Replenishment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(8).4. Check the notes remain after open the recycle cassette door(8)5. Fill up the Notes if there are no notes
5XCJ300	RC6 Full,Bottom no detect before move RC PP to stack position during Replenishment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(A).4. Check the stage status after open the recycle cassette(A).5. Check contamination of GS111/GS112 sensor.
5XCR100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5XCR200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5XCR300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5XCR600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5XCRF00	RC6 Feed Motor response timeout during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5XCRP00	RC6 PP response timeout during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5XCS200	RC6 Receive undefined command during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5XCS300	RC6 Task not for separation receive separation command during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5XCSA00	RC6 Sub Task receive undefined command during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5XCSR00	RC6 Sub Task for Wait Setting Error during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5XE0100	CST GS901 Light Jam during Replenishment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5XE0200	CST GS902 Light Jam during Replenishment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5XE0500	CST GS905 Light Jam during Replenishment	1. Remove note in the transit path.2. Open the transit cassette door after remove the cassette.3. Remove note in the upper side.
5XE0Z00	CST All Light Jam during Replenishment	1. Operate to initialize BRM.(Recovery)
5XE1100	CST GS901 Dark Jam during Replenishment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5XE1200	CST GS902 Dark Jam during Replenishment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5XE1500	CST GS905 Dark Jam during Replenishment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5XE1Z00	CST All Dark Jam during Replenishment	1. Operate to initialize BRM.(Recovery)
5XE2100	Error occurred by notes remained in CST GS901 during Replenishment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5XE2200	Error occurred by notes remained in CST GS902 during Replenishment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5XE2500	Error occurred by notes remained in CST GS905 during Replenishment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5XE2Z00	Error occurred by notes remained in CST All during Replenishment	1. Operate to initialize BRM.(Recovery)
5XE3100	Sensor auto calibration error in CST GS901 during Replenishment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5XE3200	Sensor auto calibration error in CST GS902 during Replenishment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5XE3500	Sensor auto calibration error in CST GS905 during Replenishment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5XE3Z00	Sensor auto calibration error in CST All during Replenishment	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5XE4100	Extern lights check error in CST GS901 during Replenishment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5XE4200	Extern lights check error in CST GS902 during Replenishment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5XE4500	Extern lights check error in CST GS905 during Replenishment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5XE4Z00	Extern lights check error in CST All during Replenishment	1. Operate to initialize BRM.(Recovery)
5XE5100	Path error on transport path in CST GS901 during Replenishment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5XE5200	Path error on transport path in CST GS902 during Replenishment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5XE5500	Path error on transport path in CST GS905 during Replenishment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5XE5Z00	Path error on transport path in CST All during Replenishment	1. Operate to initialize BRM.(Recovery)
5XE6100	Path error on sensor except for transport path in CST GS901 during Replenishment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5XE6200	Path error on sensor except for transport path in CST GS902 during Replenishment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5XE6500	Path error on sensor except for transport path in CST GS905 during Replenishment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5XE6Z00	Path error on sensor except for transport path in CST All during Replenishment	1. Operate to initialize BRM.(Recovery)
5XE7100	Error occurred by the notes disorder in CST GS901 during Replenishment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5XE7200	Error occurred by the notes disorder in CST GS902 during Replenishment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5XE7500	Error occurred by the notes disorder in CST GS905 during Replenishment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5XE7Z00	Error occurred by the notes disorder in CST All during Replenishment	1. Operate to initialize BRM.(Recovery)
5XEC100	CST Miss-Pickup during Replenishment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check the upper and the notes.
5XEC200	Exceeded number of retries for CST separation error during Replenishment.	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check the upper and the notes.
5XEC400	CST Last Note No Front detect during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check the upper and the notes.
5XEG100	CST Failure of returning notes (GS901,GS902 Sensors detect no notes) during Replenishment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5XEG200	CST Failure to move PP to stack position during Replenishment	1. Remove the transit cassette.2. Open the cassette door.3. Check the stage status.
5XEG400	CST Failure to upword moving of PP during RC stack roller retreat movement during Replenishment	1. Remove the transit cassette.2. Open the cassette door.3. Check the stage status.
5XEG500	CST Failure to stack roller retreat (GS913 Sensor no change) during Replenishment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5XEG600	CST Stack Roller retreat position disorder during RC Separation during Replenishment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5XEG700	CST RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS907) no change) during Replenishment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5XEG800	CST Failure to move PP to press position (GS908 Sensor Dark Fail) during Replenishment	1. Remove the transit cassette.2. Check the stage status after open the cassette.3. Check the upper side of the cassette
5XEGA00	CST RC Solenoid Echo error during Replenishment	1. Reload the transit cassette after removing the cassette.2. Change the cassette when same error occur.
5XEGB00	CST Feed Roller homeposition Sensor(GS907) Light detect fail during RC Stack during Replenishment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5XEGC00	CST Feed Roller homeposition Sensor(GS907) Dark detect fail during RC Stack during Replenishment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
5XEGD00	CST GS901,GS902 Detect notes during move RC Feed Roller to homeposition during Replenishment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5XEGE00	CST GS908 detect dark before move RC Feed Roller to homeposition during Replenishment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note.
5XEGF00	CST Notes Setting error during initialize (GS914, Bottom Sensor(GS912) both dark) during Replenishment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note.
5XEGG00	CST Stack Roller Sensor(GS913) detect light during RC FM Stack during Replenishment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5XEGH00	CST Stack Roller Sensor(GS913) detect dark during RC FM Stack during Replenishment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5XEGJ00	CST RC Stack Roller retreat fail (Motor Overrun) during Replenishment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5XEGK00	CST RC Stack Roller retreat fail (Motor speed error) during Replenishment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5X EGL00	CST RC Feed Roller homeposition fail (Motor speed error) during Replenishment	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5XEJ200	CST No Residue during Replenishment	1. Remove the transit cassette.2. Check the notes remain after open the cassette door.3. Fill up the Notes if there are no notes
5XEJ300	CST Full,Bottom no detect before move RC PP to stack position during Replenishment	1. Remove the transit cassette.2. Check the stage status after open the cassette.3. Check the upper side of the cassette
5XEK100	CST separation request notes is 0 during Replenishment	1. Operate to initialize BRM.(Recovery)
5XENL00	CST Requested notes is more than Residue notes,separation stop during Replenishment	1. Check CST actual count and SPL screen count.2. Setting CST count match actual count.3. Operate to initialize BRM(Recovery)
5XER100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5XER200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5XER300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5XER600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5XERF00	CST Feed Motor response timeout during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5XERP00	CST PP response timeout during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5XES200	CST Receive undefined command during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5XES300	CST RC Task not for separation receive separation command during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5XESA00	CST RC Sub Task receive undefined command during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5XESR00	CST Sub Task for Wait Setting Error during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5XF0100	RC7 GSF01 Light Jam during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XF0200	RC7 GSF02 Light Jam during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XF0500	RC7 GSF05 Light Jam during Replenishment	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(F)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5XF0Z00	RC7 All Light Jam during Replenishment	1. Operate to initialize BRM.(Recovery)
5XF1100	RC7 GSF01 Dark Jam during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XF1200	RC7 GSF02 Dark Jam during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XF1500	RC7 GSF05 Dark Jam during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5XF1Z00	All RC7 Sensor Dark Jam during Replenishment	1. Operate to initialize BRM.(Recovery)
5XF2100	Error occurred by notes remained in RC7 GSF01 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XF2200	Error occurred by notes remained in RC7 GSF02 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XF2500	Error occurred by notes remained in RC7 GSF05 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XF2Z00	Error occurred by notes remained in All RC7 Sensor during Replenishment	1. Operate to initialize BRM.(Recovery)
5XF3100	RC7 GSF01 Sensor auto calibration error during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XF3200	RC7 GSF02 Sensor auto calibration error during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XF3500	RC7 GSF05 Sensor auto calibration error during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XF3Z00	All RC7 Sensor auto calibration error during Replenishment	1. Operate to initialize BRM.(Recovery)
5XF4100	RC7 GSF01 Extern lights check error during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XF4200	RC7 GSF02 Extern lights check error during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XF4500	RC7 GSF05 Extern lights check error during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XF4Z00	All RC7 Sensor Extern lights check error during Replenishment	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5XF5100	RC7 GSF01 Path error on transport path during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XF5200	RC7 GSF02 Path error on transport path during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XF5500	RC7 GSF05 Path error on transport path during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XF5Z00	All RC7 Sensor Path error on transport path during Replenishment	1. Operate to initialize BRM.(Recovery)
5XF6100	RC7 GSF01 Path error on sensor except for transport path during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XF6200	RC7 GSF02 Path error on sensor except for transport path during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XF6500	RC7 GSF05 Path error on sensor except for transport path during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XF6Z00	RC7 All Path error on sensor except for transport path during Replenishment	1. Operate to initialize BRM.(Recovery)
5XF7100	Error occurred by the notes disorder in RC7 GSF01 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XF7200	Error occurred by the notes disorder in RC7 GSF02 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XF7500	Error occurred by the notes disorder in RC7 GSF05 during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XF7Z00	Error occurred by the notes disorder in RC7 All during Replenishment	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5XFG100	RC7 Failure of returning notes (GSF01,GSF02 Sensors detect no notes) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XFG200	RC7 Failure to move PP to stack position during Replenishment	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(F) . 4. Open the recycle cassette door(A).5. Check cassette status to move stage up and down.
5XFG400	RC7 Failure to upward moving of PP during RC7 stack roller retreat movement during Replenishment	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(F) . 4. Open the recycle cassette door(A).5. Check cassette status to move stage up and down.
5XFG500	RC7 Failure to stack roller retreat (GS113 Sensor no change) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5XFG600	RC7 Stack Roller retreat position disorder during RC Separation during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5XFG700	RC7 Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GSF07) no change) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5XFG800	RC7 Failure to move PP to press position (GSF08 Sensor Dark Fail) during Replenishment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(F).4. Check the stage status after open the recycle cassette(F).5. Check the upper side of the recycle cassette
5XFGA00	RC7 Solenoid Echo error during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F) and reload4. Replace the cassette when same error occurs
5XFGB00	RC7 Feed Roller homeposition Sensor(GSF07) Light detect fail during RC Stack during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5XFGC00	RC7 Feed Roller homeposition Sensor(GSF07) Dark detect fail during RC Stack during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5XFGD00	RC7 GSF01,GSF02 Detect notes during move RC Feed Roller to homeposition during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5XFGE00	RC7 GSF08 detect dark before move RC Feed Roller to homeposition during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note.

Problem Code	Problem Description	Troubleshooting
5XFGF00	RC7 Notes Setting error during initialize (GSF14, Bottom Sensor(GSF12) both dark) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note.
5XFGG00	RC7 Stack Roller Sensor(GS113) detect light during RC FM Stack during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5XFGH00	RC7 Stack Roller Sensor(GS113) detect dark during RC FM Stack during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5XFGJ00	RC7 Stack Roller retreat fail (Motor Overrun) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5XFGK00	RC7 Stack Roller retreat fail (Motor speed error) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5XFGL00	RC7 Feed Roller homeposition fail (Motor speed error) during Replenishment	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5XFJ200	RC7 No Residue during Replenishment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(F).4. Check the notes remain after open the recycle cassette door(A)5. Fill up the Notes if there are no notes
5XFJ300	Full,Bottom no detect before move RC7 PP to stack position during Replenishment	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(F).4. Check the stage status after open the recycle cassette(F).5. Check contamination of GSF11/GSF12 sensor.
5XFRF00	RC7 Feed Motor response timeout during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5XFRP00	RC7 PP response timeout during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5XFS200	RC7 Receive undefined command during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5XFS300	RC7 Task not for separation receive separation command during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5XFSA00	RC7 Sub Task receive undefined command during Replenishment	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5XFSR00	RC7 Sub Task for Wait Setting Error during Replenishment	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization
5XUS100	USB Bulk Sequence Error during Replenishment.	1. Restart over AP-SP
5XUS300	USB Bulk Received Length Error during Replenishment.	1. Reboot the system
5XUS400	Message transmission Error from USB to Main Task during Replenishment.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
5XUS500	Message reception Error from MainTask to USB during Replenishment.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
5XUSCMD	Bulk command data check error during Replenishment. (USB communication failure)	1. Restart over AP-SP
5XUSCRC	CRC data check error during Replenishment. (USB communication failure)	1. Restart over AP-SP
5XUSLEN	Bulk length error during Replenishment. (USB communication failure)	1. Restart over AP-SP
5Y00100	GS801 Light Jam error during Collect cash	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5Y00200	GS002 Light Jam error during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y00300	GS003 Light Jam error during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y00400	GS004 Light Jam error during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y00500	GS005 Light Jam error during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y00600	GS006 Light Jam error during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Y00700	GS014 Light Jam error during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y00800	GS018 Light Jam error during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y00900	GS020 Light Jam error during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y00A00	GS021 Light Jam error during Collect cash	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y00C00	GS030 Light Jam error during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y00E00	GS001 Light Jam error during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y00H00	GS618 Light Jam error during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y00J00	GS619 Light Jam error during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y00M00	GSA01 Light Jam error during Collect cash	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y00N00	GSA02 Light Jam error during Collect cash	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Y00P00	GSA03 Light Jam error during Collect cash	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y00Q00	GSD01 Light Jam error during Collect cash	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y00W00	GS802 Light Jam error during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y01100	GS801 Dark Jam error during Collect cash	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5Y01200	GS002 Dark Jam error during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y01300	GS003 Dark Jam error during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y01400	GS004 Dark Jam error during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y01500	GS005 Dark Jam error during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y01600	GS006 Dark Jam error during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y01700	GS014 Dark Jam error during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Y01800	GS018 Dark Jam error during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y01900	GS020 Dark Jam error during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y01A00	GS021 Dark Jam error during Collect cash	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y01C00	GS030 Dark Jam error during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y01E00	GS001 Dark Jam error during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y01H00	GS618 Dark Jam error during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y01J00	GS619 Dark Jam error during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y01M00	GSA01 Dark Jam error during Collect cash	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y01N00	GSA02 Dark Jam error during Collect cash	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y01P00	GSA03 Dark Jam error during Collect cash	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Y01Q00	GSD01 Dark Jam error during Collect cash	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y01W00	GS802 Dark Jam error during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y02100	Error occurred by notes remained in GS801 during Collect cash	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5Y02200	Error occurred by notes remained in GS002 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y02300	Error occurred by notes remained in GS003 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y02400	Error occurred by notes remained in GS004 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y02500	Error occurred by notes remained in GS005 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y02600	Error occurred by notes remained in GS006 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y02700	Error occurred by notes remained in GS014 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y02800	Error occurred by notes remained in GS018 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Y02900	Error occurred by notes remained in GS020 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y02A00	Error occurred by notes remained in GS021 during Collect cash	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y02C00	Error occurred by notes remained in GS030 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y02E00	Error occurred by notes remained in GS001 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y02H00	Error occurred by notes remained in GS618 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y02J00	Error occurred by notes remained in GS619 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y02M00	Error occurred by notes remained in GSA01 during Collect cash	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y02N00	Error occurred by notes remained in GSA02 during Collect cash	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y02P00	Error occurred by notes remained in GSA03 during Collect cash	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y02Q00	Error occurred by notes remained in GSD01 during Collect cash	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Y02W00	Error occurred by notes remained in GS802 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y05100	GS801 Path error on transport path during Collect cash	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5Y05200	GS002 Path error on transport path during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y05300	GS003 Path error on transport path during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y05400	GS004 Path error on transport path during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y05500	GS005 Path error on transport path during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y05600	GS006 Path error on transport path during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y05700	GS014 Path error on transport path during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y05800	GS018 Path error on transport path during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y05900	GS020 Path error on transport path during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Y05A00	GS021 Path error on transport path during Collect cash	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y05C00	GS030 Path error on transport path during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y05E00	GS001 Path error on transport path during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y05H00	GS618 Path error on transport path during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y05J00	GS619 Path error on transport path during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y05M00	GSA01 Path error on transport path during Collect cash	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y05N00	GSA02 Path error on transport path during Collect cash	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y05P00	GSA03 Path error on transport path during Collect cash	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y05Q00	GSD01 Path error on transport path during Collect cash	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y05W00	GS802 Path error on transport path during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Y06100	GS801 Path error on sensor except for transport path during Collect cash	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance
5Y06200	GS002 Path error on sensor except for transport path during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y06300	GS003 Path error on sensor except for transport path during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y06400	GS004 Path error on sensor except for transport path during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y06500	GS005 Path error on sensor except for transport path during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y06600	GS006 Path error on sensor except for transport path during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y06700	GS014 Path error on sensor except for transport path during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y06800	GS018 Path error on sensor except for transport path during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y06900	GS020 Path error on sensor except for transport path during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y06A00	GS021 Path error on sensor except for transport path during Collect cash	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Y06C00	GS030 Path error on sensor except for transport path during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y06E00	GS001 Path error on sensor except for transport path during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y06H00	GS618 Path error on sensor except for transport path during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y06J00	GS619 Path error on sensor except for transport path during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y06M00	GSA01 Path error on sensor except for transport path during Collect cash	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y06N00	GSA02 Path error on sensor except for transport path during Collect cash	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y06P00	GSA03 Path error on sensor except for transport path during Collect cash	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y06Q00	GSD01 Path error on sensor except for transport path during Collect cash	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y06W00	GS802 Path error on sensor except for transport path during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y07100	Error occurred by the notes disorder in GS801 during Collect cash	1. Open the upper unit. 2. Check the Front Transport Path(4) knob rotates softly 3.Check remained Notes and substance in the upper Transport Path4. Open the customer service module (CSM)5. Open the BC(5) 6.Remove notes and substance in the Front Transport Path(4) 7. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Y07200	Error occurred by the notes disorder in GS002 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y07300	Error occurred by the notes disorder in GS003 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y07400	Error occurred by the notes disorder in GS004 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y07500	Error occurred by the notes disorder in GS005 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y07600	Error occurred by the notes disorder in GS006 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y07700	Error occurred by the notes disorder in GS014 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y07800	Error occurred by the notes disorder in GS018 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y07900	Error occurred by the notes disorder in GS020 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y07A00	Error occurred by the notes disorder in GS021 during Collect cash	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y07C00	Error occurred by the notes disorder in GS030 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Y07E00	Error occurred by the notes disorder in GS001 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y07H00	Error occurred by the notes disorder in GS618 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y07J00	Error occurred by the notes disorder in GS619 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y07M00	Error occurred by the notes disorder in GSA01 during Collect cash	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y07N00	Error occurred by the notes disorder in GSA02 during Collect cash	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y07P00	Error occurred by the notes disorder in GSA03 during Collect cash	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y07Q00	Error occurred by the notes disorder in GSD01 during Collect cash	1. Open the lower unit. 4. Remove notes and substance in the MID Transport Path(7)3. Rotate MID Transport Knob to remove notes4. Open the MID Transport5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y07W00	Error occurred by the notes disorder in GS802 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y0D100	Reject excess error (continue Reject error) during Collect cash	1. Check the Rejected denomination during Collect cash(Including denomination which did not set up in the cassette)
5Y0D200	Reject excess error (notes excess error) during Collect cash	1. Check the Rejected denomination during Collect cash(Including denomination which did not set up in the cassette)
5Y0D300	Reject excess error (Unappointed notes error) during Collect cash	1. Check the Rejected denomination during Collect cash(Including denomination which did not set up in the cassette)
5Y0D400	Reject excess error (Cassette note error) during Collect cash	1. Check the Rejected denomination during Collect cash(Including denomination which did not set up in the cassette)

Problem Code	Problem Description	Troubleshooting
5Y0D500	Reject excess error (2notes) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
5Y0D600	Reject excess error (Gap error(1note)) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
5Y0D700	Reject excess error (Gap error(2notes)) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
5Y0D800	Reject excess error (skew error) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
5Y0D900	Reject excess error (shift error) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
5Y0DA00	Reject excess error (Max length error(1note)) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
5Y0DB00	Reject excess error (Max length error(2notes)) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
5Y0DC00	Reject excess error (Max length error(3notes)) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
5Y0DD00	Reject excess error (Max length error(4notes)) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
5Y0DE00	Reject excess error (Min length error(1note)) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
5Y0DF00	Reject excess error (Min length error(2notes)) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Open the Recycle Cassette4. Stage Down the Recycle Cassette5. Remove the note and substance by using Knob for removing JAM6. Check Sensor pollution
5Y0DG00	Reject excess error (note error) during Collect cash	1. Check the Rejected denomination during Collect cash(Including denomination which did not set up in the cassette)
5Y0DH00	Reject excess error (MR error) during Collect cash	1. Check the Rejected Notes during Collect cash(Failure to Notes recognition)
5Y0DJ00	Reject excess error (IR error) during Collect cash	1. Check the Rejected Notes during Collect cash(Failure to Notes recognition)

Problem Code	Problem Description	Troubleshooting
5Y0DK00	Reject excess error (Edge error) during Collect cash	1. Check the Rejected Notes during Collect cash(Failure to Notes recognition)
5Y0DL00	Reject excess error (Image error) during Collect cash	1. Check the Rejected Notes during Collect cash(Failure to Notes recognition)
5Y0DM00	Reject excess error (UV error) during Collect cash	1. Check the Rejected Notes during Collect cash(Failure to Notes recognition)
5Y0DN00	Reject excess error (Sensor error) during Collect cash	1. Operate to initialize BRM(Recovery)
5Y0DO00	Deposit count disallowed notes reject excess error during Collect cash	1. Operate to initialize BRM(Recovery)
5Y0DP00	Reject excess error (Communication error) during Collect cash	1. Operate to initialize BRM(Recovery)
5Y0DQ00	Reject excess error (Full & etc) during Collect cash	1. Operate to initialize BRM(Recovery)
5Y0DR00	Recognition Fail Error (Recognition test fail) during Collect cash	1. Operate to initialize BRM(Recovery)
5Y0DS00	Recognition Fail Error (No Recognition info) during Collect cash	1. Operate to initialize BRM(Recovery)
5Y0DT00	Recognition Fail Error (Only STX in Recognition info) during Collect cash	1. Operate to initialize BRM(Recovery)
5Y0DU00	Recognition Fail Error (Recognition info BCC NG) during Collect cash	1. Operate to initialize BRM(Recovery)
5Y0DV00	Recognition Fail Error (Recognition info MI NG) during Collect cash	1. Operate to initialize BRM(Recovery)
5Y0DW00	Recognition Fail Error (Recognition info Index Fail) during Collect cash	1. Operate to initialize BRM(Recovery)
5Y0DX00	Recognition Fail Error (Info BC Pass Info) during Collect cash	1. Operate to initialize BRM(Recovery)
5Y0DY00	Recognition Fail Error (Serial Number Data Format error) during Collect cash	1. Operate to initialize BRM(Recovery)
5Y0F100	GM001 motor doesn't operate at a constant speed when the motor works during Collect cash	1. Open the upper unit2. Check the Front Transport Path(2) gear rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Check GS804 Sensor Dark/Light Status and Initialize
5Y0F200	GM002 motor doesn't operate at a constant speed when the motor works during Collect cash	1. Open the upper unit2. Check the TOP Transport(4) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
5Y0F400	GM004 motor doesn't operate at a constant speed when the motor works during Collect cash	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
5Y0F600	GM006 motor doesn't operate at a constant speed when the motor works during Collect cash	1. Open the upper unit2. Check the customer service module (CSM 1-1, 1-2) gear and knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize

Problem Code	Problem Description	Troubleshooting
5Y0F700	GM007 motor doesn't operate at a constant speed when the motor works during Collect cash	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
5Y0F900	GM009 motor doesn't operate at a constant speed when the motor works during Collect cash	1. Open the Transit Transport, related system point 2. Check the Transit Transport gear, knob rotates softly 3. Check GS019 Sensor Dark/Light Status and Initialize4. Check remained Notes and substance in the Transit Transport5. Initialize
5Y0FA00	GM001 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Collect cash	1. Open the upper unit2. Check the Front Transport Path(2) gear rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Check GS804 Sensor Dark/Light Status and Initialize
5Y0FB00	GM002 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Collect cash	1. Open the upper unit2. Check the TOP Transport(4) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
5Y0FC00	GM004 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Collect cash	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
5Y0FD00	GM006 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Collect cash	1. Open the upper unit2. Check the customer service module (CSM 1-1, 1-2) gear and knob rotates softly 3. Check remained Notes and substance in the upper Transport Path4. Initialize
5Y0FE00	GM007 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Collect cash	1. Open the upper unit2. Check the MID Transport(7) gear, knob rotates softly 3. Check GS017 Sensor Dark/Light Status4. Check remained Notes and substance in the upper Transport Path5. Initialize
5Y0FF00	GM009 motor doesn't operate at a constant speed when the motor works (Encoder reduces) during Collect cash	1. Open the Transit Transport, related system point 2. Check the Transit Transport gear, knob rotates softly 3. Check GS019 Sensor Dark/Light Status4. Check remained Notes and substance in the Transit Transport5. Initialize
5Y0FY00	Fail to Start BM Low Speed Control during Collect cash (Motor Encoder Error)	1. Open the lower, upper unit2. Check remained Notes and substance in the upper, lower Transport Path3. Check motor encoder sensors4. Initialize
5Y0G100	Failure to 3Way Gate 0 degree mode conversion during Collect cash	1. Open the upper unit2. Open the customer service module(1) and TOP Transport(4)3. Remove notes and substance in the Transport Path and 3way gate4. Check remained Notes and substance in the upper Transport Path5. Initialize
5Y0G200	Failure to 3Way Gate 120 degree mode conversion during Collect cash	1. Open the upper unit2. Open the customer service module(1) and TOP Transport(4)3. Remove notes and substance in the Transport Path and 3way gate4. Check remained Notes and substance in the upper Transport Path5. Initialize
5Y0GB00	Time Out to 3Way Gate Mode conversion during Collect cash	1. Open the upper unit2. Open the customer service module(1) and TOP Transport(4)3. Remove notes and substance in the Transport Path and 3way gate4. Check remained Notes and substance in the upper Transport Path5. Initialize
5Y0GC00	Failure to RTRJ Gate RJC Mode conversion during Collect cash	1. Open the lower unit2. Open MID Transport(7)3. Check remained Notes and substance in the RT/RJC4. Check remained Notes in RT/RJC gate

Problem Code	Problem Description	Troubleshooting
5Y0GD00	Failure to RTRJ Gate RTC Mode conversion during Collect cash	1. Open the lower unit2. Open MID Transport(7)3. Check remained Notes and substance in the RT/RJC4. Check remained Notes in RT/RJC gate
5Y0J200	Box full detection error during Collect cash	1. Open the lower unit2. Open MID Transport(7)3. Check CST inside whether Full or not
5Y0K100	Duplication S/N Error during Collect cash	1. Check the duplicate note and remove the note.2. Operate to initialize BRM(Recovery)
5Y0N400	Jam Message Receive Error during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y0NA00	Checksum error when notes separate from TSK during Collect cash	1. Operate to initialize BRM(Recovery)
5Y0NC00	length different from separation part to stack part after transport during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y0NK00	BC recognized notes have no cassette to be stacked during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y0Q100	UTC detachment Error during Collect cash	1. Open the upper unit2. Check GS010 Sensor Dark/Light Status3. Check UTC(6) installation condition
5Y0Q200	TSK detachment Error during Collect cash	1. Open the upper unit2. Check GS015 Sensor Dark/Light Status3. Check TSK(5) installation condition
5Y0Q300	BMU Inter Lock Error during Collect cash	1. Check Load/Removal of the upper unit2. Replace a cherry switch when error occurs
5Y0Q400	BMU detackment Error during Collect cash	1. Check Load/Removal of the upper unit
5Y0Q500	Replenishment CST detachment Error during Collect cash	1. Check the safe door open
5Y0Q600	CSM detackment Error during Collect cash	1. Open the upper unit2. Check to open/close CSM3. Check the sensors GS011
5Y0Q800	BMD Inter Lock Error during Collect cash	1. Check the lower Unit load/removal2. Replace a cherry switch when error occurs
5Y0Q900	BMD detachment Error during Collect cash	1. Check the lower Unit load/removal
5Y0QA00	BC Open Error during Collect cash	1. Open the upper unit2. Open the customer service module (CSM)3. Check the lock lever in the BC4. Check GS003 Sensor Dark/Light Status
5Y0QS00	Receive Error Stop CMD during Collect cash	1. Initialize
5Y0R100	BM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y0R200	BM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y0R300	BM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5Y0SZ00	Receive undefined command during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y10100	RC1 GS101 Light Jam during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y10200	RC1 GS102 Light Jam during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y10500	RC1 GS105 Light Jam during Collect cash	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(A)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5Y10Z00	RC1 All Light Jam during Collect cash	1. Operate to initialize BRM.(Recovery)
5Y11100	RC1 GS101 Dark Jam during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y11200	RC1 GS102 Dark Jam during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y11500	RC1 GS105 Dark Jam during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y11Z00	All RC1 Sensor Dark Jam during Collect cash	1. Operate to initialize BRM.(Recovery)
5Y12100	Error occurred by notes remained in RC1 GS101 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y12200	Error occurred by notes remained in RC1 GS102 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y12500	Error occurred by notes remained in RC1 GS105 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y12Z00	Error occurred by notes remained in All RC1 Sensor during Collect cash	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5Y13100	RC1 GS101 Sensor auto calibration error during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y13200	RC1 GS102 Sensor auto calibration error during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y13500	RC1 GS105 Sensor auto calibration error during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y13Z00	All RC1 Sensor auto calibration error during Collect cash	1. Operate to initialize BRM.(Recovery)
5Y14100	RC1 GS101 Extern lights check error during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y14200	RC1 GS102 Extern lights check error during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y14500	RC1 GS105 Extern lights check error during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y14Z00	All RC1 Sensor Extern lights check error during Collect cash	1. Operate to initialize BRM.(Recovery)
5Y15100	RC1 GS101 Path error on transport path during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y15200	RC1 GS102 Path error on transport path during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y15500	RC1 GS105 Path error on transport path during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y15Z00	All RC1 Sensor Path error on transport path during Collect cash	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5Y16100	RC1 GS101 Path error on sensor except for transport path during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y16200	RC1 GS102 Path error on sensor except for transport path during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y16500	RC1 GS105 Path error on sensor except for transport path during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y16Z00	RC1 All Path error on sensor except for transport path during Collect cash	1. Operate to initialize BRM.(Recovery)
5Y17100	Error occurred by the notes disorder in RC1 GS101 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y17200	Error occurred by the notes disorder in RC1 GS102 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y17500	Error occurred by the notes disorder in RC1 GS105 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y17Z00	Error occurred by the notes disorder in RC1 All during Collect cash	1. Operate to initialize BRM.(Recovery)
5Y1C100	RC Miss-Pickup during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check the upper and the notes.
5Y1C200	Exceeded number of retries for RC1 separation error during Collet cash.	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check the upper and the notes.
5Y1C400	RC1 Last Note No Front detect during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check the upper and the notes.
5Y1G100	RC1 Failure of returning notes (GS101,GS102 Sensors detect no notes) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Y1G200	RC1 Failure to move PP to stack position during Collect cash	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(A) . 4. Open the recycle cassette door(A).5. Check cassette status to move stage up and down.
5Y1G400	RC1 Failure to upward moving of PP during RC1 stack roller retreat movement during Collect cash	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(A) . 4. Open the recycle cassette door(A).5. Check cassette status to move stage up and down.
5Y1G500	RC1 Failure to stack roller retreat (GS113 Sensor no change) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y1G600	RC1 Stack Roller retreat position disorder during RC Separation during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y1G700	RC1 Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS107) no change) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y1G800	RC1 Failure to move PP to press position (GS108 Sensor Dark Fail) during Collect cash	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(A).4. Check the stage status after open the recycle cassette(A).5. Check the upper side of the recycle cassette
5Y1GA00	RC1 Solenoid Echo error during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A) and reload4. Replace the cassette when same error occurs
5Y1GB00	RC1 Feed Roller homeposition Sensor(GS107) Light detect fail during RC Stack during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y1GC00	RC1 Feed Roller homeposition Sensor(GS107) Dark detect fail during RC Stack during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y1GD00	RC1 GS101,GS102 Detect notes during move RC Feed Roller to homeposition during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y1GE00	RC1 GS108 detect dark before move RC Feed Roller to homeposition during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note.
5Y1GF00	RC1 Notes Setting error during initialize (GS114, Bottom Sensor(GS112) both dark) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note.

Problem Code	Problem Description	Troubleshooting
5Y1GG00	RC1 Stack Roller Sensor(GS113) detect light during RC FM Stack during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y1GH00	RC1 Stack Roller Sensor(GS113) detect dark during RC FM Stack during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y1GJ00	RC1 Stack Roller retreat fail (Motor Overrun) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y1GK00	RC1 Stack Roller retreat fail (Motor speed error) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y1GL00	RC1 Feed Roller homeposition fail (Motor speed error) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y1GQ00	RJC Press and Stack position fail during Collect cash	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
5Y1GR00	RJC Stack position fail during Collect cash	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
5Y1GS00	RC1 RJC Press position fail during Collect cash	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
5Y1GT00	RC1 GS151 fail to detect dark when PP moves down during RJC PP Stack during Collect cash	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
5Y1GU00	RC1 GS151 fail to detect light when PP moves down during RJC PP Stack during Collect cash	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
5Y1GV00	RC1 GS152 fail to detect dark when PP moves down during RJC PP Stack during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
5Y1GW00	RC1 GS151 fail to detect light when PP moves down during RJC initialize during Collect cash	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.

Problem Code	Problem Description	Troubleshooting
5Y1GX00	RC1 GS101 detects notes during RJC intialize during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y1J100	RJC Full during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
5Y1J200	RC1 No Residue during Collect cash	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(A).4. Check the notes remain after open the recycle cassette door(A)5. Fill up the Notes if there are no notes
5Y1J300	Full,Bottom no detect before move RC1 PP to stack position during Collect cash	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(A).4. Check the stage status after open the recycle cassette(A).5. Check contamination of GS11/GS12 sensor.
5Y1K100	RC1 separation request notes is 0 during Collect cash	1. Operate to initialize BRM.(Recovery)
5Y1NL00	RC1 Requested notes is more than Residue notes,separation stop during Collect cash	1. Check RC1 actual count and SPL screen count.2. Setting RC1 count match actual count.3. Operate to initialize BRM(Recovery)
5Y1R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y1R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y1R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y1R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y1RF00	RC1 Feed Motor response timeout during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y1RP00	RC1 PP response timeout during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y1S200	RC1 Receive undefined command during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y1S300	RC1 Task not for sepratation receive separation command during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y1SA00	RC1 Sub Task receive undefined command during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5Y1SR00	RC1 Sub Task for Wait Setting Error during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y1SZ00	No enable RC to separate during Withdrawal, Collect Cash, Withdrawal for adjustment (The number of requested notes is 1 or RC out of work)	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y20100	RC2 GS201 Light Jam during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y20200	RC2 GS202 Light Jam during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y20500	RC2 GS205 Light Jam during Collect cash	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(B)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5Y20Z00	RC2 All Light Jam during Collect cash	1. Operate to initialize BRM.(Recovery)
5Y21100	RC2 GS201 Dark Jam during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y21200	RC2 GS202 Dark Jam during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y21500	RC2 GS205 Dark Jam during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y21Z00	RC2 All Dark Jam during Collect cash	1. Operate to initialize BRM.(Recovery)
5Y22100	Error occurred by notes remained in RC2 GS201 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y22200	Error occurred by notes remained in RC2 GS202 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y22500	Error occurred by notes remained in RC2 GS205 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Y22Z00	Error occurred by notes remained in RC2 All Sensor during Collect cash	1. Operate to initialize BRM.(Recovery)
5Y23100	Sensor auto calibration error in RC2 GS201 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y23200	Sensor auto calibration error in RC2 GS202 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y23500	Sensor auto calibration error in RC2 GS205 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y23Z00	Sensor auto calibration error in RC2 All Sensor during Collect cash	1. Operate to initialize BRM.(Recovery)
5Y24100	Extern lights check error in RC2 GS201 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y24200	Extern lights check error in RC2 GS202 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y24500	Extern lights check error in RC2 GS205 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y24Z00	Extern lights check error in RC2 All Sensor during Collect cash	1. Operate to initialize BRM.(Recovery)
5Y25100	Path error on transport path in RC2 GS201 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y25200	Path error on transport path in RC2 GS202 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y25500	Path error on transport path in RC2 GS205 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Y25Z00	Path error on transport path in RC2 All Sensor during Collect cash	1. Operate to initialize BRM.(Recovery)
5Y26100	Path error on sensor except for transport path in RC2 GS201 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y26200	Path error on sensor except for transport path in RC2 GS202 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y26500	Path error on sensor except for transport path in RC2 GS205 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y26Z00	Path error on sensor except for transport path in RC2 All during Collect cash	1. Operate to initialize BRM.(Recovery)
5Y27100	Error occurred by the notes disorder in RC2 GS201 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y27200	Error occurred by the notes disorder in RC2 GS202 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y27500	Error occurred by the notes disorder in RC2 GS205 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y27Z00	Error occurred by the notes disorder in RC2 All during Collect cash	1. Operate to initialize BRM.(Recovery)
5Y2C100	RC2 Miss-Pickup during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check the upper and the notes.
5Y2C200	Exceeded number of retries for RC2 separation error during Collet cash.	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check the upper and the notes.
5Y2C400	RC2 Last Note No Front detect during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check the upper and the notes.

Problem Code	Problem Description	Troubleshooting
5Y2G100	RC2 Failure of returning notes (GS201,GS202 Sensors detect no notes) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y2G200	RC2 Failure to move PP to stack position during Collect cash	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(B) . 4. Open the recycle cassette door(B).5. Check cassette status to move stage up and down.
5Y2G400	RC2 Failure to upward moving of PP during RC2 stack roller retreat movement during Collect cash	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(B) . 4. Open the recycle cassette door(B).5. Check cassette status to move stage up and down.
5Y2G500	RC2 Failure to stack roller retreat (GS213 Sensor no change) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y2G600	RC2 Stack Roller retreat position disorder during RC Separation during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y2G700	RC2 Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS207) no change) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y2G800	RC2 Failure to move PP to press position (GS208 Sensor Dark Fail) during Collect cash	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(B).4. Check the stage status after open the recycle cassette(B).5. Check the upper side of the recycle cassette
5Y2GA00	RC2 Solenoid Echo error during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (B) after removing recycle cassette4. Replace the cassette when same error occurs
5Y2GB00	RC2 Feed Roller homeposition Sensor(GS207) Light detect fail during RC Stack during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y2GC00	RC2 Feed Roller homeposition Sensor(GS207) Dark detect fail during RC Stack during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y2GD00	RC2 GS201,GS202 Detect notes during move RC Feed Roller to homeposition during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y2GE00	RC2 GS208 detect dark before move RC Feed Roller to homeposition during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note.

Problem Code	Problem Description	Troubleshooting
5Y2GF00	RC2 Notes Setting error during initialize (GS214, Bottom Sensor(GS212) both dark) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove note.
5Y2GG00	RC2 Stack Roller Sensor(GS213) detect light during RC FM Stack during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y2GH00	RC2 Stack Roller Sensor(GS213) detect dark during RC FM Stack during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y2GJ00	RC2 Stack Roller retreat fail (Motor Overrun) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y2GK00	RC2 Stack Roller retreat fail (Motor speed error) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y2GL00	RC2 Feed Roller homeposition fail (Motor speed error) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(B).4. Put down the Stage after open the cassette(B) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y2J200	RC2 No Residue during Collect cash	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(B).4. Check the notes remain after open the recycle cassette door(B).5. Fill up the Notes if there are no notes
5Y2J300	RC2 Full,Bottom no detect before move RC PP to stack position during Collect cash	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(B).4. Check the stage status after open the recycle cassette(B).5. Check contamination of GS211/GS212 sensor.
5Y2K100	RC2 separation request notes is 0 during Collect cash	1. Operate to initialize BRM.(Recovery)
5Y2NL00	RC2 Requested notes is more than Residue notes,separation stop during Collect cash	1. Check RC2 actual count and SPL screen count.2. Setting RC2 count match actual count.3. Operate to initialize BRM(Recovery)
5Y2R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y2R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y2R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5Y2R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y2RF00	RC2 Feed Motor response timeout during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y2RP00	RC2 PP response timeout during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y2S200	RC2 Receive undefined command during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y2S300	RC2 Task not for separation receive separation command during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y2SA00	RC2 Sub Task receive undefined command during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y2SR00	RC2 Sub Task for Wait Setting Error during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y2SZ00	No enable RC to separate during Withdrawal, Collect Cash, Withdrawal for adjustment (The number of requested notes is 1 or RC out of work)	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y30100	RC3 GS301 Light Jam during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y30200	RC3 GS302 Light Jam during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y30500	RC3 GS305 Light Jam during Collect cash	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(C)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5Y30Z00	RC3 All Light Jam during Collect cash	1. Operate to initialize BRM.(Recovery)
5Y31100	RC3 GS301 Dark Jam during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y31200	RC3 GS302 Dark Jam during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Y31500	RC3 GS305 Dark Jam during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y31Z00	RC3 All Dark Jam during Collect cash	1. Operate to initialize BRM.(Recovery)
5Y32100	Error occurred by notes remained in RC3 GS301 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y32200	Error occurred by notes remained in RC3 GS302 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y32500	Error occurred by notes remained in RC3 GS305 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y32Z00	Error occurred by notes remained in RC3 All during Collect cash	1. Operate to initialize BRM.(Recovery)
5Y33100	Sensor auto calibration error in RC3 GS301 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y33200	Sensor auto calibration error in RC3 GS302 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y33500	Sensor auto calibration error in RC3 GS305 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y33Z00	Sensor auto calibration error in RC3 All during Collect cash	1. Operate to initialize BRM.(Recovery)
5Y34100	Extern lights check error in RC3 GS301 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y34200	Extern lights check error in RC3 GS302 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Y34500	Extern lights check error in RC3 GS305 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y34Z00	Extern lights check error in RC3 All during Collect cash	1. Operate to initialize BRM.(Recovery)
5Y35100	Path error on transport path in RC3 GS301 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y35200	Path error on transport path in RC3 GS302 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y35500	Path error on transport path in RC3 GS305 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y35Z00	Path error on transport path in RC3 All during Collect cash	1. Operate to initialize BRM.(Recovery)
5Y36100	Path error on sensor except for transport path in RC3 GS301 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y36200	Path error on sensor except for transport path in RC3 GS302 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y36500	Path error on sensor except for transport path in RC3 GS305 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y36Z00	Path error on sensor except for transport path in RC3 All during Collect cash	1. Operate to initialize BRM.(Recovery)
5Y37100	Error occurred by the notes disorder in RC3 GS301 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y37200	Error occurred by the notes disorder in RC3 GS302 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Y37500	Error occurred by the notes disorder in RC3 GS305 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y37Z00	Error occurred by the notes disorder in RC3 All during Collect cash	1. Operate to initialize BRM.(Recovery)
5Y3C100	RC3 Miss-Pickup during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check the upper and the notes.
5Y3C200	Exceeded number of retries for RC3 separation error during Collet cash.	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check the upper and the notes.
5Y3C400	RC3 Last Note No Front detect during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check the upper and the notes.
5Y3G100	RC3 Failure of returning notes (GS301,GS302 Sensors detect no notes) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y3G200	RC3 Failure to move PP to stack position during Collect cash	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(C) . 4. Open the recycle cassette door(C).5. Check cassette status to move stage up and down.
5Y3G400	RC3 Failure to upword moving of PP during RC3 stack roller retreat movement during Collect cash	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(C) . 4. Open the recycle cassette door(C).5. Check cassette status to move stage up and down.
5Y3G500	RC3 Failure to stack roller retreat (GS313 Sensor no change) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y3G600	RC3 Stack Roller retreat position disorder during RC Separation during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y3G700	RC3 RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS307) no change) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y3G800	RC3 Failure to move PP to press position (GS308 Sensor Dark Fail) during Collect cash	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(C).4. Check the stage status after open the recycle cassette(C).5. Check the upper side of the recycle cassette

Problem Code	Problem Description	Troubleshooting
5Y3GA00	RC3 RC Solenoid Echo error during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (C) after removing recycle cassette4. Replace the cassette when same error occurs
5Y3GB00	RC3 Feed Roller homeposition Sensor(GS307) Light detect fail during RC Stack during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y3GC00	RC3 Feed Roller homeposition Sensor(GS307) Dark detect fail during RC Stack during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y3GD00	RC3 GS301,GS302 Detect notes during move RC Feed Roller to homeposition during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y3GE00	RC3 GS308 detect dark before move RC Feed Roller to homeposition during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note.
5Y3GF00	RC3 Notes Setting error during initialize (GS314, Bottom Sensor(GS312) both dark) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note.
5Y3GG00	RC3 Stack Roller Sensor(GS313) detect light during RC FM Stack during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y3GH00	RC3 Stack Roller Sensor(GS313) detect dark during RC FM Stack during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y3GJ00	RC3 RC Stack Roller retreat fail (Motor Overrun) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y3GK00	RC3 RC Stack Roller retreat fail (Motor speed error) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y3GL00	RC3 RC Feed Roller homeposition fail (Motor speed error) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y3J200	RC3 No Residue during Collect cash	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(C).4. Check the notes remain after open the recycle cassette door(C)5. Fill up the Notes if there are no notes

Problem Code	Problem Description	Troubleshooting
5Y3J300	RC3 Full,Bottom no detect before move RC PP to stack position during Collect cash	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(C).4. Check the stage status after open the recycle cassette(C).5. Check contamination of GS311/GS312 sensor.
5Y3K100	RC3 separation request notes is 0 during Collect cash	1. Operate to initialize BRM.(Recovery)
5Y3L100	Remaining notes stack process error in RC3 GS301 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y3L200	Remaining notes stack process error in RC3 GS302 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y3L500	Remaining notes stack process error in RC3 GS305 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y3NL00	RC3 Requested notes is more than Residue notes,separation stop during Collect cash	1. Check RC3 actual count and SPL screen count.2. Setting RC3 count match actual count.3. Operate to initialize BRM(Recovery)
5Y3R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y3R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y3R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y3R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y3RF00	RC3 Feed Motor response timeout during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y3RP00	RC3 PP response timeout during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y3S200	RC3 Receive undefined command during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y3S300	RC3 RC Task not for separation receive separation command during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5Y3SA00	RC3 RC Sub Task receive undefined command during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y3SR00	RC3 Sub Task for Wait Setting Error during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y3SZ00	No enable RC to separate during Withdrawal, Collect Cash, Withdrawal for adjustment (The number of requested notes is 1 or RC out of work)	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y40100	RC4 GS401 Light Jam during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y40200	RC4 GS402 Light Jam during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y40500	RC4 GS405 Light Jam during Collect cash	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(D)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5Y40Z00	RC4 All Sensor Light Jam during Collect cash	1. Operate to initialize BRM.(Recovery)
5Y41100	RC4 GS401 Dark Jam during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y41200	RC4 GS402 Dark Jam during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y41500	RC4 GS405 Dark Jam during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y41Z00	RC4 All Sensor Dark Jam during Collect cash	1. Operate to initialize BRM.(Recovery)
5Y42100	Error occurred by notes remained in RC4 GS401 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y42200	Error occurred by notes remained in RC4 GS402 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Y42500	Error occurred by notes remained in RC4 GS405 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y42Z00	Error occurred by notes remained in RC4 All during Collect cash	1. Operate to initialize BRM.(Recovery)
5Y43100	Sensor auto calibration error in RC4 GS401 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y43200	Sensor auto calibration error in RC4 GS402 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y43500	Sensor auto calibration error in RC4 GS405 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y43Z00	Sensor auto calibration error in RC4 All during Collect cash	1. Operate to initialize BRM.(Recovery)
5Y44100	Extern lights check error in RC4 GS401 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y44200	Extern lights check error in RC4 GS402 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y44500	Extern lights check error in RC4 GS405 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y44Z00	Extern lights check error in RC4 All during Collect cash	1. Operate to initialize BRM.(Recovery)
5Y45100	Path error on transport path in RC4 GS401 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y45200	Path error on transport path in RC4 GS402 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Y45500	Path error on transport path in RC4 GS405 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y45Z00	Path error on transport path in RC4 All during Collect cash	1. Operate to initialize BRM.(Recovery)
5Y46100	Path error on sensor except for transport path in RC4 GS401 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y46200	Path error on sensor except for transport path in RC4 GS402 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y46500	Path error on sensor except for transport path in RC4 GS405 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y46Z00	Path error on sensor except for transport path in RC4 All during Collect cash	1. Operate to initialize BRM.(Recovery)
5Y47100	Error occurred by the notes disorder in RC4 GS401 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y47200	Error occurred by the notes disorder in RC4 GS402 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y47500	Error occurred by the notes disorder in RC4 GS405 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y47Z00	Error occurred by the notes disorder in RC4 All during Collect cash	1. Operate to initialize BRM.(Recovery)
5Y4C100	RC4 Miss-Pickup during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check the upper and the notes.
5Y4C200	Exceeded number of retries for RC4 separation error during Collet cash.	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check the upper and the notes.

Problem Code	Problem Description	Troubleshooting
5Y4C400	RC4 Last Note No Front detect during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check the upper and the notes.
5Y4G100	RC4 Failure of returning notes (GS401,GS402 Sensors detect no notes) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y4G200	RC4 Failure to move PP to stack position during Collect cash	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(D). 4. Open the recycle cassette door(D).5. Check cassette status to move stage up and down.
5Y4G400	RC4 Failure to upword moving of PP during RC4 stack roller retreat movement during Collect cash	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(D). 4. Open the recycle cassette door(D).5. Check cassette status to move stage up and down.
5Y4G500	RC4 Failure to stack roller retreat (GS413 Sensor no change) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y4G600	RC4 Stack Roller retreat position disorder during RC Separation during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y4G700	RC4 RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS407) no change) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y4G800	RC4 Failure to move PP to press position (GS408 Sensor Dark Fail) during Collect cash	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(D).4. Check the stage status after open the recycle cassette(D).5. Check the upper side of the recycle cassette
5Y4GA00	RC4 RC Solenoid Echo error during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (D) after removing recycle cassette4. Replace the cassette when same error occurs
5Y4GB00	RC4 Feed Roller homeposition Sensor(GS407) Light detect fail during RC Stack during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y4GC00	RC4 Feed Roller homeposition Sensor(GS407) Dark detect fail during RC Stack during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
5Y4GD00	RC4 GS401,GS402 Detect notes during move RC Feed Roller to homeposition during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y4GE00	RC4 GS408 detect dark before move RC Feed Roller to homeposition during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note.
5Y4GF00	RC4 Notes Setting error during initialize (GS414, Bottom Sensor(GS412) both dark) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note.
5Y4GG00	RC4 Stack Roller Sensor(GS413) detect light during RC FM Stack during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y4GH00	RC4 Stack Roller Sensor(GS413) detect dark during RC FM Stack during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y4GJ00	RC4 RC Stack Roller retreat fail (Motor Overrun) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y4GK00	RC4 RC Stack Roller retreat fail (Motor speed error) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y4GL00	RC4 RC Feed Roller homeposition fail (Motor speed error) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y4J200	RC4 No Residue during Collect cash	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(D).4. Check the notes remain after open the recycle cassette door(D)5. Fill up the Notes if there are no notes
5Y4J300	RC4 Full,Bottom no detect before move RC PP to stack position	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(D).4. Check the stage status after open the recycle cassette(D).5. Check contamination of GS411/GS412 sensor.
5Y4K100	RC4 separation request notes is 0 during Collect cash	1. Operate to initialize BRM.(Recovery)
5Y4L100	Remaining notes stack process error in RC4 GS401 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Y4L200	Remaining notes stack process error in RC4 GS402 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y4L500	Remaining notes stack process error in RC4 GS405 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y4NL00	RC4 Requested notes is more than Residue notes,separation stop during Collect cash	1. Check RC4 actual count and SPL screen count.2. Setting RC4 count match actual count.3. Operate to initialize BRM(Recovery)
5Y4R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y4R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y4R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y4R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y4RF00	RC4 Feed Motor response timeout during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y4RP00	RC4 PP response timeout during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y4S200	RC4 Receive undefined command during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y4S300	RC4 RC Task not for separation receive separation command during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y4SA00	RC4 RC Sub Task receive undefined command during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y4SR00	RC4 Sub Task for Wait Setting Error during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y4SZ00	No enable RC to separate during Withdrawal, Collect Cash, Withdrawal for adjustment (The number of requested notes is 1 or RC out of work)	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5Y50100	RC5 GS501 Light Jam during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y50200	RC5 GS502 Light Jam during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y50500	RC5 GS505 Light Jam during Collect cash	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(E)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5Y50Z00	RC5 All Light Jam during Collect cash	1. Operate to initialize BRM.(Recovery)
5Y51100	RC5 GS501 Dark Jam during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y51200	RC5 GS502 Dark Jam during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y51500	RC5 GS505 Dark Jam during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y51Z00	RC5 All Dark Jam during Collect cash	1. Operate to initialize BRM.(Recovery)
5Y52100	Error occurred by notes remained in RC5 GS501 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y52200	Error occurred by notes remained in RC5 GS502 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y52500	Error occurred by notes remained in RC5 GS505 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y52Z00	Error occurred by notes remained in RC5 All during Collect cash	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5Y53100	Sensor auto calibration error in RC5 GS501 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y53200	Sensor auto calibration error in RC5 GS502 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y53500	Sensor auto calibration error in RC5 GS505 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y53Z00	Sensor auto calibration error in RC5 All during Collect cash	1. Operate to initialize BRM.(Recovery)
5Y54100	Extern lights check error in RC5 GS501 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y54200	Extern lights check error in RC5 GS502 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y54500	Extern lights check error in RC5 GS505 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y54Z00	Extern lights check error in RC5 All during Collect cash	1. Operate to initialize BRM.(Recovery)
5Y55100	Path error on transport path in RC5 GS501 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y55200	Path error on transport path in RC5 GS502 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y55500	Path error on transport path in RC5 GS505 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y55Z00	Path error on transport path in RC5 All during Collect cash	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5Y56100	Path error on sensor except for transport path in RC5 GS501 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y56200	Path error on sensor except for transport path in RC5 GS502 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y56500	Path error on sensor except for transport path in RC5 GS505 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y56Z00	Path error on sensor except for transport path in RC5 All during Collect cash	1. Operate to initialize BRM.(Recovery)
5Y57100	Error occurred by the notes disorder in RC5 GS501 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y57200	Error occurred by the notes disorder in RC5 GS502 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y57500	Error occurred by the notes disorder in RC5 GS505 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y57Z00	Error occurred by the notes disorder in RC5 All during Collect cash	1. Operate to initialize BRM.(Recovery)
5Y5C100	RC5 Miss-Pickup during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check the upper and the notes.
5Y5C200	Exceeded number of retries for RC5 separation error during Collet cash.	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check the upper and the notes.
5Y5C400	RC5 Last Note No Front detect during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check the upper and the notes.
5Y5G100	RC5 Failure of returning notes (GS501,GS502 Sensors detect no notes) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Y5G200	RC5 Failure to move PP to stack position during Collect cash	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(E). 4. Open the recycle cassette door(E).5. Check cassette status to move stage up and down.
5Y5G400	RC5 Failure to upward moving of PP during RC5 stack roller retreat movement during Collect cash	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(E). 4. Open the recycle cassette door(E).5. Check cassette status to move stage up and down.
5Y5G500	RC5 Failure to stack roller retreat (GS513 Sensor no change) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y5G600	RC5 Stack Roller retreat position disorder during RC Separation during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y5G700	RC5 Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS507) no change) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y5G800	RC5 Failure to move PP to press position (GS508 Sensor Dark Fail) during Collect cash	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(E).4. Check the stage status after open the recycle cassette(E).5. Check the upper side of the recycle cassette
5Y5GA00	RC5 Solenoid Echo error during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Reload the recycle cassette (E) after removing recycle cassette4. Replace the cassette when same error occurs
5Y5GB00	RC5 Feed Roller homeposition Sensor(GS507) Light detect fail during RC Stack during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y5GC00	RC5 Feed Roller homeposition Sensor(GS507) Dark detect fail during RC Stack during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y5GD00	RC5 GS501,GS502 Detect notes during move RC Feed Roller to homeposition during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y5GE00	RC5 GS508 detect dark before move RC Feed Roller to homeposition during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note.
5Y5GF00	RC5 Notes Setting error during initialize (GS514, Bottom Sensor(GS512) both dark) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note.

Problem Code	Problem Description	Troubleshooting
5Y5GG00	RC5 Stack Roller Sensor(GS513) detect light during RC FM Stack during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y5GH00	RC5 Stack Roller Sensor(GS513) detect dark during RC FM Stack during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y5GJ00	RC5 Stack Roller retreat fail (Motor Overrun) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y5GK00	RC5 Stack Roller retreat fail (Motor speed error) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y5GL00	RC5 Feed Roller homeposition fail (Motor speed error) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5Y5J200	RC5 No Residue during Collect cash	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(E).4. Check the notes remain after open the recycle cassette door(E)5. Fill up the Notes if there are no notes
5Y5J300	RC5 Full,Bottom no detect before move RC PP to stack position during Collect cash	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(E).4. Check the stage status after open the recycle cassette(E).5. Check contamination of GS511/GS512 sensor.
5Y5K100	RC5 separation request notes is 0 during Collect cash	1. Operate to initialize BRM.(Recovery)
5Y5L100	Remaining notes stack process error in RC5 GS501 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y5L200	Remaining notes stack process error in RC5 GS502 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y5L500	Remaining notes stack process error in RC5 GS505 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Y5NL00	RC5 Requested notes is more than Residue notes,separation stop during Collect cash	1. Check RC5 actual count and SPL screen count.2. Setting RC5 count match actual count.3. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5Y5R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y5R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y5R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y5R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y5RF00	RC5 Feed Motor response timeout during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y5RP00	RC5 PP response timeout during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y5S200	RC5 Receive undefined command during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y5S300	RC5 Task not for separation receive separation command during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y5SA00	RC5 Sub Task receive undefined command during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y5SR00	RC5 Sub Task for Wait Setting Error during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y5SZ00	No enable RC to separate during Withdrawal, Collect Cash, Withdrawal for adjustment (The number of requested notes is 1 or RC out of work)	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y61H00	GS618/619 Dark Jam error during Collect cash.	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5).3. Open the BC(3) and TOP Transport(4).4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5Y62100	CSM Residue Error during Collect cash	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5Y62300	CSM insert notes excess Error during Collect cash	1. Operate to initialize BRM(Recovery)2. Check inserting notes into the CSM are over 300 counts at one time3. If BRM does not recovery open the outer/inner Shutter of CSM3.Remove notes and substance in the CSM(1)
5Y62500	CSM notes disappear Error during Collect cash	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Y62600	CSM notes appear Error during Collect cash	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5Y62Z00	CSM Residue Error during during Collect Cash	1. Open the upper unit. 2. Open the outer/inner Shutter of customer service module (CSM)3.Remove notes and substance in the CSM(1) 4. Check whether the sensor is contaminated or not if there are No notes or substance
5Y6G100	Fail to move CSM BP to Stack Position during Collect cash	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
5Y6G200	Fail to move CSM BP to Deposit Position during Collect cash	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
5Y6G300	Fail to move CSM BP to Separation Position during Collect cash	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
5Y6G500	Fail to move CSM BP to Note-Out Position during Collect cash	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
5Y6G600	Fail to move CSM P-Roller to Home position during Collect cash	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
5Y6G800	Fail to CSM return notes during Collect cash	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
5Y6G900	CSM GM601 Step out during Collect cash	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
5Y6GA00	Fail to move CSM BP to return note Position during Collect cash	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move front and rotates the BP Knob if it is move smoothly
5Y6GB00	Fail to move CSM FP to Deposit Position during Collect cash	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Press and release FP check the FP rotate smoothly5. Check GS652 status(Dark & Light)
5Y6GF00	Fail to move CSM G-Roller to Homeposition during Collect cash	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status
5Y6GG00	Fail to move both CSM P/G-Roller to Homeposition during Collect cash	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the F-Roller Knob check if it rotate smoothly5. Check the GS657 sensor status

Problem Code	Problem Description	Troubleshooting
5Y6M200	CSM Inner Shutter Open Error during Collect cash	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
5Y6M300	CSM Inner Shutter Close Error during Collect cash	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
5Y6M400	CSM Outer Shutter Open Error during Collect cash	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
5Y6M500	CSM Outer Shutter Close Error during Collect cash	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
5Y6M600	CSM Outer Shutter is Opened during Collect cash	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate outer shutter knob open and close direction, check shutter move smoothly3. Check GS670/GS671 sensor status if it changed dark and light
5Y6M700	CSM Inner Shutter Open during Stack during Collect cash	1. Open the upper unit2. Press outer shutter lock lever and open the outer Shutters3. Rotate inner shutter knob open and close direction, check shutter move smoothly3. Check GS658/GS659 sensor status if it changed dark and light
5Y6M800	CSM Stopper Home position Fail during Collect cash	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move PP Front5. Move Bill Stopper forward/backward and check GS668 sensor status6. Initialize
5Y6M900	CSM Stopper Stack position Fail during Collect cash	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Rotate the PP Knob to move PP Front5. Move Bill Stopper forward/backward and check GS668 sensor status6. Initialize
5Y6MB00	CSM Bill Supporter Up position Fail during Collect cash	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Check the failure and breakage of Bill Lifter/Support5. Initialize
5Y6MC00	CSM Bill Supporter Down position Fail during Collect cash	1. Open the upper unit. 2. Open the outer/inner Shutter of CSM(1)3.Check the notes and substance inside of the CSM4. Check the failure and breakage of Bill Lifter/Support5. Initialize
5Y6P100	CSM PP Withdrawal(Stack) position Fail during Collect cash	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize

Problem Code	Problem Description	Troubleshooting
5Y6P200	CSM PP Deposit position Fail during Collect cash	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5Y6P300	CSM PP Separation position Fail during Collect cash	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5Y6P400	CSM PP collect lost notes position Fail during Collect cash	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5Y6P500	CSM PP Note-out position Fail during Collect cash	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5Y6P600	CSM PP Note-arrange position Fail during Collect cash	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5Y6P800	CSM PP Control Stack Fail during Collect cash	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5Y6P900	CSM PP Return note position Fail during Collect cash	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5Y6PD00	CSM PP Check semi-note Fail during Collect cash	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize
5Y6PE00	CSM PP Bill SuCSM PPorter Up position Fail during Collect cash	1. Open the upper unit. 2. Open the outer/inner shutter3. Check the notes and substance inside of the CSM and remove notes4. Rotate PP Knob and Move PP forward/backward, check the PP moving smoothly5. Check GS650/GS660 sensor status when PP is moving6. Initialize

Problem Code	Problem Description	Troubleshooting
5Y6R100	CSM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y6R200	CSM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y6R300	CSM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y6R600	CSM response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y6RB00	CSM BP response timeout during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y6RF00	CSM Feed Motor response timeout during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y6RL00	CSM Lift response timeout during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y6RP00	CSM PP response timeout during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y6RR00	CSM Bill supporter response timeout during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y6RS00	CSM Inner Shutter response timeout during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y6RT00	CSM Stopper response timeout during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y6SA00	CSM Receive undefined command during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y6SR00	CSM Sub Task for Wait Setting Error during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y70100	TSK GS701 Light Jam during Collect cash	1. Open the upper unit2. Open the TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) Transport PATH(4)
5Y70200	TSK GS702 Light Jam during Collect cash	1. Open the upper unit2. Open the TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) Transport PATH(4)
5Y70300	TSK GS703,4 Light Jam during Collect cash	1. Open the upper unit2. Open the TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) Transport PATH(4)

Problem Code	Problem Description	Troubleshooting
5Y70Z00	TSK All Light Jam during Collect cash	1. Open the upper unit2. Open the TSK(Temporary StackKer) (5)3. Remove notes and substance TSK(5) Transport PATH(4)
5Y71100	TSK GS701 Dark Jam during Collect cash	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Y71200	TSK GS702 Dark Jam during Collect cash	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Y71300	TSK GS703,4 Dark Jam during Collect cash	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Y71Z00	TSK All Dark Jam during Collect cash	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Y72100	Error occurred by notes remained in TSK GS701 during Collect cash	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Y72200	Error occurred by notes remained in TSK GS702 during Collect cash	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Y72300	Error occurred by notes remained in TSK GS703,4 during Collect cash	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Y72Z00	Error occurred by notes remained in TSK All Sensor during Collect cash	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Y77100	Error occurred by the notes disorder in GS701 during Collect cash	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Y77200	Error occurred by the notes disorder in GS702 during Collect cash	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Y77300	Error occurred by the notes disorder in TSK GS703,4 during Collect cash	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Y77Z00	Error occurred by the notes disorder in TSK All during Collect cash	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)

Problem Code	Problem Description	Troubleshooting
5Y7C200	TSK Last note unclear during separation during Collect cash	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Remove notes and substance TSK(5) 4. Close the upper unit5. Initialize
5Y7CA00	TSK Incounted note is not Outcounted for 500ms during Collect cash	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Y7F200	TSK GM701 stepout during stack during Collect cash	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Rotate the PP knob to back PP 4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5) 6. Rotate the knob of TSK(5) to find obstruction out
5Y7F300	TSK GM701 F-Roller Homeposition fail during Collect cash	1. Open the upper unit2. Open the TM(Test Module)3. Rotate the knob of TSK to check sensor(GS752) change 4. Rotate the knob of TSK(5) to find obstruction out
5Y7G100	GM701 Return notes fail during Collect cash	1. Open the upper unit2. Confirm to Rotate a knob of TSK(5) softly
5Y7J100	TSK Full during Collect cash	1. Open the upper unit2. Open the TSK(5)3. Check the notes remain in the TSK(5)4. Remove notes remain in the TSK
5Y7L100	Remaining notes stack process error in TSK GS701 during Collect cash	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Y7L200	Remaining notes stack process error in TSK GS702 during Collect cash	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Y7L300	Remaining notes stack process error in TSK GS703,4 during Collect cash	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Y7LZ00	Remaining notes stack process error in TSK All during Collect cash	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Y7M100	TSK Stopper Home position for intialize fail during Collect cash	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Check if stopper was obstructed
5Y7M200	TSK Stopper Stack position for intialize fail during Collect cash	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Check if stopper was obstructed
5Y7M300	TSK Stopper Return note position for intialize fail during Collect cash	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Check if stopper was obstructed
5Y7M400	TSK Stopper Lock FP Fail during Collect cash	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Check if FP(Front Plate) was obstructed
5Y7M500	TSK Stopper Unlock FP Fail during Collect cash	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Check if FP(Front Plate) was obstructed
5Y7P100	FP Sensor detect Dark Fail during Collect cash	1. Open the upper unit2. Open the Door of TSK(Temporary StacKer) (5)3. Check if PP(Push Plate) was obstructed to rotate PP knob4. Check if FP(Front Plate) was obstructed to rotate

Problem Code	Problem Description	Troubleshooting
5Y7P200	FP Sensor detect Light Fail during Collect cash	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if PP(Push Plate) was obstructed to rotate PP knob4. Check if FP(Front Plate) was obstructed to rotate
5Y7P300	PP Press position fail during Collect cash	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Check if PP(Push Plate) was obstructed to rotate PP knob
5Y7Q700	TSK Door Open during operation in Collect cash	1. Close the door of TSK(5)
5Y7R100	TSK response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y7R200	TSK response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y7R300	TSK response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y7R600	TSK response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y7RF00	TSK Feed Motor response timeout in Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y7RP00	TSK PP response timeout in Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y7RT00	TSK Stopper response timeout in Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y7S200	TSK Receive undefined command in Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y7SR00	TSK Sub Task for Wait Setting Error in Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y8HA01	GS801A Sensor Error during Collect cash	1. Check GS801A2. Operate to initialize BRM(Recovery)
5Y8HA02	GS801B Sensor Error during Collect cash	1. Check GS801B2. Operate to initialize BRM(Recovery)
5Y8HA03	GS801A, GS801B Sensor Error during Collect cash	1. Check GS801A, GS801B2. Operate to initialize BRM(Recovery)
5Y8HA04	GS802A Sensor Error during Collect cash	1. Check GS802A2. Operate to initialize BRM(Recovery)
5Y8HA05	GS801A, GS802A Sensor Error during Collect cash	1. Check GS801A, GS802A2. Operate to initialize BRM(Recovery)
5Y8HA06	GS801B, GS802A Sensor Error during Collect cash	1. Check GS801B, GS802A2. Operate to initialize BRM(Recovery)
5Y8HA07	GS801A, GS801B, GS802A Sensor Error during Collect cash	1. Check GS801A, GS801B, GS802A2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5Y8HA08	GS802B Sensor Error during Collect cash	1. Check GS802B2. Operate to initialize BRM(Recovery)
5Y8HA09	GS801A, GS802B Sensor Error during Collect cash	1. Check GS801A, GS802B2. Operate to initialize BRM(Recovery)
5Y8HA10	GS801B, GS802B Sensor Error during Collect cash	1. Check GS801B, GS802B2. Operate to initialize BRM(Recovery)
5Y8HA11	GS801A, GS801B, GS802B Sensor Error during Collect cash	1. Check GS801A, GS801B, GS802B2. Operate to initialize BRM(Recovery)
5Y8HA12	GS802A, GS802B Sensor Error during Collect cash	1. Check GS802A, GS802B2. Operate to initialize BRM(Recovery)
5Y8HA13	GS801A, GS802A, GS802B Sensor Error during Collect cash	1. Check GS801A, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5Y8HA14	GS801B, GS802A, GS802B Sensor Error during Collect cash	1. Check GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5Y8HA15	GS801A, GS801B, GS802A, GS802B Sensor Error during Collect cash	1. Check GS801A, GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5Y8HB01	MR Sensor Level Error during Collect cash	1. Check MR Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5Y8HC02	UV_01 Sensor Level Error during Collect cash	1. Check UV Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5Y8HF03	CIS Shading data loading Fail during Collect cash	1. Operate shading in the BC CIS2. Operate to initialize BRM(Recovery)
5Y8HF04	Detection DB Table loading Fail during Collect cash	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5Y8HF05	BC FPGA Data checksum Fail during Collect cash	1. Check to BC FPGA File2. Operate to initialize BRM(Recovery)
5Y8HF06	BC FPGA Configuration Fail during Collect cash	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5Y8HF07	BC FPGA Header Information Loading Fail during Collect cash	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5Y8HF08	BC FPGA Initialize Fail during Collect cash	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5Y8HF09	BC FPGA VERSION Fail during Collect cash	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5Y8HF11	Detection DB #01 loading Fail during Collect cash	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5Y8HF12	Detection DB #02 loading Fail during Collect cash	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5Y8HF13	Detection DB #03 loading Fail during Collect cash	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5Y8HF14	Detection DB #04 loading Fail during Collect cash	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5Y8HF15	Detection DB #05 loading Fail during Collect cash	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5Y8HF16	Detection DB #06 loading Fail during Collect cash	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5Y8HF17	Detection DB #07 loading Fail during Collect cash	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5Y8HF18	Detection DB #08 loading Fail during Collect cash	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5Y8HF19	Detection DB #09 loading Fail during Collect cash	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5Y8HF20	Detection DB #10 loading Fail during Collect cash	1.Download DB again after deleting all recognition DB2. Operate to initialize BRM(Recovery)
5Y8HG01	Mode Set Error When Receive BC MODE Command (Mode Value is not 1 or 2 ) during Collect cash	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Y8HG02	Detection Level Set Error When Receive BC MODE Command (Detection Level Value is 0 ) during Collect cash	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Y8HG03	BC Transaction Ready Fail When Receive BC READY Command during Collect cash	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5Y8HG04	Mode Set Error When Receive BC READY Command (Mode Value is not 1 or 2 ) during Collect cash	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Y8HG05	Detection Level Set Error When Receive BC READY Command (Detection Level Value is 0 ) during Collect cash	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Y8HG06	BC Entry Direction Set Error When Receive BC READY Command (Not Deposit-Withdrawal/Stack Direction ) during Collect cash	1. Check BC putting direction.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Y8HG07	Receive BC Unknown Command during Collect cash	1. Check BC reception full command.1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization.
5Y8HG08	The Number of Nations Set Error When Receive BC DATA WRITE Command (Over 0, 10) during Collect cash	1. Check the number of supported country.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Y8HG09	Nation Code Set Error When Receive BC DATA WRITE Command during Collect cash	1. Check the supported country code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Y8HG10	Detection DB of the Nation is not exist When Receive BC DATA WRITE Command during Collect cash	1. Check the BC recognition DB of country.2. Download DB again after deleting all recognition DB3. Operate to initialize BRM(Recovery)4. Reboot the system when same error occurred after initialization.
5Y8HG11	No Nation Code When Receive BC READY Command during Collect cash	1. Check the country setting value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5Y8HG12	BC Version Value Set Error When Receive BC DATA WRITE Command (Not BC FPGA) during Collect cash	1. Check the BC specifications devision and BC FPGA specifications.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization
5Y8HG20	Fail to Initialize CIS When Receive BC READY Command during Collect cash	1. Operate to initialize BRM(Recovery)2. Check CIS part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5Y8HG21	Fail to ENCODER POWER ON When Receive BC READY Command during Collect cash	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5Y8HG22	Fail to adjust DD Sensor DAC When Receive BC READY Command during Collect cash	1. Operate to initialize BRM(Recovery)2. Check whether the sensor is contaminated or not if same error occurs after Initialize3. Reboot the system when same error occurs even though there is no substance.
5Y8HG23	DD Sensor DAC Set Error When Receive BC READY Command during Collect cash	1. Operate to initialize BRM(Recovery)2. Check DD sensor part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5Y8HG24	ENCODER Mode Set Error When Receive BC READY Command during Collect cash	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance
5Y8HG30	Counterfeit Note List CRC Error When Receive BC SERIAL NO Command during Collect cash	1. Check the forged notes list CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Y8HG31	Not Receive The Number of Counterfeit Note Lists and CRC When Receive BC SERIAL NO Command during Collect cash	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Y8HG32	Over The Number of Counterfeit Note Lists When Receive BC SERIAL NO Command (Over 200) during Collect cash	1. Check the whole number of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Y8HG33	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Nation Code 0) during Collect cash	1. Check the country code of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Y8HG34	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Length Over 2~29) during Collect cash	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Y8HG36	Note Number Detection Mode Set Error When Receive BC MODE Command (Mode Value is Not 0, 1, 2) during Collect cash	1. Check to the recognized mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Y8HG37	Transaction Classification Set Error When Receive BC MODE Command (Classification Value is Not 0, 1, 2) during Collect cash	1. Check to the transaction setting.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Y8HG38	Counterfeit Note List Search Classification Set Error When Receive BC SERIAL NO Command 위조지폐 목록 검색 구분 설정 오류 (Classification Value is Not 1, 2, 3 ) during Collect cash	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5Y8HG39	Counterfeit Note List Note Number Set Error When Receive BC SERIAL NO Command (Use '*' When Search Note Number Part) during Collect cash	1. Check the forged notes list's note numbers.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Y8HG3A	BC MODE SET Bill Management Level Set Error (Over 1~5) during Collect cash	1. Check check management mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Y8HG3B	Over The Number of BC MODE SET Back Codes (Over 15) during Collect cash	1. Check the number of check issued by our bank code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Y8HG40	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use End Number at First When Search Note Number Part) during Collect cash	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Y8HG41	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use Start Number at Last When Search Note Number Part) during Collect cash	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Y8HG42	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Wrong Start/End Number Order When Search Note Number Part) during Collect cash	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Y8HG43	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Use Wrong Length Value When Search Note Number Part) during Collect cash	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Y8HG44	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Use Wrong Nation Code When Search Note Number Part) during Collect cash	1. Check the forged notes list's country-code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Y8HG45	Not Receive The Number of Bill Number Tables and CRC When Receive Check No Write Command during Collect cash	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Y8HG46	Bill Number Error When Receive Check No Write Command during Collect cash	1. Check the check number when registering check number.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Y8HG47	Bill Number Table Length Set Error When Receive Check No Write Command (Length Over 0~50) during Collect cash	1. Check check number table's length.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Y8HG48	Bill Number Table CRC Error When Receive Check No Write Command during Collect cash	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Y8HG49	Over The Number of Bill Number Tables When Receive Check No Write Command (Over 5) during Collect cash	1. Check check total number of tables.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Y8HH01	Fail to Delete NAND FLASH during Collect cash	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5Y8HH02	NAND FLASH Delete BLOCK Set Error When Download Detection DB during Collect cash	1. Download DB again after checking recognition DB's delete index.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5Y8HH03	Fail to Download Detection DB during Collect cash	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5Y8HH04	NAND FLASH Download BLOCK Set Error When Download Detection DB during Collect cash	1. Download DB again after checking recognition DB's index.2. Operate to initialize BRM(Recovery)
5Y8HH05	Detection DB Download File Check Error during Collect cash	1. Download DB again after checking recognition DB file.2. Operate to initialize BRM(Recovery)
5Y8HH06	Detection DB Download File Size Error during Collect cash	1. Download DB again after checking recognition DB download file.2. Operate to initialize BRM(Recovery)
5Y8HH07	DB Table Save Error After Download Detection DB during Collect cash	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5Y8HH08	Over Detection DB Download (Over 10) during Collect cash	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5Y8HH09	Detection DB Header Information Error during Collect cash	1. Download DB again after deleting recognition DB.2. Operate to initialize BRM(Recovery)
5Y8HH10	EP Download Fail during Collect cash	1. Re-download BC EP.2. Change the BC B/D if continuous error.
5Y8HH11	EP Download Check Error during Collect cash	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5Y8HH12	EP Download File Size Error during Collect cash	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5Y8HH13	EP Download File ID Error (Not EPAP/EPBT/EPFP) during Collect cash	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5Y8HH14	BC FPGA Download Fail during Collect cash	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
5Y8HH15	Header Information Save Error After BC FPGA Download during Collect cash	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
5Y8HH16	Not Provide BC FPGA Download during Collect cash	1. Check BC FPGA VERSION.2. Change the BC B/D if continuous error.
5Y8HH17	EEPROM READ/WRITE Error during Collect cash	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
5Y8HH18	Receive Unit Serial Number Undefined Option during Collect cash	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
5Y8HH19	Receive USB Undefined Command during Collect cash	1. Check USB Command from BC and retry the operation.2. Check BC version and Update EP3. Change the BC B/D if continuous error.
5Y8HH20	No BC Process Note When Receive Image Upload Command during Collect cash	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5Y8HH21	FC1 Set Error When Receive Image Upload Command during Collect cash	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.

Problem Code	Problem Description	Troubleshooting
5Y8HH22	BC is Processing Note When Receive Image Upload Command during Collect cash	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Y8HH23	FC2 Set Error When Receive Image Upload Command during Collect cash	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Y8HH24	Not Provide Total Image Upload Function during Collect cash	1. Check if SP or TM is out of date.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5Y8HH25	Not Provide Note Number Detection Image Upload Function during Collect cash	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Y8HH26	FC2 Set Error When Receive Image Information Upload Command during Collect cash	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Y8HH27	BRM Transaction Mode is Not Same with Image Upload Command Mode during Collect cash	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Y8HH28	BRM Transaction Mode is Not Same with Replenishment/Collect Cash Image Upload Command Mode during Collect cash	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Y8HH29	No BC Process Note When Receive Replenishment/Collect Cash Image Upload Command during Collect cash	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Y8HH2A	FC1 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Collect cash	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Y8HH2B	BC is Processing Note When Receive Replenishment/Collect Cash Image Upload Command during Collect cash	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Y8HH2C	FC2 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Collect cash	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Y8HH2D	Not Provide Replenishment/Collect Cash Image Upload Function during Collect cash	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Y8HH2E	Note Image Upload Index is Not Same When Receive Replenishment/Collect Cash Image Upload Command during Collect cash	1. Get BC log and image.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Y8HI01	RecogTask Messeage Timeout Error during Collect cash	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5Y8HI02	ScanTask Messeage Timeout Error during Collect cash	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5Y8HI03	UartTask Messeage Timeout Error during Collect cash	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5Y8HI04	BcUsbTask Messeage Timeout Error during Collect cash	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5Y8HJ01	Algorithm Initialize Fail during Collect cash	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Y8HJ02	Algorithm Ready Fail during Collect cash	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Y8HJ03	Algorithm Information Set Error during Collect cash	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Y8HK01	Table CRC Error When Set Poly-Note Withdrawal Information during Collect cash	1. Retry the operation
5Y8HK02	CST Note Information Set Number Error When Set Poly-Note Withdrawal Information (n is 0 or over 256) during Collect cash	1. Check the number of CST Setting notes info
5Y8HK03	Withdrawal Note Number Set Error When Set Poly-Note Withdrawal Information ( n is 0 or over 3000) during Collect cash	1. Check Withdrawal notes setting
5Y8HK04	Note Information (Not CST Set Note) is Set in Withdrawal Note Information When Set Poly-Note Withdrawal Information during Collect cash	1. Check Withdrawal notes info
5Y8HS01	FPGA Write Data Error When Initialize Scan Driver during Collect cash	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Y8HS02	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver during Collect cash	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Y8HS03	Fail to Set CIS Led On Value When Initialize Scan Driver during Collect cash	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Y8HS04	Fail to Set Source of Scan Light When Initialize Scan Driver during Collect cash	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Y8HS05	Not Process Shading When Initialize Scan Driver during Collect cash	1. Perform CiS Shading.2. Operate to initialize BRM(Recovery)
5Y8HS08	Fail to Set DAC When Initialize Scan Driver during Collect cash	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Y8HS11	FPGA Write Data Error When BC Ready during Collect cash	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Y8HS12	Fail to Power On When BC Ready Sensor(MR/UV/DD/Encoder/Entry Sensor) during Collect cash	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Y8HS13	Fail to Set CIS Led On Value When BC Ready during Collect cash	1. Retry the operation.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5Y8HS14	Fail to Set Source of Scan Ligh When BC Ready during Collect cash	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Y8HS15	Not Process Shading When BC Ready during Collect cash	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Y8HS17	Fail to Set AFE Chip When BC Ready during Collect cash	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Y8HS18	Fail to Set DAC When BC Ready during Collect cash	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Y8HS19	MR/UV/DD Sampling Start Error When BC Ready during Collect cash	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Y8HS1A	Fail to Set 2-Notes DAC When BC Ready during Collect cash	1. Check whether double notes sensor is contaminate or not.2. Check whether double notes sensor is connected.3. Retry the operation.4. Change the BC if continuous error.
5Y8HS1B	2-Notes to 1-Note Adjust Information Error When BC Ready during Collect cash	1. Perform calibration info about double notes or one note.2. Operate to initialize BRM(Recovery)
5Y8HS22	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver When Stop BC during Collect cash	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Y8HS28	Fail to Set DAC When Stop BC during Collect cash	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Y8HS29	MR/UV/DD Sampling Stop Error When Stop BC during Collect cash	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Y8HS31	BC Ready Fail When Process CIS Shading – Use in Plant during Collect cash	1. Perform calibration info about double notes or one note and double notes DAC2. Retry the operation
5Y8HS32	Dark Adjust Fail When Process CIS Shading – Use in Plant during Collect cash	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Change CIS and Cable5. Change BC
5Y8HS33	Over Target Gap When Process CIS Shading Shading – Use in Plant during Collect cash	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
5Y8HS34	Fail to Write Result Value Flash When Process CIS Shading – Use in Plant during Collect cash	1. Retry the operation2. Change BC
5Y8HS35	BC Stop Fail When Process CIS Shading – Use in Plant during Collect cash	1. Retry the operation2. Change BC
5Y8HS36	Over 10Pixel-Excess-Image When Process CIS Shading during Collect cash	1. Retry the operation2. Check CIS note quility and setting status3. Check CIS Connection Status4. Change BC
5Y8HS37	Dark Shading Result Value is Standard Over When Process CIS Shading during Collect cash	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Retry the operation5. Change BC
5Y8HS38	Max Ontime Ove When Process CIS Shadingr – Use in Plant during Collect cash	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
5Y8HS39	Fail to Set Source of Shading Light When Process CIS Shading – Use in Plant during Collect cash	1. Retry the operation2. Change BC

Problem Code	Problem Description	Troubleshooting
5Y8HS41	Fail to Adjust 2-Notes DAC (Less Than MIN) – Use in Plant during Collect cash	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the operation4. Change BC
5Y8HS42	Fail to Adjust 2-Notes DAC (Over MAX) – Use in Plant during Collect cash	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the operation4. Change BC
5Y8HS43	2-Notes Adjust Flash Write Fail – Use in Plant during Collect cash	1. Retry the operation2. Change BC
5Y8R100	BC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y8R200	BC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y8R300	BC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y8R600	BC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y8S100	BCU response MI error during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y8S200	BCU response BCC error during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y8S300	BCU response Sub MI error during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y8S400	BCU response Parameter error during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Y8S900	BCU response Timeout Error during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YA2100	Error occurred by notes remained in GS801 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5YA2200	Error occurred by notes remained in GS002 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5YA2300	Error occurred by notes remained in GS003 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5YA2400	Error occurred by notes remained in GS004 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5YA2500	Error occurred by notes remained in GS005 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5YA2600	Error occurred by notes remained in GS006 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5YA2700	Error occurred by notes remained in GS014 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5YA2800	Error occurred by notes remained in GS018 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5YA2900	Error occurred by notes remained in GS020 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5YA2A00	Error occurred by notes remained in GS021 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5YA2C00	Error occurred by the notes remained in the BCU(CIS Sensor or DD Sensor) during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5YA2E00	Error occurred by notes remained in GS001 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5YA2H00	Error occurred by notes remained in GS618 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5YA2J00	Error occurred by notes remained in GS619 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5YA2K00	Error occurred by notes remained in GS701,702 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5YA2M00	Error occurred by notes remained in GSA01 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5YA2N00	Error occurred by notes remained in GSA02 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5YA2P00	Error occurred by notes remained in GSA03 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5YA2Q00	Error occurred by notes remained in GSD01 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5YA2W00	Error occurred by notes remained in GS802 during Collect cash	1. Open the upper unit. 2. Open the customer service module (CSM 1-1, 1-2) and TSK(5)3. Open the BC(3) and TOP Transport(4)4. Remove notes and substance in the Transport Path(1,2,3,4,5) 5. Check whether the sensor is contaminated or not if there are No notes or substance
5YAA100	UTC open Error before operation Collect cash	1. Open the upper unit. 2. Check the UTC removal and reinstallation
5YAA200	TSK open Error before operation Collect cash	1. Open the upper unit. 2. Check the TSK open and close
5YAA300	BMU Inter Lock Error before operation Collect cash	1. Check BMU open and close
5YAA400	BMU open Error before operation Collect cash	1. Check BMU open and close
5YAA500	Replenishment CST open Error before operation Collect cash	1. Check the Transit CST installation
5YAA600	CSM open Error before operation Collect cash	1. Open the upper unit. 2. Check CSM Open/Close
5YAA800	BMD Inter Lock Error before operation Collect cash	1. Open the lower unit. 2. Check the BMD open and close
5YAA900	BMD open Error before operation Collect cash	1. Open the lower unit. 2. Check the BMD open and close
5YAAA00	BC Open Error before operation Collect cash	1. Open the upper unit. 2. Check BC Open/Close

Problem Code	Problem Description	Troubleshooting
5YAB00	RC Full Error before operation Collect cash	1. Open the lower unit. 2. Check RC Full and remove notes
5AAC00	RJC Full Error before operation Collect cash	1. Open the upper unit. 2. Check RJC Full and remove notes
5AAD00	UTC Full Error before operation Collect cash	1. Open the upper unit. 2. Remove UTC and open the UTC Door3. Remove notes and reinstallation UTC
5AAE00	RTC Full Error before operation Collect cash	1. Open the lower unit. 2. Remove RT/RJC and open the Door3. Remove notes and reinstall RT/RJC
5AAF00	RC Empty Error before operation Collect cash	1. Open the lower unit. 2. Remove RC and open the RC Door, Check the Empty Status3. Reinstall the RC
5AAG00	Suspected note RC open Error before operation Collect cash	1. Open the lower unit. 2. Check the RC removal and reinstall
5AAJ00	Collect cash is not supported in the setting Test Mode	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5AE100	Received operation command without Initial Info Set during Collect cash	1. Restart over AP-SP2. Do transaction operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5AE200	Status on not operation reception command during Collect cash	1. Restart over AP-SP2. Do transaction operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5AE300	Received operation command without System Info Read during Collect cash	1. Restart over AP-SP2. Do transaction operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5AE400	Transaction was executed without Initializing after power on during Collect cash	1. Restart over AP-SP2. Do transaction operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5AE500	Received operation command on a device that does not support the Transit CST or the rear transit CST during Collect cash.	1. Restart over AP-SP2. Do transaction operation follow by set up read system Info for TM Test-> Initail Info Set -> Initialization
5AEE00	RBU RS485 communication sequence disorder during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5AEF00	RBU RS485 connection line disorder during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5AEL00	RBU communication was not ready after power on during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization
5AH600	Failure to check clearing NVRAM during Collect cash	1. Operate to initialize BRM(Recovery)
5AHF00	Transaction count exists but GS801A sensor no change during Collect cash	1. Check GS801A2. Operate to initialize BRM(Recovery)
5AHG00	Transaction count exists but GS801B sensor no change during Collect cash	1. Check GS801B2. Operate to initialize BRM(Recovery)
5AHH00	Transaction count exists but GS802A sensor no change during Collect cash	1. Check GS802A2. Operate to initialize BRM(Recovery)
5AHJ00	Transaction count exists but GS802B sensor no change during Collect cash	1. Check GS802B2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5YAJ200	Semi error of CST full detection during operation ready in collecting cash	1. Open the lower unit. 2. Check RC Full and remove notes
5YAJ300	Semi error of CST full detection during collecting cash	1. Open the lower unit. 2. Check RC Full and remove notes
5YAJ600	Semi error of RC all empty detection during operation ready in collecting cash	1. Initialize
5YAJ700	Semi error of RC all empty detection during collecting cash	1. Initialize
5YAJB00	Semi error of received stop command during replenishment/collect cash	1. Initialize
5YAJC00	Semi error of no available RJC during replenishment/collect cash	1. Initialize
5YAJD00	Semi error of no available CST during replenishment/collect cash	1. Initialize
5YANA00	CSM stack count is different with BC Normal Pass count during Collect	1. Operate to initialize BRM(Recovery)
5YAR100	Message timeout error during operation ready during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YAR200	Message timeout error during transation operation during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YAR300	Message timeout error during error postprocessing during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YAR800	RBU/BC sensor auto dimming response message timeout error during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YARC00	BC response message timeout error during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YARJ00	Message timeout error during Stop Ready during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YAS700	Comparative error when Collect cash denomination/note count set during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YASB00	Stop command Receive Semi-normal during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YASD00	Set Count in DPC or RJC during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YASE00	USB Timeout occurs due to excessive RC Separation error Retry during Collet cash.	1. Operate to initialize(recover) BRM.2. Reboot the system when the same error occurs after initialization.

Problem Code	Problem Description	Troubleshooting
5YASM00	RC6 is not possible for Collect during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YASP00	RC7 is not possible for Collect during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YASR00	Max withdrawal count excess request error during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YASS00	RC1 is not possible for Collect during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YAST00	RC2 is not possible for Collect during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YASU00	RC3 is not possible for Collect during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YASV00	RC4 is not possible for Collect during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YASW00	RC5 is not possible for Collect during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YASX00	Requested withdrawal count is more than the Residue in the Cassette during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YASY00	Requested count is 0 during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YASZ00	No Separation RC during Collect+Requested count 0 or RC breakdown) during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YBH100	RC1 EEPROM Read Error during Collect cash	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5YBH200	RC2 EEPROM Read Error during Collect cash	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5YBH300	RC3 EEPROM Read Error during Collect cash	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5YBH400	RC4 EEPROM Read Error during Collect cash	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5YBH500	RC5 EEPROM Read Error during Collect cash	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization

Problem Code	Problem Description	Troubleshooting
5YBH600	RC6 EEPROM Read Error during Collect cash	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5YBH700	RC1 EEPROM Write Error during Collect cash	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5YBH800	RC2 EEPROM Write Error during Collect cash	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5YBH900	RC3 EEPROM Write Error during Collect cash	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5YBHA00	RC4 EEPROM Write Error during Collect cash	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5YBHB00	RC5 EEPROM Write Error during Collect cash	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5YBHC00	RC6 EEPROM Write Error during Collect cash	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5YBHD00	RC1 EEPROM Verify Error during Collect cash	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5YBHE00	RC2 EEPROM Verify Error during Collect cash	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5YBFH00	RC3 EEPROM Verify Error during Collect cash	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5YBGH00	RC4 EEPROM Verify Error during Collect cash	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5YBHH00	RC5 EEPROM Verify Error during Collect cash	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5YBHQ00	RC6 EEPROM Verify Error during Collect cash	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5YBHK00	BMD Open Error During EEPROM Read/Write during Collect cash	BMD detachment error during EEPROM Read/Write while receiving deposit.
5YBHU00	BMD EEPROM Read Error during Collect cash	Among EEPROM Read/Write, BMD EEPROM Verify Error
5YBVH00	BMD EEPROM Write Error during Collect cash	Among EEPROM Read/Write, BMD EEPROM Verify Error
5YBHW00	BMD EEPROM Verify Error during Collect cash	Among EEPROM Read/Write, BMD EEPROM Verify Error
5YBHX00	RC7 EEPROM Read Error during Collect cash	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization
5YBHY00	RC7 EEPROM Write Error during Collect cash	1. Check the RC Connector2. Reload the RC after removing RC3. Replace the RC if same error occurs during initialization

Problem Code	Problem Description	Troubleshooting
5YBHZ00	RC7 EEPROM Verify Error during Collect cash	1. Reload the RC after removing RC2. Replace the RC if same error occurs during initialization
5YBR000	RBU Response Timeout during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YBR700	RBU Response Message Timeout during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YBS100	RBU RS-232 Seq Num Echo Error during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YBS200	RBU RS-232 MI Echo Error during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YBSS00	RBU Auto Calibration Command Parameter Error during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YC0100	RC6 GSC01 Light Jam during Collect cash	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YC0200	RC6 GSC02 Light Jam during Collect cash	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YC0500	RC6 GSC05 Light Jam during Collect cash	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(8)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5YC0Z00	RC6 All Light Jam during Collect cash	1. Operate to initialize BRM.(Recovery)
5YC1100	RC6 GSC01 Dark Jam during Collect cash	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YC1200	RC6 GSC02 Dark Jam during Collect cash	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YC1500	RC6 GSC05 Dark Jam during Collect cash	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YC1Z00	RC6 All Dark Jam during Collect cash	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5YC2100	Error occurred by notes remained in RC6 GSC01 during Collect cash	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YC2200	Error occurred by notes remained in RC6 GSC02 during Collect cash	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YC2500	Error occurred by notes remained in RC6 GSC05 during Collect cash	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YC2Z00	Error occurred by notes remained in RC6 All during Collect cash	1. Operate to initialize BRM.(Recovery)
5YC3100	Sensor auto calibration error in RC6 GSC01 during Collect cash	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YC3200	Sensor auto calibration error in RC6 GSC02 during Collect cash	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YC3500	Sensor auto calibration error in RC6 GSC05 during Collect cash	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YC3Z00	Sensor auto calibration error in RC6 All during Collect cash	1. Operate to initialize BRM.(Recovery)
5YC4100	Extern lights check error in RC6 GSC01 during Collect cash	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YC4200	Extern lights check error in RC6 GSC02 during Collect cash	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YC4500	Extern lights check error in RC6 GSC05 during Collect cash	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YC4Z00	Extern lights check error in RC6 All during Collect cash	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5YC5100	Path error on transport path in RC6 GSC01 during Collect cash	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YC5200	Path error on transport path in RC6 GSC02 during Collect cash	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YC5500	Path error on transport path in RC6 GSC05 during Collect cash	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YC5Z00	Path error on transport path in RC6 All during Collect cash	1. Operate to initialize BRM.(Recovery)
5YC6100	Path error on sensor except for transport path in RC6 GSC01 during Collect cash	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YC6200	Path error on sensor except for transport path in RC6 GSC02 during Collect cash	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YC6500	Path error on sensor except for transport path in RC6 GSC05 during Collect cash	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YC6Z00	Path error on sensor except for transport path in RC6 All during Collect cash	1. Operate to initialize BRM.(Recovery)
5YC7100	Error occurred by the notes disorder in RC6 GSC01 during Collect cash	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YC7200	Error occurred by the notes disorder in RC6 GSC02 during Collect cash	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YC7500	Error occurred by the notes disorder in RC6 GSC05 during Collect cash	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YC7Z00	Error occurred by the notes disorder in RC6 All during Collect cash	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5YCC100	RC6 Miss-Pickup during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check the upper and the notes.
5YCC200	Exceeded number of retries for RC6 separation error during Collet cash.	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check the upper and the notes.
5YCC400	RJC Last Note No Front detect during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check the upper and the notes.
5YCG100	RC6 Failure of returning notes (GSC01,GSC02 Sensors detect no notes) during Collect cash	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YCG200	RC6 Failure to move PP to stack position during Collect cash	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(8). 4. Open the recycle cassette door(8).5. Check cassette status to move stage up and down.
5YCG400	RC6 Failure to upword moving of PP during RC6 stack roller retreat movement during Collect cash	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(8). 4. Open the recycle cassette door(8).5. Check cassette status to move stage up and down.
5YCG500	RC6 Failure to stack roller retreat (GSC13 Sensor no change) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5YCG600	RC6 Stack Roller retreat position disorder during RC Separation during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5YCG700	RC6 RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GSC07) no change) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5YCG800	RC6 Failure to move PP to press position (GSC08 Sensor Dark Fail) during Collect cash	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(8).4. Check the stage status after open the recycle cassette(8).5. Check the upper side of the recycle cassette
5YCGA00	RC6 RC Solenoid Echo error during Collect cash	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8) and reload.4. Replace the cassette when same error occurs.
5YCGB00	RC6 Feed Roller homeposition Sensor(GSC07) Light detect fail during RC Stack during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
5YCGC00	RC6 Feed Roller homeposition Sensor(GSC07) Dark detect fail during RC Stack during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5YCGD00	RC6 GSC01,GSC02 Detect notes during move RC Feed Roller to homeposition during Collect cash	1. Open the lower unit.2. Open the mid transport path.3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YCGE00	RC6 GSC08 detect dark before move RC Feed Roller to homeposition during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
5YCFG00	RC6 Notes Setting error during initialize (GSC14, Bottom Sensor(GSC12) both dark) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
5YCGG00	RC6 Stack Roller Sensor(GSC13) detect light during RC FM Stack during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5YCGH00	RC6 Stack Roller Sensor(GSC13) detect dark during RC FM Stack during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5YCGJ00	RC6 RC Stack Roller retreat fail (Motor Overrun) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5YCGK00	RC6 RC Stack Roller retreat fail (Motor speed error) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5YCGL00	RC6 RC Feed Roller homeposition fail (Motor speed error) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5YCGQ00	RJC Press and Stack position fail during Collect cash	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
5YCGR00	RJC Stack position fail during Collect cash	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette
5YCGS00	RC6 RJC Press position fail during Collect cash	1. Open the lower unit2. Open the mid transport path3. Remove the reject cassette(8).4. Check the stage status after open the reject cassette(8).5. Check the upper side of the reject cassette

Problem Code	Problem Description	Troubleshooting
5YCGT00	RC6 GSC51 fail to detect dark when PP moves down during RJC PP Stack during Collect cash	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
5YCGU00	RC6 GSC51 fail to detect light when PP moves down during RJC PP Stack during Collect cash	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
5YCGV00	RC6 GSC52 fail to detect dark when PP moves down during RJC PP Stack during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
5YCGW00	RC6 GSC51 fail to detect light when PP moves down during RJC initialize during Collect cash	1. Open the lower unit.2. Open the mid transport path.3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.
5YCGX00	RC6 GSC01 detects notes during RJC intialize during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YCJ100	RC6 RJC Full during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the reject cassette(8).4. Put down the Stage after open the cassette(8) door.5. Remove note.
5YCJ200	RC6 RC No Residue during Collect cash	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(8).4. Check the notes remain after open the recycle cassette door(8)5. Fill up the Notes if there are no notes
5YCJ300	RC6 Full,Bottom no detect before move RC PP to stack position during Collect cash	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(A).4. Check the stage status after open the recycle cassette(A).5. Check contamination of GS111/GS112 sensor.
5YCK100	RC6 separation request notes is 0 during Collect cash	1. Operate to initialize BRM.(Recovery)
5YCNL00	RC6 Requested notes is more than Residue notes,separation stop during Collect cash	1. Check RC6 actual count and SPL screen count.2. Setting RC6 count match actual count.3. Operate to initialize BRM(Recovery)
5YCR100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YCR200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YCR300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YCR600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5YCRF00	RC6 Feed Motor response timeout during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YCRP00	RC6 PP response timeout during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YCS200	RC6 Receive undefined command during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YCS300	RC6 Task not for separation receive separation command during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YCSA00	RC6 Sub Task receive undefined command during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YCSR00	RC6 Sub Task for Wait Setting Error during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YCSZ00	No enable RC to separate during Withdrawal, Collect Cash, Withdrawal for adjustment (The number of requested notes is 1 or RC out of work)	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YE0100	CST GS901 Light Jam during Collect cash	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5YE0200	CST GS902 Light Jam during Collect cash	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5YE0500	CST GS905 Light Jam during Collect cash	1. Remove note in the transit path.2. Open the transit cassette door after remove the cassette.3. Remove note in the upper side.
5YE0Z00	CST All Light Jam during Collect cash	1. Operate to initialize BRM.(Recovery)
5YE1100	CST GS901 Dark Jam during Collect cash	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5YE1200	CST GS902 Dark Jam during Collect cash	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5YE1500	CST GS905 Dark Jam during Collect cash	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5YE1Z00	CST All Dark Jam during Collect cash	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5YE2100	Error occurred by notes remained in CST GS901 during Collect cash	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5YE2200	Error occurred by notes remained in CST GS902 during Collect cash	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5YE2500	Error occurred by notes remained in CST GS905 during Collect cash	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5YE2Z00	Error occurred by notes remained in CST All during Collect cash	1. Operate to initialize BRM.(Recovery)
5YE3100	Sensor auto calibration error in CST GS901 during Collect cash	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5YE3200	Sensor auto calibration error in CST GS902 during Collect cash	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5YE3500	Sensor auto calibration error in CST GS905 during Collect cash	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5YE3Z00	Sensor auto calibration error in CST All during Collect cash	1. Operate to initialize BRM.(Recovery)
5YE4100	Extern lights check error in CST GS901 during Collect cash	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5YE4200	Extern lights check error in CST GS902 during Collect cash	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5YE4500	Extern lights check error in CST GS905 during Collect cash	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5YE4Z00	Extern lights check error in CST All during Collect cash	1. Operate to initialize BRM.(Recovery)
5YE5100	Path error on transport path in CST GS901 during Collect cash	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5YE5200	Path error on transport path in CST GS902 during Collect cash	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5YE5500	Path error on transport path in CST GS905 during Collect cash	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5YE5Z00	Path error on transport path in CST All during Collect cash	1. Operate to initialize BRM.(Recovery)
5YE6100	Path error on sensor except for transport path in CST GS901 during Collect cash	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5YE6200	Path error on sensor except for transport path in CST GS902 during Collect cash	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5YE6500	Path error on sensor except for transport path in CST GS905 during Collect cash	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5YE6Z00	Path error on sensor except for transport path in CST All during Collect cash	1. Operate to initialize BRM.(Recovery)
5YE7100	Error occurred by the notes disorder in CST GS901 during Collect cash	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5YE7200	Error occurred by the notes disorder in CST GS902 during Collect cash	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5YE7500	Error occurred by the notes disorder in CST GS905 during Collect cash	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5YE7Z00	Error occurred by the notes disorder in CST All during Collect cash	1. Operate to initialize BRM.(Recovery)
5YEC100	CST Miss-Pickup during Collect cash	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check the upper and the notes.
5YEC200	Exceeded number of retries for CST separation error during Collet cash.	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check the upper and the notes.
5YEC400	CST Last Note No Front detect during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(A).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check the upper and the notes.
5YEG100	CST Failure of returning notes (GS901,GS902 Sensors detect no notes) during Collect cash	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5YEG200	CST Failure to move PP to stack position during Collect cash	1. Remove the transit cassette.2. Open the cassette door.3. Check the stage status.

Problem Code	Problem Description	Troubleshooting
5YEG400	CST Failure to upword moving of PP during RC stack roller retreat movement during Collect cash	1. Remove the transit cassette.2. Open the cassette door.3. Check the stage status.
5YEG500	CST Failure to stack roller retreat (GS913 Sensor no change) during Collect cash	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5YEG600	CST Stack Roller retreat position disorder during RC Separation during Collect cash	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5YEG700	CST RC Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GS907) no change) during Collect cash	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5YEG800	CST Failure to move PP to press position (GS908 Sensor Dark Fail) during Collect cash	1. Remove the transit cassette.2. Check the stage status after open the cassette.3. Check the upper side of the cassette
5YEGA00	CST RC Solenoid Echo error during Collect cash	1. Reload the transit cassette after removing the cassette.2. Change the cassette when same error occur.
5YEBG00	CST Feed Roller homeposition Sensor(GS907) Light detect fail during RC Stack during Collect cash	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5YEGC00	CST Feed Roller homeposition Sensor(GS907) Dark detect fail during RC Stack during Collect cash	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5YEGD00	CST GS901,GS902 Detect notes during move RC Feed Roller to homeposition during Collect cash	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note in the upper side.4. Check whether the sensor is contaminated or not if there are No notes or substance
5YEGE00	CST GS908 detect dark before move RC Feed Roller to homeposition during Collect cash	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note.
5YEGF00	CST Notes Setting error during initialize (GS914, Bottom Sensor(GS912) both dark) during Collect cash	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove note.
5YEGG00	CST Stack Roller Sensor(GS913) detect light during RC FM Stack during Collect cash	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5YEGH00	CST Stack Roller Sensor(GS913) detect dark during RC FM Stack during Collect cash	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5YEGJ00	CST RC Stack Roller retreat fail (Motor Overrun) during Collect cash	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
5YEGK00	CST RC Stack Roller retreat fail (Motor speed error) during Collect cash	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5YEGL00	CST RC Feed Roller homeposition fail (Motor speed error) during Collect cash	1. Remove the transit cassette.2. Put down the Stage after open the cassette door.3. Remove jammed notes or substance using any wheels on the upper side.4. Check the Pickup-Roller rotates softly
5YEJ200	CST No Residue during Collect cash	1. Remove the transit cassette.2. Check the notes remain after open the cassette door.3. Fill up the Notes if there are no notes
5YEJ300	CST Full,Bottom no detect before move RC PP to stack position during Collect cash	1. Remove the transit cassette.2. Check the stage status after open the cassette.3. Check the upper side of the cassette
5YEK100	CST separation request notes is 0 during Collect cash	1. Operate to initialize BRM.(Recovery)
5YENL00	CST Requested notes is more than Residue notes,separation stop during Collect cash	1. Check CST actual count and SPL screen count.2. Setting CST count match actual count.3. Operate to initialize BRM(Recovery)
5YER100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YER200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YER300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YER600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YERF00	CST Feed Motor response timeout during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YERP00	CST PP response timeout during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YES200	CST Receive undefined command during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YES300	CST RC Task not for sepratation receive separation command during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YESA00	CST RC Sub Task receive undefined command during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YESR00	CST Sub Task for Wait Setting Error during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5YESZ00	No enable RC to separate during Withdrawal, Collect Cash, Withdrawal for adjustment (The number of requested notes is 1 or RC out of work)	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YF0100	RC7 GSF01 Light Jam during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YF0200	RC7 GSF02 Light Jam during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YF0500	RC7 GSF05 Light Jam during Collect cash	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(F)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5YF0Z00	RC7 All Light Jam during Collect cash	1. Operate to initialize BRM.(Recovery)
5YF1100	RC7 GSF01 Dark Jam during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YF1200	RC7 GSF02 Dark Jam during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YF1500	RC7 GSF05 Dark Jam during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YF1Z00	All RC7 Sensor Dark Jam during Collect cash	1. Operate to initialize BRM.(Recovery)
5YF2100	Error occurred by notes remained in RC7 GSF01 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YF2200	Error occurred by notes remained in RC7 GSF02 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YF2500	Error occurred by notes remained in RC7 GSF05 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YF2Z00	Error occurred by notes remained in All RC7 Sensor during Collect cash	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5YF3100	RC7 GSF01 Sensor auto calibration error during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YF3200	RC7 GSF02 Sensor auto calibration error during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YF3500	RC7 GSF05 Sensor auto calibration error during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YF3Z00	All RC7 Sensor auto calibration error during Collect cash	1. Operate to initialize BRM.(Recovery)
5YF4100	RC7 GSF01 Extern lights check error during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YF4200	RC7 GSF02 Extern lights check error during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YF4500	RC7 GSF05 Extern lights check error during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YF4Z00	All RC7 Sensor Extern lights check error during Collect cash	1. Operate to initialize BRM.(Recovery)
5YF5100	RC7 GSF01 Path error on transport path during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YF5200	RC7 GSF02 Path error on transport path during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YF5500	RC7 GSF05 Path error on transport path during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YF5Z00	All RC7 Sensor Path error on transport path during Collect cash	1. Operate to initialize BRM.(Recovery)

Problem Code	Problem Description	Troubleshooting
5YF6100	RC7 GSF01 Path error on sensor except for transport path during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YF6200	RC7 GSF02 Path error on sensor except for transport path during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YF6500	RC7 GSF05 Path error on sensor except for transport path during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YF6Z00	RC7 All Path error on sensor except for transport path during Collect cash	1. Operate to initialize BRM.(Recovery)
5YF7100	Error occurred by the notes disorder in RC7 GSF01 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YF7200	Error occurred by the notes disorder in RC7 GSF02 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YF7500	Error occurred by the notes disorder in RC7 GSF05 during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YF7Z00	Error occurred by the notes disorder in RC7 All during Collect cash	1. Operate to initialize BRM.(Recovery)
5YFC100	RC Miss-Pickup during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check the upper and the notes.
5YFC200	Exceeded number of retries for RC7 separation error during Collet cash.	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F)..4. Put down the Stage after open the cassette(F) door.5. Remove note in the upper side.6. Check the upper and the notes.
5YFG100	RC7 Failure of returning notes (GSF01,GSF02 Sensors detect no notes) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YFG200	RC7 Failure to move PP to stack position during Collect cash	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(F) . 4. Open the recycle cassette door(A).5. Check cassette status to move stage up and down.

Problem Code	Problem Description	Troubleshooting
5YFG400	RC7 Failure to upword moving of PP during RC7 stack roller retreat movement during Collect cash	1. Open the lower unit. 2. Open the mid transport path. 3. Remove the recycle cassette(F) . 4. Open the recycle cassette door(A).5. Check cassette status to move stage up and down.
5YFG500	RC7 Failure to stack roller retreat (GS113 Sensor no change) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5YFG600	RC7 Stack Roller retreat position disorder during RC Separation during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5YFG700	RC7 Feed Roller Homeposition Fail (Feed Roller Homeposition Sensor(GSF07) no change) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5YFG800	RC7 Failure to move PP to press position (GSF08 Sensor Dark Fail) during Collect cash	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(F).4. Check the stage status after open the recycle cassette(F).5. Check the upper side of the recycle cassette
5YFGA00	RC7 Solenoid Echo error during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F) and reload4. Replace the cassette when same error occurs
5YFGB00	RC7 Feed Roller homeposition Sensor(GSF07) Light detect fail during RC Stack during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5YFGC00	RC7 Feed Roller homeposition Sensor(GSF07) Dark detect fail during RC Stack during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5YFGD00	RC7 GSF01,GSF02 Detect notes during move RC Feed Roller to homeposition during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5YFGE00	RC7 GSF08 detect dark before move RC Feed Roller to homeposition during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note.
5YFGF00	RC7 Notes Setting error during initialize (GSF14, Bottom Sensor(GSF12) both dark) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove note.
5YFGG00	RC7 Stack Roller Sensor(GS113) detect light during RC FM Stack during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly

Problem Code	Problem Description	Troubleshooting
5YFGH00	RC7 Stack Roller Sensor(GS113) detect dark during RC FM Stack during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5YFGJ00	RC7 Stack Roller retreat fail (Motor Overrun) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5YFGK00	RC7 Stack Roller retreat fail (Motor speed error) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5YFGL00	RC7 Feed Roller homeposition fail (Motor speed error) during Collect cash	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(F).4. Put down the Stage after open the cassette(A) door.5. Remove jammed notes or substance using any wheels on the upper side.6. Check the Pickup-Roller rotates softly
5YFJ200	RC7 No Residue during Collect cash	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(F).4. Check the notes remain after open the recycle cassette door(A)5. Fill up the Notes if there are no notes
5YFJ300	Full,Bottom no detect before move RC7 PP to stack position during Collect cash	1. Open the lower unit2. Open the mid transport path3. Remove the recycle cassette(F).4. Check the stage status after open the recycle cassette(F).5. Check contamination of GSF11/GSF12 sensor.
5YFK100	RC7 separation request notes is 0 during Collect cash	1. Operate to initialize BRM.(Recovery)
5YFNL00	RC7 Requested notes is more than Residue notes,separation stop during Collect cash	1. Check RC7 actual count and SPL screen count.2. Setting RC7 count match actual count.3. Operate to initialize BRM(Recovery)
5YFRF00	RC7 Feed Motor response timeout during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YFRP00	RC7 PP response timeout during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YFS200	RC7 Receive undefined command during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YFS300	RC7 Task not for separation receive separation command during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YFSA00	RC7 Sub Task receive undefined command during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5YFSR00	RC7 Sub Task for Wait Setting Error during Collect cash	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization

Problem Code	Problem Description	Troubleshooting
5YUS100	USB Bulk Sequence Error during Collect cash.	1. Restart over AP-SP.
5YUS300	USB Bulk Received Length Error during Collect cash.	1. Reboot the system.
5YUS400	Message transmission Error from USB to Main Task during Collect cash.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
5YUS500	Message reception Error from MainTask to USB during Collect cash.	1. Operate to initialize BRM(Recovery).2. Reboot the system when same error occurred (message timeout error) after initialization.
5YUSCMD	Bulk command data check error during Collect cash. (USB communication failure)	1. Restart over AP-SP
5YUSCRC	CRC data check error during Collect cash. (USB communication failure)	1. Restart over AP-SP
5YUSLEN	Bulk length error during Collect cash. (USB communication failure)	1. Restart over AP-SP
5Z1R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Z1R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Z1R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Z1R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Z2R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Z2R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Z2R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Z2R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Z30100	RC3 GS301 Light Jam during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Z30200	RC3 GS302 Light Jam during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z30500	RC3 GS305 Light Jam during Etc	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(C)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5Z31100	RC3 GS301 Dark Jam during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z31200	RC3 GS302 Dark Jam during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z31500	RC3 GS305 Dark Jam during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z32100	Error occurred by notes remained in RC3 GS301 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z32200	Error occurred by notes remained in RC3 GS302 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z32500	Error occurred by notes remained in RC3 GS305 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z33100	Sensor auto calibration error in RC3 GS301 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z33200	Sensor auto calibration error in RC3 GS302 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z33500	Sensor auto calibration error in RC3 GS305 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Z34100	Extern lights check error in RC3 GS301 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z34200	Extern lights check error in RC3 GS302 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z34500	Extern lights check error in RC3 GS305 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z35100	Path error on transport path in RC3 GS301 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z35200	Path error on transport path in RC3 GS302 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z35500	Path error on transport path in RC3 GS305 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z36100	Path error on sensor except for transport path in RC3 GS301 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z36200	Path error on sensor except for transport path in RC3 GS302 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z36500	Path error on sensor except for transport path in RC3 GS305 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z37100	Error occurred by the notes disorder in RC3 GS301 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Z37200	Error occurred by the notes disorder in RC3 GS302 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z37500	Error occurred by the notes disorder in RC3 GS305 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z3L100	Remaining notes stack process error in RC3 GS301 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z3L200	Remaining notes stack process error in RC3 GS302 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z3L500	Remaining notes stack process error in RC3 GS305 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(C).4. Put down the Stage after open the cassette(C) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z3R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Z3R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Z3R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Z3R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Z40100	RC4 GS401 Light Jam during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z40200	RC4 GS402 Light Jam during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z40500	RC4 GS405 Light Jam during Etc	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(D)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).

Problem Code	Problem Description	Troubleshooting
5Z41100	RC4 GS401 Dark Jam during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z41200	RC4 GS402 Dark Jam during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z41500	RC4 GS405 Dark Jam during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z42100	Error occurred by notes remained in RC4 GS401 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z42200	Error occurred by notes remained in RC4 GS402 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z42500	Error occurred by notes remained in RC4 GS405 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z43100	Sensor auto calibration error in RC4 GS401 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z43200	Sensor auto calibration error in RC4 GS402 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z43500	Sensor auto calibration error in RC4 GS405 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z44100	Extern lights check error in RC4 GS401 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Z44200	Extern lights check error in RC4 GS402 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z44500	Extern lights check error in RC4 GS405 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z45100	Path error on transport path in RC4 GS401 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z45200	Path error on transport path in RC4 GS402 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z45500	Path error on transport path in RC4 GS405 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z46100	Path error on sensor except for transport path in RC4 GS401 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z46200	Path error on sensor except for transport path in RC4 GS402 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z46500	Path error on sensor except for transport path in RC4 GS405 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z47100	Error occurred by the notes disorder in RC4 GS401 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z47200	Error occurred by the notes disorder in RC4 GS402 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Z47500	Error occurred by the notes disorder in RC4 GS405 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z4L100	Remaining notes stack process error in RC4 GS401 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z4L200	Remaining notes stack process error in RC4 GS402 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z4L500	Remaining notes stack process error in RC4 GS405 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(D).4. Put down the Stage after open the cassette(D) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z4R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Z4R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Z4R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Z4R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Z50100	RC5 GS501 Light Jam during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z50200	RC5 GS502 Light Jam during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z50500	RC5 GS505 Light Jam during Etc	1. Open the lower unit2. Open the mid transport path3. Remove the jam on the recycle cassette(E)4. Rotate the knob of the mid transport path5. Remove the jam on the mid transport path(7).
5Z51100	RC5 GS501 Dark Jam during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Z51200	RC5 GS502 Dark Jam during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z51500	RC5 GS505 Dark Jam during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z52100	Error occurred by notes remained in RC5 GS501 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z52200	Error occurred by notes remained in RC5 GS502 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z52500	Error occurred by notes remained in RC5 GS505 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z53100	Sensor auto calibration error in RC5 GS501 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z53200	Sensor auto calibration error in RC5 GS502 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z53500	Sensor auto calibration error in RC5 GS505 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z54100	Extern lights check error in RC5 GS501 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z54200	Extern lights check error in RC5 GS502 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Z54500	Extern lights check error in RC5 GS505 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z55100	Path error on transport path in RC5 GS501 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z55200	Path error on transport path in RC5 GS502 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z55500	Path error on transport path in RC5 GS505 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z56100	Path error on sensor except for transport path in RC5 GS501 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z56200	Path error on sensor except for transport path in RC5 GS502 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z56500	Path error on sensor except for transport path in RC5 GS505 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z57100	Error occurred by the notes disorder in RC5 GS501 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z57200	Error occurred by the notes disorder in RC5 GS502 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z57500	Error occurred by the notes disorder in RC5 GS505 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance

Problem Code	Problem Description	Troubleshooting
5Z5L100	Remaining notes stack process error in RC5 GS501 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z5L200	Remaining notes stack process error in RC5 GS502 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z5L500	Remaining notes stack process error in RC5 GS505 during Etc	1. Open the lower unit2. Open the Mid Transport Path3. Remove the recycle cassette(E).4. Put down the Stage after open the cassette(E) door.5. Remove note in the upper side.6. Check whether the sensor is contaminated or not if there are No notes or substance
5Z5R100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Z5R200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Z5R300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Z5R600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Z6R100	CSM response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Z6R200	CSM response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Z6R300	CSM response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Z6R600	CSM response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Z77100	Error occurred by the notes disorder in TSK GS701 during Etc	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Z77200	Error occurred by the notes disorder in TSK GS702 during Etc	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Z77300	Error occurred by the notes disorder in TSK GS703,4 during Etc	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)

Problem Code	Problem Description	Troubleshooting
5Z77Z00	Error occurred by the notes disorder in TSK All during Etc	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Z7L100	Remaining notes stack process error in TSK GS701 during Etc	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Z7L200	Remaining notes stack process error in TSK GS702 during Etc	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Z7L300	Remaining notes stack process error in TSK GS703,4 during Etc	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Z7LZ00	Remaining notes stack process error in TSK All during Etc	1. Open the upper unit2. Open the Door of TSK(Temporary StackKer) (5)3. Lock the FP(Front Plate) pushing hand4. Rotate a knob of TSK(5)5. Remove notes and substance TSK(5)
5Z7R100	TSK response Timeout during Ready process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Z7R200	TSK response Timeout during Transaction	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Z7R300	TSK response Timeout during Error handle process	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Z7R600	TSK response Timeout during Unit Test	1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred (message timeout error) after initialization
5Z8HA01	GS801A Sensor Error during Etc	1. Check GS801A2. Operate to initialize BRM(Recovery)
5Z8HA02	GS801B Sensor Error during Etc	1. Check GS801B2. Operate to initialize BRM(Recovery)
5Z8HA03	GS801A, GS801B Sensor Error during Etc	1. Check GS801A, GS801B2. Operate to initialize BRM(Recovery)
5Z8HA04	GS802A Sensor Error during Etc	1. Check GS802A2. Operate to initialize BRM(Recovery)
5Z8HA05	GS801A, GS802A Sensor Error during Etc	1. Check GS801A, GS802A2. Operate to initialize BRM(Recovery)
5Z8HA06	GS801B, GS802A Sensor Error during Etc	1. Check GS801B, GS802A2. Operate to initialize BRM(Recovery)
5Z8HA07	GS801A, GS801B, GS802A Sensor Error during Etc	1. Check GS801A, GS801B, GS802A2. Operate to initialize BRM(Recovery)
5Z8HA08	GS802B Sensor Error during Etc	1. Check GS802B2. Operate to initialize BRM(Recovery)
5Z8HA09	GS801A, GS802B Sensor Error during Etc	1. Check GS801A, GS802B2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5Z8HA10	GS801B, GS802B Sensor Error during Etc	1. Check GS801B, GS802B2. Operate to initialize BRM(Recovery)
5Z8HA11	GS801A, GS801B, GS802B Sensor Error during Etc	1. Check GS801A, GS801B, GS802B2. Operate to initialize BRM(Recovery)
5Z8HA12	GS802A, GS802B Sensor Error during Etc	1. Check GS802A, GS802B2. Operate to initialize BRM(Recovery)
5Z8HA13	GS801A, GS802A, GS802B Sensor Error during Etc	1. Check GS801A, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5Z8HA14	GS801B, GS802A, GS802B Sensor Error during Etc	1. Check GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5Z8HA15	GS801A, GS801B, GS802A, GS802B Sensor Error during Etc	1. Check GS801A, GS801B, GS802A, GS802B2. Operate to initialize BRM(Recovery)
5Z8HB01	MR Sensor Level Error during Etc	1. Check MR Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5Z8HC02	UV_01 Sensor Level Error during Etc	1. Check UV Sensor cable.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5Z8HF03	CIS Shading data loading Fail during Etc	1. Operate shading in the BC CIS2. Operate to initialize BRM(Recovery)
5Z8HF04	Detection DB Table loading Fail during Etc	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5Z8HF05	BC FPGA Data checksum Fail during Etc	1. Check to BC FPGA File2. Operate to initialize BRM(Recovery)
5Z8HF06	BC FPGA Configuration Fail during Etc	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5Z8HF07	BC FPGA Header Information Loading Fail during Etc	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5Z8HF08	BC FPGA Initialize Fail during Etc	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5Z8HF09	BC FPGA VERSION Fail during Etc	1. Re-download BC FPGA2. Change the BC B/D if continuous error.
5Z8HF11	Detection DB #01 loading Fail during Etc	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5Z8HF12	Detection DB #02 loading Fail during Etc	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5Z8HF13	Detection DB #03 loading Fail during Etc	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5Z8HF14	Detection DB #04 loading Fail during Etc	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5Z8HF15	Detection DB #05 loading Fail during Etc	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5Z8HF16	Detection DB #06 loading Fail during Etc	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5Z8HF17	Detection DB #07 loading Fail during Etc	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5Z8HF18	Detection DB #08 loading Fail during Etc	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5Z8HF19	Detection DB #09 loading Fail during Etc	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5Z8HF20	Detection DB #10 loading Fail during Etc	1.Download DB again after delecting all recognition DB2. Operate to initialize BRM(Recovery)
5Z8HG01	Mode Set Error When Receive BC MODE Command (Mode Value is not 1 or 2 ) during Etc	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Z8HG02	Detection Level Set Error When Receive BC MODE Command (Detection Level Value is 0 ) during Etc	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Z8HG03	BC Transaction Ready Fail When Receive BC READY Command during Etc	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5Z8HG04	Mode Set Error When Receive BC READY Command (Mode Value is not 1 or 2 ) during Etc	1. Check BC mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Z8HG05	Detection Level Set Error When Receive BC READY Command (Detection Level Value is 0 ) during Etc	1. Check BC recognition level value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Z8HG06	BC Entry Direction Set Error When Receive BC READY Command (Not Deposit-Withdrawal/Stack Direction ) during Etc	1. Check BC putting direction.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Z8HG07	Receive BC Unknown Command during Etc	1. Check BC reception full command.1. Operate to initialize BRM(Recovery)2. Reboot the system when same error occurred after initialization.
5Z8HG08	The Number of Nations Set Error When Receive BC DATA WRITE Command (Over 0, 10) during Etc	1. Check the number of supported country.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Z8HG09	Nation Code Set Error When Receive BC DATA WRITE Command during Etc	1. Check the supported country code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Z8HG10	Detection DB of the Nation is not exist When Receive BC DATA WRITE Command during Etc	1. Check the BC recognition DB of country.2. Download DB again after delecting all recognition DB3. Operate to initialize BRM(Recovery)4. Reboot the system when same error occurred after initialization.
5Z8HG11	No Nation Code When Receive BC READY Command during Etc	1. Check the country setting value.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Z8HG12	BC Version Value Set Error When Receive BC DATA WRITE Command (Not BC FPGA) during Etc	1. Check the BC specifications devision and BC FPGA specifications.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initializatio

Problem Code	Problem Description	Troubleshooting
5Z8HG20	Fail to Initialize CIS When Receive BC READY Command during Etc	1. Operate to initialize BRM(Recovery)2. Check CIS part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5Z8HG21	Fail to ENCODER POWER ON When Receive BC READY Command during Etc	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5Z8HG22	Fail to adjust DD Sensor DAC When Receive BC READY Command during Etc	1. Operate to initialize BRM(Recovery)2. Check whether the sensor is contaminated or not if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5Z8HG23	DD Sensor DAC Set Error When Receive BC READY Command during Etc	1. Operate to initialize BRM(Recovery)2. Check DD sensor part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance.
5Z8HG24	ENCODER Mode Set Error When Receive BC READY Command during Etc	1. Operate to initialize BRM(Recovery)2. Check ENCODER part if same error occurs after Initialize.3. Reboot the system when same error occurs even though there is no substance
5Z8HG30	Counterfeit Note List CRC Error When Receive BC SERIAL NO Command during Etc	1. Check the forged notes list CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Z8HG31	Not Receive The Number of Counterfeit Note Lists and CRC When Receive BC SERIAL NO Command during Etc	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Z8HG32	Over The Number of Counterfeit Note Lists When Receive BC SERIAL NO Command (Over 200) during Etc	1. Check the whole number of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Z8HG33	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Nation Code 0) during Etc	1. Check the country code of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Z8HG34	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Length Over 2~29) during Etc	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Z8HG36	Note Number Detection Mode Set Error When Receive BC MODE Command (Mode Value is Not 0, 1, 2) during Etc	1. Check to the recognized mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Z8HG37	Transaction Classification Set Error When Receive BC MODE Command (Classification Value is Not 0, 1, 2) during Etc	1. Check to the transaction setting.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Z8HG38	Counterfeit Note List Search Classification Set Error When Receive BC SERIAL NO Command 위조지폐 목록 검색 구분 설정 오류 (Classification Value is Not 1, 2, 3 ) during Etc	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Z8HG39	Counterfeit Note List Note Number Set Error When Receive BC SERIAL NO Command (Use '*' When Search Note Number Part) during Etc	1. Check the forged notes list's note numbers.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.

Problem Code	Problem Description	Troubleshooting
5Z8HG3A	BC MODE SET Bill Management Level Set Error (Over 1~5) during Etc	1. Check check management mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Z8HG3B	Over The Number of BC MODE SET Back Codes (Over 15) during Etc	1. Check the number of check issued by our bank code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Z8HG40	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use End Number at First When Search Note Number Part) during Etc	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Z8HG41	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Use Start Number at Last When Search Note Number Part) during Etc	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Z8HG42	Counterfeit Note List Search Classification Use Error When Receive BC SERIAL NO Command (Wrong Start/End Number Order When Search Note Number Part) during Etc	1. Check the forged notes list search division.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Z8HG43	Counterfeit Note List Length Set Error When Receive BC SERIAL NO Command (Use Wrong Length Value When Search Note Number Part) during Etc	1. Check the length of forged notes list.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Z8HG44	Counterfeit Note List Nation Code Set Error When Receive BC SERIAL NO Command (Use Wrong Nation Code When Search Note Number Part) during Etc	1. Check the forged notes list's country-code.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Z8HG45	Not Receive The Number of Bill Number Tables and CRC When Receive Check No Write Command during Etc	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Z8HG46	Bill Number Error When Receive Check No Write Command during Etc	1. Check the check number when registering check number.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Z8HG47	Bill Number Table Length Set Error When Receive Check No Write Command (Length Over 0~50) during Etc	1. Check check number table's length.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Z8HG48	Bill Number Table CRC Error When Receive Check No Write Command during Etc	1. Check the number of forged notes list and CRC.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Z8HG49	Over The Number of Bill Number Tables When Receive Check No Write Command (Over 5) during Etc	1. Check check total number of tables.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Z8HH01	Fail to Delete NAND FLASH during Etc	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5Z8HH02	NAND FLASH Delete BLOCK Set Error When Download Detection DB during Etc	1. Download DB again after checking recognition DB's delete index.2. Operate to initialize BRM(Recovery)
5Z8HH03	Fail to Download Detection DB during Etc	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5Z8HH04	NAND FLASH Download BLOCK Set Error When Download Detection DB during Etc	1. Download DB again after checking recognition DB's index.2. Operate to initialize BRM(Recovery)
5Z8HH05	Detection DB Download File Check Error during Etc	1. Download DB again after checking recognition DB file.2. Operate to initialize BRM(Recovery)
5Z8HH06	Detection DB Download File Size Error during Etc	1. Download DB again after checking recognition DB download file.2. Operate to initialize BRM(Recovery)
5Z8HH07	DB Table Save Error After Download Detection DB during Etc	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5Z8HH08	Over Detection DB Download (Over 10) during Etc	1. Download DB again after deleting all recognition DB.2. Operate to initialize BRM(Recovery)
5Z8HH09	Detection DB Header Information Error during Etc	1. Download DB again after deleting recognition DB.2. Operate to initialize BRM(Recovery)
5Z8HH10	EP Download Fail during Etc	1. Re-download BC EP.2. Change the BC B/D if continuous error.
5Z8HH11	EP Download Check Error during Etc	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5Z8HH12	EP Download File Size Error during Etc	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5Z8HH13	EP Download File ID Error (Not EPAP/EPBT/EPFP) during Etc	1. Download EP again after checking BC EP download file.2. Operate to initialize BRM(Recovery)
5Z8HH14	BC FPGA Download Fail during Etc	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
5Z8HH15	Header Information Save Error After BC FPGA Download during Etc	1. Re-download BC FPGA.2. Change the BC B/D if continuous error.
5Z8HH16	Not Provide BC FPGA Download during Etc	1. Check BC FPGA VERSION.2. Change the BC B/D if continuous error.
5Z8HH17	EEPROM READ/WRITE Error during Etc	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
5Z8HH18	Receive Unit Serial Number Undefined Option during Etc	1. Re-register and Re-Inquiry Unit Serial number.2. Change the BC B/D if continuous error.
5Z8HH19	Receive USB Undefined Command during Etc	1. Check USB Command from BC and retry the operation.2. Check BC version and Update EP3. Change the BC B/D if continuous error.
5Z8HH20	No BC Process Note When Receive Image Upload Command during Etc	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5Z8HH21	FC1 Set Error When Receive Image Upload Command during Etc	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.
5Z8HH22	BC is Processing Note When Receive Image Upload Command during Etc	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery).3. Reboot the system when same error occurred (message timeout error) after initialization.

Problem Code	Problem Description	Troubleshooting
5Z8HH23	FC2 Set Error When Receive Image Upload Command during Etc	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Z8HH24	Not Provide Total Image Upload Function during Etc	1. Check if SP or TM is out of date.2. Initialize the BRM3. If initialization does not fix the problem, contact the technician.
5Z8HH25	Not Provide Note Number Detection Image Upload Function during Etc	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Z8HH26	FC2 Set Error When Receive Image Information Upload Command during Etc	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Z8HH27	BRM Transaction Mode is Not Same with Image Upload Command Mode during Etc	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Z8HH28	BRM Transaction Mode is Not Same with Replenishment/Collect Cash Image Upload Command Mode during Etc	1. Check to the transaction mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Z8HH29	No BC Process Note When Receive Replenishment/Collect Cash Image Upload Command during Etc	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Z8HH2A	FC1 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Etc	1. Check FC1 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Z8HH2B	BC is Processing Note When Receive Replenishment/Collect Cash Image Upload Command during Etc	1. Request image upload after operating BC recognition.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Z8HH2C	FC2 Set Error When Receive Replenishment/Collect Cash Image Upload Command during Etc	1. Check FC2 receiving image upload.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Z8HH2D	Not Provide Replenishment/Collect Cash Image Upload Function during Etc	1. Check BC image save mode.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Z8HH2E	Note Image Upload Index is Not Same When Receive Replenishment/Collect Cash Image Upload Command during Etc	1. Get BC log and image.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred (message timeout error) after initialization.
5Z8HI01	RecogTask Messeage Timeout Error during Etc	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5Z8HI02	ScanTask Messeage Timeout Error during Etc	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5Z8HI03	UartTask Messeage Timeout Error during Etc	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.

Problem Code	Problem Description	Troubleshooting
5Z8HI04	BcUsbTask Messeage Timeout Error during Etc	1. Operate to initialize BRM(Recovery)2. Check Command sequence.3. Reboot the system when same error occurred after initialization.
5Z8HJ01	Algorithm Initialize Fail during Etc	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Z8HJ02	Algorithm Ready Fail during Etc	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Z8HJ03	Algorithm Information Set Error during Etc	1. Check BC EP download file.2. Operate to initialize BRM(Recovery)3. Reboot the system when same error occurred after initialization.
5Z8HK01	Table CRC Error When Set Poly-Note Withdrawal Information during Etc	1. Retry the operation
5Z8HK02	CST Note Information Set Number Error When Set Poly-Note Withdrawal Information (n is 0 or over 256) during Etc	1. Check the number of CST Setting notes info
5Z8HK03	Withdrawal Note Number Set Error When Set Poly-Note Withdrawal Information ( n is 0 or over 3000) during Etc	1. Check Withdrawal notes setting
5Z8HK04	Note Information (Not CST Set Note) is Set in Withdrawal Note Information When Set Poly-Note Withdrawal Information during Etc	1. Check Withdrawal notes info
5Z8HS01	FPGA Write Data Error When Initialize Scan Driver during Etc	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Z8HS02	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver during Etc	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Z8HS03	Fail to Set CIS Led On Value When Initialize Scan Driver during Etc	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Z8HS04	Fail to Set Source of Scan Light When Initialize Scan Driver during Etc	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Z8HS05	Not Process Shading When Initialize Scan Driver during Etc	1. Perform CiS Shading.2. Operate to initialize BRM(Recovery)
5Z8HS08	Fail to Set DAC When Initialize Scan Driver during Etc	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Z8HS11	FPGA Write Data Error When BC Ready during Etc	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Z8HS12	Fail to Power On When BC Ready Sensor(MR/UV/DD/Encoder/Entry Sensor) during Etc	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Z8HS13	Fail to Set CIS Led On Value When BC Ready during Etc	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Z8HS14	Fail to Set Source of Scan Ligh When BC Ready during Etc	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Z8HS15	Not Process Shading When BC Ready during Etc	1. Retry the operation.2. Operate to initialize BRM(Recovery)

Problem Code	Problem Description	Troubleshooting
5Z8HS17	Fail to Set AFE Chip When BC Ready during Etc	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Z8HS18	Fail to Set DAC When BC Ready during Etc	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Z8HS19	MR/UV/DD Sampling Start Error When BC Ready during Etc	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Z8HS1A	Fail to Set 2-Notes DAC When BC Ready during Etc	1. Check whether double notes sensor is contaminate or not.2. Check whether double notes sensor is connected.3. Retry the operation.4. Change the BC if continuous error.
5Z8HS1B	2-Notes to 1-Note Adjust Information Error When BC Ready during Etc	1. Perform calibration info about double notes or one note.2. Operate to initialize BRM(Recovery)
5Z8HS22	Sensor(MR/UV/DD/Encoder/Entry Sensor) Power Off Error When Initialize Scan Driver When Stop BC during Etc	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Z8HS28	Fail to Set DAC When Stop BC during Etc	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Z8HS29	MR/UV/DD Sampling Stop Error When Stop BC during Etc	1. Retry the operation.2. Operate to initialize BRM(Recovery)
5Z8HS31	BC Ready Fail When Process CIS Shading – Use in Plant during Etc	1. Perform calibration info about double notes or one note and double notes DAC2. Retry the operation
5Z8HS32	Dark Adjust Fail When Process CIS Shading – Use in Plant during Etc	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Change CIS and Cable5. Change BC
5Z8HS33	Over Target Gap When Process CIS Shading Shading – Use in Plant during Etc	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
5Z8HS34	Fail to Write Result Value Flash When Process CIS Shading – Use in Plant during Etc	1. Retry the operation2. Change BC
5Z8HS35	BC Stop Fail When Process CIS Shading – Use in Plant during Etc	1. Retry the operation2. Change BC
5Z8HS36	Over 10Pixel-Excess-Image When Process CIS Shading during Etc	1. Retry the operation2. Check CIS note quility and setting status3. Check CIS Connection Status4. Change BC
5Z8HS37	Dark Shading Result Value is Standard Over When Process CIS Shading during Etc	1. Check CIS Cover Open Status2. Check Outer Light3. Check CIS Connection Status4. Retry the operation5. Change BC
5Z8HS38	Max Overtime Ove When Process CIS Shadingr – Use in Plant during Etc	1. Retry the operation2. Check CIS Substance3. Check CIS note quility and setting status4. Check CIS Connection Status5. Change BC
5Z8HS39	Fail to Set Source of Shading Light When Process CIS Shading – Use in Plant during Etc	1. Retry the operation2. Change BC
5Z8HS41	Fail to Adjust 2-Notes DAC (Less Than MIN) – Use in Plant during Etc	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the operation4. Change BC
5Z8HS42	Fail to Adjust 2-Notes DAC (Over MAX) – Use in Plant during Etc	1. Check Double notes sensor substance2. Check Double notes sensor connector3. Retry the operation4. Change BC

Problem Code	Problem Description	Troubleshooting
5Z8HS43	2-Notes Adjust Flash Write Fail – Use in Plant during Etc	1. Retry the operation 2. Change BC
5Z8R100	BC response Timeout during Ready process	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5Z8R200	BC response Timeout during Transaction	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5Z8R300	BC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5Z8R600	BC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5ZCR100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5ZCR200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5ZCR300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5ZCR600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5ZER100	RC response Timeout during Ready process	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5ZER200	RC response Timeout during Transaction	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5ZER300	RC response Timeout during Error handle process	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5ZER600	RC response Timeout during Unit Test	1. Operate to initialize BRM(Recovery) 2. Reboot the system when same error occurred (message timeout error) after initialization
5ZUS100	USB Bulk Sequence Error during Etc.	1. Restart over AP-SP.
5ZUS300	USB Bulk Received Length Error during Etc.	1. Reboot the system.
5ZUS400	Message transmission Error from USB to Main Task during Etc.	1. Operate to initialize BRM(Recovery). 2. Reboot the system when same error occurred (message timeout error) after initialization.
5ZUS500	Message reception Error from MainTask to USB during Etc.	1. Operate to initialize BRM(Recovery). 2. Reboot the system when same error occurred (message timeout error) after initialization.

Problem Code	Problem Description	Troubleshooting
5ZUSCMD	Bulk command data check error during Module Test. (USB communication failure)	1. Restart over AP-SP
5ZUSCRC	CRC data check error during Module Test. (USB communication failure)	1. Restart over AP-SP
5ZUSLEN	Bulk length error during Module Test. (USB communication failure)	1. Restart over AP-SP
9500001	Fail connect that driver resources insufficient	1. check the usb cable 2.check the load driver on device manager driver name : BRM5X. In spite of normal if abnormal communication, need to analyze trace log as being get the log.
9500002	Fail connect that timeout	1. check the usb cable 2.check the load driver on device manager driver name : BRM5X. In spite of normal if abnormal communication, need to analyze trace log as being get the log.
9500003	Fail connect by invalid response	1. check the usb cable 2.check the load driver on device manager driver name : BRM5X. In spite of normal if abnormal communication, need to analyze trace log as being get the log.
9500004	Fail connect by invalid parameter	1. check the usb cable 2.check the load driver on device manager driver name : BRM5X. In spite of normal if abnormal communication, need to analyze trace log as being get the log.
9500005	Fail connect by stall error	1. check the usb cable 2.check the load driver on device manager driver name : BRM5X. In spite of normal if abnormal communication, need to analyze trace log as being get the log.
9500006	Fail connect by usb device error	1. check the usb cable 2.check the load driver on device manager driver name : BRM5X. In spite of normal if abnormal communication, need to analyze trace log as being get the log.
9500011	Fail connect by port open error	1. check the usb cable 2.check the load driver on device manager driver name : BRM5X. In spite of normal if abnormal communication, need to analyze trace log as being get the log.
9500012	Fail connect due to device not connected	1. check the usb cable 2.check the load driver on device manager driver name : BRM5X. In spite of normal if abnormal communication, need to analyze trace log as being get the log.
9500013	Fail connect due to failed to send command	1. check the usb cable 2.check the load driver on device manager driver name : BRM5X. In spite of normal if abnormal communication, need to analyze trace log as being get the log.
9500014	Fail connect due to failed to receive replay	1. check the usb cable 2.check the load driver on device manager driver name : BRM5X. In spite of normal if abnormal communication, need to analyze trace log as being get the log.
9500015	Fail connect due to command canceled	1. check the usb cable 2.check the load driver on device manager driver name : BRM5X. In spite of normal if abnormal communication, need to analyze trace log as being get the log.

Problem Code	Problem Description	Troubleshooting
9500016	Fail connect due to command not support	1. check the usb cable 2.check the load driver on device manager driver name : BRM5X. In spite of normal if abnormal communication, need to analyze trace log as being get the log.
9500017	Fail connect due to software error	1. check the usb cable 2.check the load driver on device manager driver name : BRM5X. In spite of normal if abnormal communication, need to analyze trace log as being get the log.
9500018	Fail connect due to invalid parameter	1. check the usb cable 2.check the load driver on device manager driver name : BRM5X. In spite of normal if abnormal communication, need to analyze trace log as being get the log.
9500019	Fail connect due to invalid data	1. check the usb cable 2.check the load driver on device manager driver name : BRM5X. In spite of normal if abnormal communication, need to analyze trace log as being get the log.
9500030	Fail connect due to initialize crypto failed	1. check the usb cable 2.check the load driver on device manager driver name : BRM5X. In spite of normal if abnormal communication, need to analyze trace log as being get the log.
9500031	Fail connect due to crypto cert failed	1. check the usb cable 2.check the load driver on device manager driver name : BRM5X. In spite of normal if abnormal communication, need to analyze trace log as being get the log.
9500032	Fail connect due to encryto failed	1. check the usb cable 2.check the load driver on device manager driver name : BRM5X. In spite of normal if abnormal communication, need to analyze trace log as being get the log.
9500100	Fail connect due to crypto crc failed	1. check the usb cable 2.check the load driver on device manager driver name : BRM5X. In spite of normal if abnormal communication, need to analyze trace log as being get the log.
9510500	BRM unit is NOT in position	1. check if the unit is in position2. check the sensors through VDM when the error persists though the unit is in position
9510A00	The currency of the CST installed differs from the value set in RC slot	Perform Start & End Exchange after installing CST with the same currency as set in the RC slot.
9513300	Failed to Polling and open that communication error	1. check the usb cable2. check the load driver on device manager driver name : nh GBRM or BRM203. In spite of normal if abnormal communication, need to analyze trace log as being get the log.
9513400	The new encryption is activated, operation cannot be performed.	1. Move DIP switch #7 to ON position in RUB board2. Reset the Main board3. Wait during 20 sec4. Restore DIP switch #7 to OFF position RUB5. Reset again
9513500	Disable or disconnect with outer shutter	1. Check the usb/serial cable that is between outer shutter device and CE2. Disable and enable outer shutter driver 3. Restart outer shutter device
9513600	Update BRM VDM Dll File.	Update BRM VDM Dll File.
9513700	Shutter error occurred.	Please check the shutter closed.

Problem Code	Problem Description	Troubleshooting
9530004	In case of send cancel from AP	1. cancel transaction from AP (Check the sequence flow of AP)
9530014	It is occurred hardware error during Transactionex) during the dispense, reject, retract, cash in, cash in end and reset command	1. check the occurred error path or unit.2. In spite of normal if abnormal performance, need to analyze trace log as being get the log.
9530015	Failed to allocate memory during xfs command	1. check the allocated memory from AP and SP2. In spite of normal if abnormal performance, need to analyze trace log as being get the log.
9530048	It is occurred to timeout during the xfs command	1. check input timeout value from AP.
9530050	It is unsupport command during xfs command.	1. Unsupport command
9530052	Invalid memory, in case of input cash unit numver 0 and mixnumber is individual when send denominat command.	1. check the input data from AP2. In spite of normal if abnormal performance, need to analyze trace log as being get the log.
9530053	Not matched request count and sum of the request count : possibility is zero.	1. In spite of normal if abnormal performance, need to analyze trace log as being get the log.
9530301	Requested currency is invalid	1. Check requested parameter
9530302	It is occurred cash unit error(e.g) It is impossible to dispense	1. Check the status of cassette, remain count and actual count in physical cash unit.(e.g) check push plate, front guide, pick roller2. In spite of normal if abnormal performance, need to analyze trace log as being get the log.
9530303	Input invalid amount dataThe sum of the values for cash box and cash units was greater than the amount specified.	1. Check the input data from AP2. In spite of normal if abnormal performance, need to analyze trace log as being get the log.
9530304	Requested mix number is invalid	1. Check requested parameter
9530306	The amount is not dispensable by the Device	1. Execute Reset if device staus is HW_ERROR2. Check amount in cassette
9530307	Request to over max dispense count	1. Check the input data from AP2. In spite of normal if abnormal performance, need to analyze trace log as being get the log.
9530308	Unsupport position	1. Check the input data from AP2. In spite of normal if abnormal performance, need to analyze trace log as being get the log.
9530310	1. Safe door open	1. Close safe door
9530312	Failed to open shutter	1. check the shutter2. check the positon for upper unit and outputposion
9530313	The shutter already opened	1. Check the shutter status and shutter2. In spite of normal if abnormal performance, need to analyze trace log as being get the log.
9530314	The shutter already closed	1. Check the shutter status and shutter2. In spite of normal if abnormal performance, need to analyze trace log as being get the log.
9530315	There is not the cashunit	1. Check requested parameter

Problem Code	Problem Description	Troubleshooting
9530316	The output position is empty when present command	1. Check the item left in output position2. In spite of normal if abnormal performance, need to analyze trace log as being get the log.
9530317	This BRM is already in an exchange state	1. Checking the AP flow2. In spite of normal if abnormal performance, need to analyze trace log as being get the log.
9530318	There is no exchange active	1. Checking the AP flow2. In spite of normal if abnormal performance, need to analyze trace log as being get the log.
9530319	Failed to close shutter when close shutter command	1. Check the shutter status and device status2. In spite of normal if abnormal performance, need to analyze trace log as being get the log.
9530323	Items were present at the output positon at the start of the operation, but were removed before the operation was complete when retract command	1. Check the sequence flow for AP2. In spite of normal if abnormal performance, need to analyze trace log as being get the log.
9530327	The contents of at least one of the defined rows of the mix table incorrect.	1. need to analyze trace log as being got the log
9530329	The retract area specified in RetractArea is not supported.	1. Check the input data from AP
9530330	The retract area specified in RetractArea is not supported.	1. Check the input data from AP
9530334	A mix table is being used to determine the denomination but the amount specified for the denomination is not in the mix table.	1. Check the input data from AP2. In spite of normal if abnormal performance, need to analyze trace log as being get the log.
9530335	Items not taken during sub dispense.	1. Check the item left in output position.2. In spite of normal if abnormal performance, need to analyze trace log as being get the log.
9530336	Items have been left in the transport or exit slot as a result of a prior Dispense, Present or Recycler Cash-In operation.	1. Check the sequence flow for AP2. In spite of normal if abnormal performance, need to analyze trace log as being get the log.
9590600	Abnormal BRM Main B/D Dip switch	Please set BRM main B/D dip switch No.5 to OFF. Please execute RESET command.
9590700	A cassette ID is missing or duplicated. Please check cassette ID.	1. Run NHVDM. 2. Select Set Cassette ID button.3. Check Cassette ID values and set it from A to E.4. Select Initialize button.
9590800	total count and individual count is different during Transaction.	Execute Reset command.
9591000	TE status is Empty but accept count is not zero.	Execute Reset command.
9591200	UTC cassette is not available mode but UTC Cassette is not empty.	Clear notes in UTC cassette.
9591400	Bank Note Info Error has occurred.	1. SP Close2. SP Open
9591700	Device is inoperable because note list types were changed	Execute WFS_INF_CIM_BANKNOTE_TYPES command.
959TY00	Duplicated dip switch information while using cassette type mode (Simple CIT)	1. DIP switch adjustment2. Perform Reset

Problem Code	Problem Description	Troubleshooting
95D0004	In case of send cancel from AP	1. cancel transaction from AP (Check the sequence flow of AP)
95D0014	It is occurred hardware error during Transactionex) during the dispense, reject, retract, cash in, cash in end and reset command	1. check the occurred error path or unit.2. In spite of normal if abnormal performance, need to analyze trace log as being get the log.
95D0015	Failed to allocate memory during xfs command	1. check the allocated memory from AP and SP2. In spite of normal if abnormal performance, need to analyze trace log as being get the log.
95D0048	It is occurred to timeout during the xfs command	1. check input timeout value from AP.
95D0050	It is unsupport command during xfs command.	1. Unsupport command
95D0052	Invalid memory, in case of input cash unit numver 0 and mixnumber is individual when send denominat command.	1. check the input data from AP2. In spite of normal if abnormal performance, need to analyze trace log as being get the log.
95D0053	Not matched request count and sum of the request count : possibility is zero.	1. In spite of normal if abnormal performance, need to analyze trace log as being get the log.
95D1302	It is occurred cash unit error	1. Check the status of cassette, check push plate, front guide, pick roller2. In spite of normal if abnormal performance, need to analyze trace log as being get the log.
95D1307	There were too many items inserted for cash in. The Cash-In stacker is full.	1. Check the sequence flow for AP.2. confirm the max accept count.3. In spite of normal if abnormal performance, need to analyze trace log as being get the log.
95D1308	The position specified is not supported.	1. Check the input data from AP2. In spite of normal if abnormal performance, need to analyze trace log as being get the log.
95D1310	1. Safe door open	1. Close safe door
95D1312	Failed to open shutter	1. check the shutter2. check the positon for upper unit and outputposion
95D1313	The shutter already opened	1. Check the shutter status and shutter2. In spite of normal if abnormal performance, need to analyze trace log as being get the log.
95D1314	The shutter already closed	1. Check the shutter status and shutter2. In spite of normal if abnormal performance, need to analyze trace log as being get the log.
95D1315	The cash unit number specified is not valid.	1. Check the input data from AP2. In spite of normal if abnormal performance, need to analyze trace log as being get the log.
95D1316	There were no items to cash in.	1. check whether or not items in the output position.2. In spite of normal if abnormal performance, need to analyze trace log as being get the log.
95D1317	The BRM service is in an exchange state.	1. Checking the AP flow cause service is in an exchange state.2. In spite of normal if abnormal performance, need to analyze trace log as being get the log.
95D1318	There is no exchange active	1. Checking the AP flow2. In spite of normal if abnormal performance, need to analyze trace log as being get the log.

<b>Problem Code</b>	<b>Problem Description</b>	<b>Troubleshooting</b>
95D1319	Failed to close shutter when close shutter command	1. Check the shutter status and device status2. In spite of normal if abnormal performance, need to analyze trace log as being get the log.
95D1323	Items were present at the output position at the start of the operation, but were removed before the operation was complete	1. Checking the AP flow2. In spite of normal if abnormal performance, need to analyze trace log as being get the log.
95D1325	A Cash-In transaction is active.	1. Check the sequence flow AP2. In spite of normal if abnormal performance, need to analyze trace log as being get the log.
95D1326	There is no Cash-In transaction active	1. Check the sequence flow AP2. In spite of normal if abnormal performance, need to analyze trace log as being get the log.
95D1328	The output position is not empty so a cash in is not possible.	1. Check the sequence flow AP2. In spite of normal if abnormal performance, need to analyze trace log as being get the log.
95D1335	The retract area specified in RetractArea is not supported.	1. Check the sequence flow AP2. In spite of normal if abnormal performance, need to analyze trace log as being get the log.
95D1339	The hardware requires that the cash unit is empty before allowing changes.	1. Check the status of remaining inside the cassette2. In spite of normal if abnormal performance, need to analyze trace log as being get the log.

## Chapter 4. Card Reader

Problem Code	Problem Description	Troubleshooting
3000000	To shows that received command was undefined	Confirm the firmware version
3000100	To show command parameter error	Confirm the firmware version
3000200	The reception of the command that impossible to implementation	Issue the Reset command.
3000300	To show that the command to the hardware that does not exist was received	Reset device and restart system.
3000400	To show that error data was included in command	Confirm the firmware version
3000500	To show that a command, which requires the card movement, was executed before IC contacts were released from the card	Issue the Reset command.
3000600	To show that ICRW has not obtained the key exchange key. [V04.01.58]	Issue the Reset command.
3001000	To show that the card was not carried to the specific location after specified number of trial for specified time during execution of command of carrying card in various ways	Issue the Reset command.
3001100	To show that status signal for "shutter open" is not received while shutter is open.	Check device and shutter.
3001200	To show that the Sensor is damaged or more than one card is inside ICRW.	Clear sensor and check the sensor.
3001300	To show that the card longer than 92mm is inserted into ICRW	Remove card and reset device
3001400	To show that the card shorter than 78mm is inserted into ICRW	Remove card and reset device
3001500	To show that data in F-ROM is damaged	Restart system and change device to new one.
3001600	To show that the card staying inside ICRW was moved up to the point where status request information change. To show that card was inserted into the ICRW through rear side by external force	Issue the Reset command.
3001700	To show that the card was not carried to the specific location after specified number of Trial for specified time during execution of RETRIEVE command.	Issue the Reset command.
3001800	To show that shutter open/close detection sensor(SW2) and card width check sensor(SW1) are not operating correctly.	Remove card and reset device
3001900	To show that a card was not inserted from the rear, even if 10 seconds had passed after the execution of BACK ENTRY command	Remove card and reset device
3002000	To show that track has parity error	Remove card and reset device
3002100	To show that read error has happened in Multiple magnetic read command.	Remove card and reset device

Problem Code	Problem Description	Troubleshooting
3002200	To show that write error is detected through write/verify procedure.	Remove card and reset device
3002300	To show that only SS,ES,LRC are contained in the track. (no retry)	Please confirm which is problem card or cardreader
3002400	To show that the card has no magnetic track(no retry)	Please confirm which is problem card or cardreader
3002500	To show that quality error (Jitter,Preamble,Postamble) has happened in write verify.	Please confirm which is problem card or cardreader
3002600	To show that the track has no SS.	Please confirm which is problem card or cardreader
3002700	To show that the track has no ES	Please confirm which is problem card or cardreader
3002800	To show that the track has no LRC error	Please confirm which is problem card or cardreader
3002900	To show that the discordance of write data has happened in write verify.	Please confirm which is problem card or cardreader
3003000	To show that power down(or power cut in short instant) is detected(or being detected).	Issue the Reset command.
3003100	To show that DSR signal was turned to OFF (communication is cut)	Check the device cable and connection.
3004000	To show that the card was pulled out from ICRW through entrance gate when CAPTURE command is being executed.	Issue the Reset command.
3004100	Failure at IC Contact solenoid or sensor ICD.	Confirm the solenoid sensor
3004300	Card could not be set to IC contact position/Failure at sensor PDI.	Issue the Reset command.
3004500	ICRW lost sight of the card when ICRW completed to carry the card to the rear position during the card acceptance, and ICRW ejected the card to entrance gate.	Confirm the sensor
3004600	To show that the ejected card has not been withdrawn during execution of Monitoring for removal command.	Remove card and reset device
3004900	Detect that a shimmer(Inner shimmer) is inserted	1. SIU Door Open 2. Check whether the shimmer (attachment) inside the device or card insertion slot 3. Execute Clear status from Anti shimming menu after running VDM
3005000	Retract counter overflow.	Remove card and reset device
3005100	To show that Motor error has happened, through start/stop check in Initialize command.	Confirm the sensor
3005300	To show that read error in Digital Decode Read Command.	Remove card and reset device

Problem Code	Problem Description	Troubleshooting
3005400	Unable to perform ACT operation	1. Open the cover of the device. 2. ACT motor makes loosely. 3. Close the cover and execute reset. 4. If ACT motor does not turn around, change the device.
3005500	Jamed card is locked	Unlock ACT and then take jamed card
3006000	To show that there found abnormal condition on the power-line.	Remove card and reset device
3006100	The receiving error for ATR.	Check to cardreader is running well with IC Chipcard.
3006200	To show that the specified protocol does not agree with that of ICC/SAM ICRW still connected.	Check to cardreader is running well with IC Chipcard.
3006300	In case T=1 cards, after ATR receiving, IFS exchange is failed. ICRW detects time out.	Check to cardreader is running well with IC Chipcard.
3006400	In case T=1 cards, after ATR receiving, IFS exchange is failed. ICRW detects protocol error.	Check to cardreader is running well with IC Chipcard.
3006500	HOST tried to communicate with IC card without card activation.	Check to cardreader is running well with IC Chipcard.
3006600	ICRW tried to activate with ICC/SAM, but the card returned ATR, which is not supported.	Check to cardreader is running well with IC Chipcard.
3006900	ICRW tried to activate with ICC/SAM, but the card returned ATR, Which does not match EMV.	Check to cardreader is running well with IC Chipcard.
3007000	Failure at F-ROM operation.	Reset device and restart system.
3007100	Firmware of User program code area is wrong.	Reset device and restart system.
3009000	The cover of the unit is opened. ( ICT3S5 model only )	Close the unit cover.
3009500	AntiSkimming device is broken down or disconnected.	Turn off the power and check that the antiskimming device was connected normally. if the error is arising from mechanism failure, it is cleared by the repair to the parts.
3009600	Skimming is detected.	Cleared by executing Initialize command after the skimming has been removed
3009900	Abnormal current was found on the internal module.	Turn off te power and check that the internal module was damaged. if the error is arising from electrical failure, it is cleared by the repaire of te parts
300B000	Received the other command before executing Initialize command.	Reset device and restart system.
30R1000	Retain Card Jam	1. Check device outlet, reset Device
3CL1100	Shutter Close Fail	1. Check shutter
3E01000	Eject Card Jam	1. Check device inlet, reset Device
3ER1000	Eject and Retain Card Jam	1. Check device in/outlet, reset Device
3OP1100	Shutter Open Fail	1. Check shutter
3TDtc00	TMD Antiskimmer Device Detected Forign Object	Remove metal or foreign object from bezel

Problem Code	Problem Description	Troubleshooting
3TINTER	TMD Antiskimmer Dll file is missing (UsbHidApi.dll)	Check Dll File
3TTDt00	TMD Antiskimmer Detect Tilt	Restart ATM After Checking bezel
3TVDt00	TMD Antiskimmer Detect Vibration	Restart ATM after Checking bezel
93A7110	Cannot execute command because device status is in h/w error.	Issue the Reset command.
93A9600	A fraud device is detected in front of card reader (Recognize by SIU)	Remove the fraud device in front of cardreader.
93A9700	Card jam error caused by the customer while inserting the card	Remove the card and issue Reset command.
9723010	Fail to connect device.	Check the device cable and connection.
9723016	Fail to receive data.	Check the device cable and connection.
9723017	Send timeout occurred.	Check the device cable and connection.
9723018	Card is jam in enterance	Remove card inside cardreader and issue the reset command
9723019	Sensor polling fail.	Check the device cable and connection.
9723040	Cannot make sensor polling thread.	Restart the ATM system. OS reboot.
9723110	Card is jam in enterance	Remove card inside cardreader and issue the reset command
9723111	Card is jam ( fail to auto recovery )	Remove card inside cardreader and issue the reset command
9723118	Cannot use encryption key because low firmware version	Update firmware to a new version.
9723120	Card is jam in inside cardreader	Remove card inside cardreader and issue the reset command
9723130	In UseReturnUserError = 2, HWERROR is handled when the USERERROR status is maintained for more than the set time (seconds).	1. Perform initialization 2. (If recovery is not possible) After removing the card from the card reader, perform initialization
9723200	Retain bin is full.	Remove card in retain bin.

## Chapter 5. CSM60

Problem Code	Problem Description	Troubleshooting
m109100	ALIGN part is open(unlocked)	1. Remount the Align Cover and execute initialization.
m109200	Cassette Cover is open(unlocked)	1. Remount the cassette Cover and execute initialization.
m109300	Upper path Cover is open(unlocked)	1. Close Upper path Cover and execute initialization
m109400	ESCROW rear path is open(unlocked)	1. Close Escrow rear path and execute initialization
m109600	Bundle path cover is open(unlocked)	1. After Bundle path cover is in place and execute initialization
m109800	Print Ink Assy is open(unlocked)	1. After Print Ink Assy is in place and execute initialization
m109B00	Media remaining at the ESCROW part	"1. Remove the residual media in the device. 2. Execute initialization."
m109D00	Media remaining at the BUNDLE part	"1. Remove the residual media in the device. 2. Execute initialization."
m109E00	Abnormal media detection or Light JAM between sensor	"1. Remove the residual media in the device. 2. Execute initialization."
m109F00	Abnormal media detection (belt path)	"1. Remove the residual media in the device. 2. Execute initialization."
m10A000	Programming error. Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m10A100	Programming error. Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m10B100	Operation timeout (CSM60)	"1. Remove the residual media in the device. 2. Execute initialization."
m10BF00	[Initialize] Operation timeout(CST or BUNDLE)	"1. Remove the residual media in the device. 2. Execute initialization."
m10C100	Operation timeout (REJECT)	"1. Remove the residual media in the device. 2. Execute initialization."
m10C200	Operation timeout (REJECT)	"1. Remove the residual media in the device. 2. Execute initialization."
m10C300	Operation timeout (ESCROW)	"1. Remove the residual media in the device. 2. Execute initialization."
m10C400	Operation timeout (ESCROW)	"1. Remove the residual media in the device. 2. Execute initialization."
m10C500	Operation timeout (ESCROW)	"1. Remove the residual media in the device. 2. Execute initialization."
m10C600	Operation timeout (ESCROW, BUNDLE)	"1. Remove the residual media in the device. 2. Execute initialization."
m10C700	Operation timeout (ESCROW)	"1. Remove the residual media in the device. 2. Execute initialization."

Problem Code	Problem Description	Troubleshooting
m10C800	Operation timeout (3WAY, PRINT)	"1. Remove the residual media in the device. 2. Execute initialization."
m10C900	Operation timeout (BUNDLE)	"1. Remove the residual media in the device. 2. Execute initialization."
m10CA00	Operation timeout (PRINT)	"1. Remove the residual media in the device. 2. Execute initialization."
m10CB00	Operation timeout (PRINT, ESCROW)	"1. Remove the residual media in the device. 2. Execute initialization."
m10D000	Bunlde modue is not inserted	1. Remount the bunddle and execute initialization.
m10D100	Escrow modue is not inserted	1. Remount the escrow and execute initialization.
m10D200	Bundle Sensor connetor is not connected	1. Remount the bunddle sensor connector and execute initialization.
m10D300	Bundle Actuator connector is not connected	1. Remount the bunddle actuator connector and execute initialization.
m10D400	F5 Fuse is open in main board(Ink Power)	1. Check the F5 Fuse of main board 2. Check the main board when the same error occurs after initialization.
m10D500	F18 Fuse is open in main board(BDM02 24V)	1. Check the F18 Fuse of main board 2. Check the main board when the same error occurs after initialization.
m10D600	F19 Fuse is open in main board(TEM01 24V)	1. Check the F19 Fuse of main board 2. Check the main board when the same error occurs after initialization.
m10D700	F4 Fuse is open in main board(MBM02 24V)	1. Check the F4 Fuse of main board 2. Check the main board when the same error occurs after initialization.
m10D800	F3 Fuse is open in main board(MBM01 24V)	1. Check the F3 Fuse of main board 2. Check the main board when the same error occurs after initialization.
m10FA00	Programming error. Invalid command sepuence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m10FB00	Programming error. Invalid command sepuence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m10FC00	Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m110100	Operation failure of Cassette (Cassette Near Full)	"1. Remove the residual media in the device. 2. Execute initialization."
m110200	Operation failure of Cassette (Cassette Full)	"1. Remove the residual media in the device. 2. Execute initialization."
m110300	Operation failure of Cassette (Cassette Bottom)	"1. Remove the residual media in the device. 2. Execute initialization."
m110400	Operation failure of Cassette (Retract Box Full)	"1. Remove the residual media in the device. 2. Execute initialization."
m110500	Sensor failure of Cassette (CSS05 & Bottom Both On Fail)	1. Check Sensor CSS05 and CSS03. 2. Execute initialization.
m111000	Operation failure of Cassette (In the Entrance, Remain media, MBS08)	"1. Remove the residual media in the device. 2. Execute initialization."

Problem Code	Problem Description	Troubleshooting
m111100	Operation failure of Cassette (CSS06 is not changed from Light)	"1. Remove the residual media in the device. 2. Execute initialization."
m111200	Operation failure of Cassette (CSS06 is not changed from Dark)	"1. Remove the residual media in the device. 2. Execute initialization."
m111300	Operation failure of Cassette (CSS04 is not changed from Light)	"1. Remove the residual media in the device. 2. Execute initialization."
m111400	Operation failure of Cassette (CSS04 is not changed from Dark)	"1. Remove the residual media in the device. 2. Execute initialization."
m111500	Operation failure of Cassette (CSS05 is not changed from Light)	"1. Remove the residual media in the device. 2. Execute initialization."
m111600	Operation failure of Cassette (Media is not moved properly, MBS08)	"1. Remove the residual media in the device. 2. Execute initialization."
m111700	Operation failure of Cassette (Media is not moved properly, MBS08)	"1. Remove the residual media in the device. 2. Execute initialization."
m111800	Operation failure of Cassette (Media is not moved properly, MBS07)	"1. Remove the residual media in the device. 2. Execute initialization."
m111900	Operation failure of Cassette (CSS05 is already On Fail)	1. Check Sensor CSS05. 2. Check the main board when the same error occurs after initialization.
m111A00	Operation failure of Cassette (Bottom is not On Fail)	1. Check Sensor CSS03. 2. Check the main board when the same error occurs after initialization.
m111B00	Operation Timeout of Cassette (push plate Down not Finished)	1. Check Sensor CSS06. 2. Check the main board when the same error occurs after initialization.
m111E00	Operation failure of Cassette (CSM01 Motor Off Fail)	1. Check CSM01 Motor and Connector 2. Check the main board when the same error occurs after initialization.
m111F00	Operation failure of Cassette (CSM02 Motor Off Fail)	1. Check CSM02 Motor and Connector 2. Check the main board when the same error occurs after initialization.
m112F00	Operation failure of Cassette (eprom write Fail)	1. Check the main board when the same error occurs after initialization.
m113000	Operation failure of Cassette (RTM01 Solenoid On Fail)	1. Check RTM01 Solenoid and Connector 2. Check the main board when the same error occurs after initialization.
m113100	[Initialize] Fail to control CST/RT gate solenoid. did not change to RT path (MBS22 Dark Fail)	"1. Remove jammed in CST/RT gate.2. Replace solenoid."
m113200	[Initialize] Fail to control CST/RT gate solenoid. did not change to CST path (MBS22 Light Fail)	"1. Remove jammed in CST/RT gate.2. Replace solenoid."
m120200	Operation failure of 3Way-Gate (MBS03 and MBS04 are not changed)	"1. Remove the residual media in the device. 2. Execute initialization."
m120300	Operation failure of 3Way-Gate (MBS03 is not changed to light from dark)	"1. Remove the residual media in the device. 2. Execute initialization."
m120400	Operation failure of 3Way-Gate (MBS03 is not changed to dark from light)	"1. Remove the residual media in the device. 2. Execute initialization."
m120500	Operation failure of 3Way-Gate (MBS03 is not changed to dark from light)	"1. Remove the residual media in the device. 2. Execute initialization."

Problem Code	Problem Description	Troubleshooting
m120600	Operation failure of 3Way-Gate (MBS04 is not changed to dark from light)	"1. Remove the residual media in the device. 2. Execute initialization."
m120700	Abnormal sensor information	"1. Remove the residual media in the device. 2. Execute initialization."
m120800	Programming error. Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m130100	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m130200	Double detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m130B00	No media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m130C00	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m130E00	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m130F00	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m131000	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m131100	Operation failure of Bundle (Shutter is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m131200	Shutter Open sensor and Closes Sensor are detected same time.	1. Check Shutter sensor part and execute initialization
m131300	Operation failure of Bundle (Bundle feeder is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m131400	Operation failure of Bundle (Bundle feeder is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m131500	Operation failure of Bundle (Bundle feeder is not moved properly)	1. Close Bundle roller part and execute initialization
m131700	Short media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m131800	Long media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m131900	Double detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m131A00	skew media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m131B00	Operation failure of Bundle (Media is not separated properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m131D00	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."

Problem Code	Problem Description	Troubleshooting
m131E00	No media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m131F00	Operation failure of Bundle	"1. Remove the residual media in Bundle.2. Execute initialization."
m132000	No media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m132100	Narrow media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m132200	Home position failure of Stack Sheet	"1. Remove the residual media in the device. 2. Execute initialization."
m132300	Operation failure of Bundle (Bundle feeder is not moved properly)	"1. Remove the residual media in the device. 2. Execute initialization."
m132400	Operation failure of Bundle (Bundle feeder is not moved properly)	"1. Remove the residual media in the device. 2. Execute initialization."
m133000	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m134100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."
m134200	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m134300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m134400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."
m134500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m134600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m134700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m134800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m134900	Operation failure of Bundle (Media is not moved properly, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m134A00	[Initialize] Operation failure of Bundle (Shutter Close Fail, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."
m134B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m134C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m134D00	Operation failure of Bundle (Media is not moved properly, BDS15)	"1. Remove the media in Bundle and check the sensor(BDS15).9. Do the Initialize."

Problem Code	Problem Description	Troubleshooting
m134E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m134F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m135100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."
m135200	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m135300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m135400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."
m135500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m135600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m135700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m135800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m135900	Operation failure of Bundle (Media is not moved properly, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m135A00	[Initialize] Operation failure of Bundle (Shutter Open Fail, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."
m135B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m135C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m135D00	Operation failure of Bundle (Media is not moved properly, BDS15)	"1. Remove the media in Bundle and check the sensor(BDS15).9. Do the Initialize."
m135E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m135F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m136100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."
m136200	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m136300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m136400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."

Problem Code	Problem Description	Troubleshooting
m136500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m136600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m136700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m136800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m136900	Operation failure of Bundle (Media is not moved properly, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m136A00	Operation failure of Bundle (Media is not moved properly, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."
m136B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m136C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m136D00	Operation failure of Bundle (Media is not moved properly, BDS15)	"1. Remove the media in Bundle and check the sensor(BDS15).9. Do the Initialize."
m136E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m136F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m137100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."
m137300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m137400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m137500	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."
m137500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m137600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m137700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m137800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m137900	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m137A00	Operation failure of Bundle (Media is not moved properly, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."

Problem Code	Problem Description	Troubleshooting
m137B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m137C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m137D00	Operation failure of Bundle (Media is not moved properly, BDS15)	"1. Remove the media in Bundle and check the sensor(BDS15).9. Do the Initialize."
m137E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m137F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m138100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."
m138200	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m138300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m138400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."
m138500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m138600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m138700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m138800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m138900	Operation failure of Bundle (Media is not moved properly, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m138A00	Operation failure of Bundle (Media is not moved properly, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."
m138B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m138C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m138D00	Operation failure of Bundle (Media is not moved properly, BDS15)	"1. Remove the media in Bundle and check the sensor(BDS15).9. Do the Initialize."
m138E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m138F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m139100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."

Problem Code	Problem Description	Troubleshooting
m139200	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m139300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m139400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."
m139500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m139600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m139700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m139800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m139900	Operation failure of Bundle (Media is not moved properly, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m139A00	Operation failure of Bundle (Media is not moved properly, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."
m139B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m139C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m139D00	Operation failure of Bundle (Remain Media)	"1. Remove the media in Bundle. 2. Do the Initialize." "9. Do the Initialize."
m139E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m139F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m150100	Operation failure of Escrow(In the Entrance, Remain media, TES02)	"1. Check the Escrow internal and entrance residual.2. After the remove media and tape condition check, do the initialize."
m150200	Operation failure of Escrow(In the Entrance, Remain media, TES01)	"1. Check the Escrow internal residual.2. After the remove media and tape condition check, do the initialize."
m150300	Operation failure of Escrow(Media is not moved properly, TES03)	"1. Check the Escrow tape condition.2. After the tape and sensor(TES03) condition check, do the initialize."
m150500	Operation failure of Escrow(Escrow Enterance Dark Jam(MBS02/TES02))	"1. Check the Escrow internal and entrance residual.2. After the remove media and tape condition check, do the initialize."
m150600	Abnormal sensor information(Tape end is detected, TES04)	"1. Check the Escrow tape condition.2. After the tape and sensor(TES04) condition check, do the initialize."
m150800	Operation failure of Escrow(Tape start check failure(dark failure), TES03)	"1. Check the Escrow tape condition.2. After the tape and sensor(TES03) condition check, do the initialize."
m151200	Abnormal sensor information(Drum empty check sensor light, TES01)	"1. Remove the media in Escrow.2. After the sensor(TES01) condition check, do the initialize."

Problem Code	Problem Description	Troubleshooting
m151300	Abnormal sensor information(Tape start check sensor dark, TES03 )	"1. Check the Escrow tape condition.2. After the tape and sensor(TES03) condition check, do the initialize."
m151500	Abnormal sensor information(Drum empty check sensor lighth, TES01)	1. After the Escrow internal residual and sensor(TES01) condition check, do the initialize.
m151600	Abnormal sensor information(TES03, TES04 Sensor detection at the sametime)	1. Check the Escrow tape condition and sensor(TES03, TES04).
m151700	Abnormal sensor information(Tape end is detected, TES04)	"1. Check the Escrow tape condition.2. After the tape and sensor(TES04) condition check, do the initialize."
m151800	Operation failure of Escrow(Entrance Sensor Light Jam, TES02)	"1. Check the Escrow internal media condition.2. After the tape and sensor(TES02) condition check, do the initialize."
m152000	Operation failure of Escrow(Entrance Sensor Dark Jam, TES02)	"1. Check the Escrow internal media condition.2. After the tape and sensor(TES02) condition check, do the initialize."
m152100	Operation failure of Escrow(Media is not moved properly, TES03)	"1. Check the Escrow tape condition.2. After the tape and sensor(TES03) condition check, do the initialize."
m160100	Operation failure of Alignment (Roller is not moved properly, ALS03)	"1. Remove the residual media in the device. 2. Execute initialization."
m160200	Operation failure of Alignment (Roller is not moved properly, ALS03)	"1. Remove the residual media in the device. 2. Execute initialization."
m160300	Operation failure of Alignment (Roller is not moved properly, ALS04)	"1. Remove the residual media in the device. 2. Execute initialization."
m160400	Operation failure of Alignment (Roller is not moved properly, ALS04)	"1. Remove the residual media in the device. 2. Execute initialization."
m170100	Operation failure of Print(Cap Open position move Failed, PRS01)	"1. Check residual medium on the conveying path.2. Motor-driven and check a sensor(PSS06)."
m170200	Operation failure of Print(Cap Close position move Failed, PRS01)	"1. Check residual medium on the conveying path.2. Motor-driven and check a sensor(PSS06)."
m170300	Operation failure of Print(Prefire position move Failed, PRS01)	"1. Check residual medium on the conveying path.2. Motor-driven and check a sensor(PSS06)."
m180100	Operation timeout (MICR)	1. Check the Micr Header and Connector. 2. Check the main board when the same error occurs after initialization.
m180200	Sensor failure of MICR	1. Check the Micr Header and Connector. 2. Check the main board when the same error occurs after initialization.
m181100	Operation timeout (MICR)	1. Check the Micr Header and Connector. 2. Check the main board when the same error occurs after initialization.
m1B2100	[Initialize] Jam on path (MBS01 dark jam)	Check the path & remove jammed.
m1B2200	[Initialize] Jam on path (MBS06 dark jam)	Check the path & remove jammed.
m1B2300	[Initialize] Jam on path (MBS02 dark jam)	Check the path & remove jammed.
m1B2400	[Initialize] Jam on path (TES02 dark jam)	Check the path & remove jammed.
m1B2500	[Initialize] Jam on path (MBS07 dark jam)	Check the path & remove jammed.
m1B2600	[Initialize] Jam on path (MBS08 dark jam)	Check the path & remove jammed.
m1C0100	[Initialize] Jam on path (MBS01 light jam)	Check the path & remove jammed.

Problem Code	Problem Description	Troubleshooting
m1C0200	[Initialize] Jam on path (MBS06 light jam)	Check the path & remove jammed.
m1C0300	[Initialize] Jam on path (MBS02 light jam)	Check the path & remove jammed.
m1C0400	[Initialize] Jam on path (TES02 light jam)	Check the path & remove jammed.
m1C0500	[Initialize] Jam on path (MBS07 light jam)	Check the path & remove jammed.
m1C0600	[Initialize] Jam on path (MBS08 light jam)	Check the path & remove jammed.
m1US100	sequence number invalid in bulk data	Check SP protocol
m1US300	length data invalid in bulk data	Check SP protocol
m209100	ALIGN part is open(unlocked)	1. Remount the Align Cover and execute initialization.
m209200	Cassette Cover is open(unlocked)	1. Remount the cassette Cover and execute initialization.
m209300	Upper path Cover is open(unlocked)	1. Close Upper path Cover and execute initialization
m209400	ESCROW rear path is open(unlocked)	1. Close Escrow rear path and execute initialization
m209600	Bundle path cover is open(unlocked)	1. After Bundle path cover is in place and execute initialization
m209800	Print Ink Assy is open(unlocked)	1. After Print Ink Assy is in place and execute initialization
m209F00	Abnormal media detection (belt path).	1. Remove all the notes from the device. 2. Execute initialization.
m20A000	Programming error. Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m20A100	Programming error. Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m20B100	Operation timeout (BUNDLE)	"1. Remove the residual media in the device. 2. Execute initialization."
m20B200	Operation timeout (BUNDLE)	"1. Remove the residual media in the device. 2. Execute initialization."
m20D000	Bunlde modue is not inserted	1. Remount the bunddle and execute initialization.
m20D100	Escrow modue is not inserted	1. Remount the escrow and execute initialization.
m20D200	Bundle Sensor connetor is not connected	1. Remount the bunddle sensor connector and execute initialization.
m20D300	Bundle Actuator connector is not connected	1. Remount the bunddle actuator connector and execute initialization.
m20D400	F5 Fuse is open in main board(ink Power)	1. Check the F5 Fuse of main board 2. Check the main board when the same error occurs after initialization.
m20D500	F18 Fuse is open in main board(BDM02 24V)	1. Check the F18 Fuse of main board 2. Check the main board when the same error occurs after initialization.
m20D600	F19 Fuse is open in main board(TEM01 24V)	1. Check the F19 Fuse of main board 2. Check the main board when the same error occurs after initialization.
m20D700	F4 Fuse is open in main board(MBM02 24V)	1. Check the F4 Fuse of main board 2. Check the main board when the same error occurs after initialization.

Problem Code	Problem Description	Troubleshooting
m20D800	F3 Fuse is open in main board(MBM01 24V)	1. Check the F3 Fuse of main board 2. Check the main board when the same error occurs after initialization.
m20FA00	Programming error. Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m20FB00	Programming error. Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m20FC00	Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m230100	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m230200	Double detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m230B00	No media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m230C00	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m230E00	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m230F00	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m231000	Operation failure of Bundle (Shutter is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m231100	Operation failure of Bundle (Shutter is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m231200	Shutter Open sensor and Closes Sensor are detected same time.	1. Check Shutter sensor part and execute initialization
m231300	Operation failure of Bundle (Bundle feeder is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m231400	Operation failure of Bundle (Bundle feeder is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m231500	Operation failure of Bundle (Bundle feeder is not moved properly)	1. Close Bundle roller part and execute initialization
m231700	Short media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m231800	Long media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m231900	Double detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m231A00	skew media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m231B00	Operation failure of Bundle (Media is not separated properly)	"1. Remove the residual media in Bundle.2. Execute initialization."

Problem Code	Problem Description	Troubleshooting
m231D00	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m231E00	No media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m231F00	Operation failure of Bundle	"1. Remove the residual media in Bundle.2. Execute initialization."
m232000	No media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m232100	Narrow media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m232200	Home position failure of Stack Sheet	"1. Remove the residual media in the device. 2. Execute initialization."
m232300	Operation failure of Bundle (Bundle feeder is not moved properly)	"1. Remove the residual media in the device. 2. Execute initialization."
m232400	Operation failure of Bundle (Bundle feeder is not moved properly)	"1. Remove the residual media in the device. 2. Execute initialization."
m233000	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m234100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."
m234200	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m234300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m234400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."
m234500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m234600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m234700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m234800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m234900	Operation failure of Bundle (Shutter Open Fail, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m234A00	[Shutter] Operation failure of Bundle (Shutter Close Fail, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."
m234B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m234C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."

Problem Code	Problem Description	Troubleshooting
m234D00	Operation failure of Bundle (Media is not moved properly, BDS15)	"1. Remove the media in Bundle and check the sensor(BDS15).9. Do the Initialize."
m234E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m234F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m235100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."
m235200	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m235300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m235400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."
m235500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m235600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m235700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m235800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m235900	Operation failure of Bundle (Shutter Close Fail , BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m235A00	[Shutter] Operation failure of Bundle (Shutter Open Fail, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."
m235B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m235C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m235D00	Operation failure of Bundle (Media is not moved properly, BDS15)	"1. Remove the media in Bundle and check the sensor(BDS15).9. Do the Initialize."
m235E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m235F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m236100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."
m236200	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m236300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."

Problem Code	Problem Description	Troubleshooting
m236400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."
m236500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m236600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m236700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m236800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m236900	Operation failure of Bundle (Media is not moved properly, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m236A00	Operation failure of Bundle (Media is not moved properly, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."
m236B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m236C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m236D00	Operation failure of Bundle (Media is not moved properly, BDS15)	"1. Remove the media in Bundle and check the sensor(BDS15).9. Do the Initialize."
m236E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m236F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m237100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."
m237300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m237400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m237500	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."
m237500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m237600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m237700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m237800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m237900	Operation failure of Bundle (Media is not moved properly, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."

Problem Code	Problem Description	Troubleshooting
m237A00	Operation failure of Bundle (Media is not moved properly, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."
m237B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m237C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m237D00	Operation failure of Bundle (Media is not moved properly, BDS15)	"1. Remove the media in Bundle and check the sensor(BDS15).9. Do the Initialize."
m237E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m237F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m238100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."
m238200	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m238300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m238400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."
m238500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m238600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m238700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m238800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m238900	Operation failure of Bundle (Media is not moved properly, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m238A00	Operation failure of Bundle (Media is not moved properly, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."
m238B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m238C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m238D00	Operation failure of Bundle (Media is not moved properly, BDS15)	"1. Remove the media in Bundle and check the sensor(BDS15).9. Do the Initialize."
m238E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m238F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."

Problem Code	Problem Description	Troubleshooting
m239100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."
m239200	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m239300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m239400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."
m239500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m239600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m239700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m239800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m239900	Operation failure of Bundle (Media is not moved properly, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m239A00	Operation failure of Bundle (Media is not moved properly, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."
m239B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m239C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m239D00	Operation failure of Bundle (Remain Media)	"1. Remove the media in Bundle. 2. Do the Initialize."9. Do the Initialize."
m239E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m239F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m270100	Operation failure of Print(Cap Open position move Failed, PRS01)	"1. Check residual medium on the conveying path.2. Motor-driven and check a sensor(PSS06)."
m270200	Operation failure of Print(Cap Close position move Failed, PRS01)	"1. Check residual medium on the conveying path.2. Motor-driven and check a sensor(PSS06)."
m270300	Operation failure of Print(Prefire position move Failed, PRS01)	"1. Check residual medium on the conveying path.2. Motor-driven and check a sensor(PSS06)."
m2US100	sequence number invalid in bulk data	Check SP protocol
m2US300	length data invalid in bulk data	Check SP protocol
m309100	ALIGN part is open(unlocked)	1. Remount the Align Cover and execute initialization.
m309200	Cassette Cover is open(unlocked)	1. Remount the cassette Cover and execute initialization.
m309300	Upper path Cover is open(unlocked)	1. Close Upper path Cover and execute initialization

Problem Code	Problem Description	Troubleshooting
m309400	ESCROW rear path is open(unlocked)	1. Close Escrow rear path and execute initialization
m309600	Bundle path cover is open(unlocked)	1. After Bundle path cover is in place and execute initialization
m309800	Print Ink Assy is open(unlocked)	1. After Print Ink Assy is in place and execute initialization
m309D00	Media remaining at the BUNDLE part	"1. Remove the residual media in the device. 2. Execute initialization."
m309F00	Abnormal media detection (belt path)	"1. Remove the residual media in the device. 2. Execute initialization."
m30A000	Programming error. Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m30A100	Programming error. Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m30B100	Operation timeout (BUNDLE)	"1. Remove the residual media in the device. 2. Execute initialization."
m30B200	Operation timeout (BUNDLE)	"1. Remove the residual media in the device. 2. Execute initialization."
m30B300	Operation timeout (BUNDLE)	"1. Remove the residual media in the device. 2. Execute initialization."
m30B400	Operation timeout (BUNDLE)	"1. Remove the residual media in the device. 2. Execute initialization."
m30D000	Bunlde modue is not inserted	1. Remount the bunddle and execute initialization.
m30D100	Escrow modue is not inserted	1. Remount the escrow and execute initialization.
m30D200	Bundle Sensor connetor is not connected	1. Remount the bunddle sensor connector and execute initialization.
m30D300	Bundle Actuator connector is not connected	1. Remount the bunddle actuator connector and execute initialization.
m30D400	F5 Fuse is open in main board(Ink Power)	1. Check the F5 Fuse of main board 2. Check the main board when the same error occurs after initialization.
m30D500	F18 Fuse is open in main board(BDM02 24V)	1. Check the F18 Fuse of main board 2. Check the main board when the same error occurs after initialization.
m30D600	F19 Fuse is open in main board(TEM01 24V)	1. Check the F19 Fuse of main board 2. Check the main board when the same error occurs after initialization.
m30D700	F4 Fuse is open in main board(MBM02 24V)	1. Check the F4 Fuse of main board 2. Check the main board when the same error occurs after initialization.
m30D800	F3 Fuse is open in main board(MBM01 24V)	1. Check the F3 Fuse of main board 2. Check the main board when the same error occurs after initialization.
m30FA00	Programming error. Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m30FB00	Programming error. Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m30FC00	Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."

Problem Code	Problem Description	Troubleshooting
m310200	Operation failure of Cassette (Cassette Full)	"1. Remove the residual media in the device. 2. Execute initialization."
m310300	Operation failure of Cassette (Cassette Bottom)	"1. Remove the residual media in the device. 2. Execute initialization."
m330000	ESCROW is full	1. Remove the residual media in Bundle.
m330100	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m330200	Double detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m330B00	No media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m330C00	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m330E00	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m330F00	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m331000	Operation failure of Bundle (Shutter is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m331100	Operation failure of Bundle (Shutter is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m331200	Shutter Open sensor and Closes Sensor are detected same time.	1. Check Shutter sensor part and execute initialization
m331300	Operation failure of Bundle (Bundle feeder is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m331400	Operation failure of Bundle (Bundle feeder is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m331500	Operation failure of Bundle (Bundle feeder is not moved properly)	1. Close Bundle roller part and execute initialization
m331700	Short media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m331800	Long media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m331900	Double detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m331A00	skew media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m331B00	Operation failure of Bundle (Media is not separated properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m331D00	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m331E00	No media detection	"1. Remove the residual media in Bundle.2. Execute initialization."

Problem Code	Problem Description	Troubleshooting
m331F00	Operation failure of Bundle	"1. Remove the residual media in Bundle.2. Execute initialization."
m332000	No media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m332100	Narrow media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m332200	Home position failure of Stack Sheet	"1. Remove the residual media in the device. 2. Execute initialization."
m332300	Operation failure of Bundle (Bundle feeder is not moved properly)	"1. Remove the residual media in the device. 2. Execute initialization."
m332400	Operation failure of Bundle (Bundle feeder is not moved properly)	"1. Remove the residual media in the device. 2. Execute initialization."
m332500	Operation failure of Bundle (Bundle feeder is not moved properly)	"1. Remove the residual media in the device. 2. Execute initialization."
m332600	Operation failure of Bundle (Bundle feeder is not moved properly)	"1. Remove the residual media in the device. 2. Execute initialization."
m332700	[Entry In/Out] Failure of Semi pickup in bundle	Check the bundle path & remove jammed.
m332800	[Entry In/Out] insert media that not aligned in bundle	Check the media align
m332A00	Bundle operation failure (Bundle feeder does not move correctly).	1. Remove the residual media from the device.
m334100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."
m334200	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m334300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m334400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."
m334500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m334600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m334700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m334800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m334900	[Entry In/Out] Operation failure of Bundle (Shutter Open Fail, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m334A00	[Entry In/Out] Operation failure of Bundle (Shutter Close Fail, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."
m334B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."

Problem Code	Problem Description	Troubleshooting
m334C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m334D00	Operation failure of Bundle (Media is not moved properly, BDS15)	"1. Remove the media in Bundle and check the sensor(BDS15).9. Do the Initialize."
m334E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m334F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m335100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."
m335200	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m335300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m335400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."
m335500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m335600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m335700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m335800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m335900	[Entry In/Out] Operation failure of Bundle (Shutter Close Fail, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m335A00	[Entry In/Out] Operation failure of Bundle (Shutter Open Fail, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."
m335B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m335C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m335D00	Operation failure of Bundle (Media is not moved properly, BDS15)	"1. Remove the media in Bundle and check the sensor(BDS15).9. Do the Initialize."
m335E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m335F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m336100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."
m336200	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."

Problem Code	Problem Description	Troubleshooting
m336300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m336400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."
m336500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m336600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m336700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m336800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m336900	Operation failure of Bundle (Media is not moved properly, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m336A00	Operation failure of Bundle (Media is not moved properly, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."
m336B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m336C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m336D00	Operation failure of Bundle (Media is not moved properly, BDS15)	"1. Remove the media in Bundle and check the sensor(BDS15).9. Do the Initialize."
m336E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m336F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m337100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."
m337300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m337400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m337500	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."
m337500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m337600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m337700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m337800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."

Problem Code	Problem Description	Troubleshooting
m337900	Operation failure of Bundle (Media is not moved properly, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m337A00	Operation failure of Bundle (Media is not moved properly, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."
m337B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m337C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m337D00	Operation failure of Bundle (Media is not moved properly, BDS15)	"1. Remove the media in Bundle and check the sensor(BDS15).9. Do the Initialize."
m337E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m337F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m338100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."
m338200	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m338300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m338400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."
m338500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m338600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m338700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m338800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m338900	Operation failure of Bundle (Media is not moved properly, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m338A00	Operation failure of Bundle (Media is not moved properly, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."
m338B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m338C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m338D00	Operation failure of Bundle (Media is not moved properly, BDS15)	"1. Remove the media in Bundle and check the sensor(BDS15).9. Do the Initialize."
m338E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."

Problem Code	Problem Description	Troubleshooting
m338F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m339100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."
m339200	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m339300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m339400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."
m339500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m339600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m339700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m339800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m339900	Operation failure of Bundle (Media is not moved properly, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m339A00	Operation failure of Bundle (Media is not moved properly, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."
m339B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m339C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m339D00	Operation failure of Bundle (Remain Media)	"1. Remove the media in Bundle. 2. Do the Initialize."9. Do the Initialize."
m339E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m339F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m370100	Operation failure of Print(Cap Open position move Failed, PRS01)	"1. Check residual medium on the conveying path.2. Motor-driven and check a sensor(PSS06)."
m370200	Operation failure of Print(Cap Close position move Failed, PRS01)	"1. Check residual medium on the conveying path.2. Motor-driven and check a sensor(PSS06)."
m370300	Operation failure of Print(Prefire position move Failed, PRS01)	"1. Check residual medium on the conveying path.2. Motor-driven and check a sensor(PSS06)."
m3US100	sequence number invalid in bulk data	Check SP protocol
m3US300	length data invalid in bulk data	Check SP protocol
m409100	ALIGN part is open(unlocked)	1. Remount the Align Cover and execute initialization.
m409200	Cassette Cover is open(unlocked)	1. Remount the cassette Cover and execute initialization.

Problem Code	Problem Description	Troubleshooting
m409300	Upper path Cover is open(unlocked)	1. Close Upper path Cover and execute initialization
m409400	ESCROW rear path is open(unlocked)	1. Close Escrow rear path and execute initialization
m409600	Bundle path cover is open(unlocked)	1. After Bundle path cover is in place and execute initialization
m409800	Print Ink Assy is open(unlocked)	1. After Print Ink Assy is in place and execute initialization
m409E00	Abnormal media detection	"1. Remove the residual media in the device. 2. Execute initialization."
m409F00	Abnormal media detection (belt path)	"1. Remove the residual media in the device. 2. Execute initialization."
m40A000	Programming error. Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m40A100	Programming error. Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m40A800	Media Count Mismatch	1. Check the residual media in the device. 2. Call service staff
m40AC00	Media Count Mismatch	1. Check the residual media in the device. 2. Call service staff
m40B100	Operation timeout (BC Ready)	"1. Remove the residual media in the device. 2. Execute initialization."
m40B200	Operation timeout (Align Ready)	"1. Remove the residual media in the device. 2. Execute initialization."
m40B300	Operation timeout (ESCROW READY)	"1. Remove the residual media in the device. 2. Execute initialization."
m40B500	Jam at belt path	"1. Remove the residual media in the device. 2. Execute initialization."
m40B600	Jam at belt path	"1. Remove the residual media in the device. 2. Execute initialization."
m40B700	Operation timeout (Align Ready) or Jam at belt path	"1. Remove the residual media in the device. 2. Execute initialization."
m40B800	Jam at belt path	"1. Remove the residual media in the device. 2. Execute initialization."
m40B900	Jam at belt path	"1. Remove the residual media in the device. 2. Execute initialization."
m40BB00	Operation timeout (Bundle, Align)	"1. Remove the residual media in the device. 2. Execute initialization."
m40BC00	Jam at ESCROW part	"1. Remove the residual media in the device. 2. Execute initialization."
m40BD00	Jam at belt path	"1. Remove the residual media in the device. 2. Execute initialization."
m40BE00	Jam at ESCROW part	"1. Remove the residual media in the device. 2. Execute initialization."

Problem Code	Problem Description	Troubleshooting
m40C000	Operation timeout (Align Ready)	"1. Remove the residual media in the device. 2. Execute initialization."
m40C100	Operation timeout (Bundle Ready)	"1. Remove the residual media in the device. 2. Execute initialization."
m40C200	Operation timeout (Bundle)	"1. Remove the residual media in the device. 2. Execute initialization."
m40C300	Operation timeout (Bundle End, Align End)	"1. Remove the residual media in the device. 2. Execute initialization."
m40C800	Operation timeout (3WAY, PRINT)	"1. Remove the residual media in the device. 2. Execute initialization."
m40D000	Bunlde modue is not inserted	1. Remount the bunddle and execute initialization.
m40D100	Escrow modue is not inserted	1. Remount the escrow and execute initialization.
m40D200	Bundle Sensor connetor is not connected	1. Remount the bunddle sensor connector and execute initialization.
m40D300	Bundle Actuator connector is not connected	1. Remount the bunddle actuator connector and execute initialization.
m40D400	F5 Fuse is open in main board(INK Power)	1. Check the F5 Fuse of main board 2. Check the main board when the same error occurs after initialization.
m40D500	F18 Fuse is open in main board(BDM02 24V)	1. Check the F18 Fuse of main board 2. Check the main board when the same error occurs after initialization.
m40D600	F19 Fuse is open in main board(TEM01 24V)	1. Check the F19 Fuse of main board 2. Check the main board when the same error occurs after initialization.
m40D700	F4 Fuse is open in main board(MBM02 24V)	1. Check the F4 Fuse of main board 2. Check the main board when the same error occurs after initialization.
m40D800	F3 Fuse is open in main board(MBM01 24V)	1. Check the F3 Fuse of main board 2. Check the main board when the same error occurs after initialization.
m40D900	Motor Off Fail at Semi Reject (MBM01 Motor)	1. Check the MBM01 motor and Connector 2. Check the main board when the same error occurs after initialization.
m40E200	"BC Image Buffer Full.Can not scan image."	Check USB line to BC
m40FA00	Programming error. Invalid command sepuence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m40FB00	Programming error. Invalid command sepuence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m40FC00	Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m420200	Operation failure of 3Way-Gate (MBS03 and MBS04 are not changed)	"1. Remove the residual media in the device. 2. Execute initialization."
m420300	Operation failure of 3Way-Gate (MBS03 is not changed to light from dark)	"1. Remove the residual media in the device. 2. Execute initialization."
m420400	Operation failure of 3Way-Gate (MBS03 is not changed to dark from light)	"1. Remove the residual media in the device. 2. Execute initialization."

Problem Code	Problem Description	Troubleshooting
m420500	Operation failure of 3Way-Gate (MBS04 is not changed to light from dark)	"1. Remove the residual media in the device. 2. Execute initialization."
m420600	Operation failure of 3Way-Gate (MBS04 is not changed to dark from light)	"1. Remove the residual media in the device. 2. Execute initialization."
m420700	Abnormal sensor information	"1. Remove the residual media in the device. 2. Execute initialization."
m420800	Programming error. Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m430000	ESCROW is full	1. Remove the residual media in Bundle.
m430100	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m430200	Double detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m430B00	No media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m430C00	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m430E00	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m430F00	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m431000	Operation failure of Bundle (Shutter is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m431100	Operation failure of Bundle (Shutter is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m431200	Shutter Open sensor and Closes Sensor are detected same time.	1. Check Shutter sensor part and execute initialization
m431300	Operation failure of Bundle (Bundle feeder is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m431400	Operation failure of Bundle (Bundle feeder is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m431500	Operation failure of Bundle (Bundle feeder is not moved properly)	1. Close Bundle roller part and execute initialization
m431700	Short media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m431800	Long media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m431900	Double detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m431A00	skew media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m431B00	Operation failure of Bundle (Media is not separated properly)	"1. Remove the residual media in Bundle.2. Execute initialization."

Problem Code	Problem Description	Troubleshooting
m431D00	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m431E00	No media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m431F00	Operation failure of Bundle	"1. Remove the residual media in Bundle.2. Execute initialization."
m432000	No media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m432100	Narrow media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m432200	Home position failure of Stack Sheet	"1. Remove the residual media in the device. 2. Execute initialization."
m432300	Operation failure of Bundle (Bundle feeder is not moved properly)	"1. Remove the residual media in the device. 2. Execute initialization."
m432400	Operation failure of Bundle (Bundle feeder is not moved properly)	"1. Remove the residual media in the device. 2. Execute initialization."
m432500	Operation failure of Bundle (Bundle feeder is not moved properly)	"1. Remove the residual media in the device. 2. Execute initialization."
m432600	Operation failure of Bundle (Bundle feeder is not moved properly)	"1. Remove the residual media in the device. 2. Execute initialization."
m432700	[Depo Count] Failure of Semi pickup in bundle	Check the bundle path & remove jammed.
m432900	Bundle operation failure (Skew occurs when entering the Align).	Arrange the media and put them again.
m433000	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m434100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."
m434200	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m434300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m434400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."
m434500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m434600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m434700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m434800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m434900	[Depo-Count] Operation failure of Bundle (Shutter Open Fail, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."

Problem Code	Problem Description	Troubleshooting
m434A00	[Depo-Count] Operation failure of Bundle (Shutter Close Fail, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."
m434B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m434C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m434D00	Operation failure of Bundle (Media is not moved properly, BDS15)	"1. Remove the media in Bundle and check the sensor(BDS15).9. Do the Initialize."
m434E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m434F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m435100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."
m435200	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m435300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m435400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."
m435500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m435600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m435700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m435800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m435900	[Depo-Count] Operation failure of Bundle (Shutter Close Fail, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m435A00	[Depo-Count] Operation failure of Bundle (Shutter Open Fail, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."
m435B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m435C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m435D00	Operation failure of Bundle (Media is not moved properly, BDS15)	"1. Remove the media in Bundle and check the sensor(BDS15).9. Do the Initialize."
m435E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m435F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."

Problem Code	Problem Description	Troubleshooting
m436100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."
m436200	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m436300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m436400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."
m436500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m436600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m436700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m436800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m436900	Operation failure of Bundle (Media is not moved properly, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m436A00	Operation failure of Bundle (Media is not moved properly, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."
m436B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m436C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m436D00	Operation failure of Bundle (Media is not moved properly, BDS15)	"1. Remove the media in Bundle and check the sensor(BDS15).9. Do the Initialize."
m436E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m436F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m437100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."
m437300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m437400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m437500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m437500	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."
m437600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."

Problem Code	Problem Description	Troubleshooting
m437700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m437800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m437900	Operation failure of Bundle (Media is not moved properly, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m437A00	Operation failure of Bundle (Media is not moved properly, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."
m437B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m437C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m437D00	Operation failure of Bundle (Media is not moved properly, BDS15)	"1. Remove the media in Bundle and check the sensor(BDS15).9. Do the Initialize."
m437E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m437F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m438100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."
m438200	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m438300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m438400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."
m438500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m438600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m438700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m438800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m438900	Operation failure of Bundle (Media is not moved properly, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m438A00	Operation failure of Bundle (Media is not moved properly, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."
m438B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m438C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."

Problem Code	Problem Description	Troubleshooting
m438D00	Operation failure of Bundle (Media is not moved properly, BDS15)	"1. Remove the media in Bundle and check the sensor(BDS15).9. Do the Initialize."
m438E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m438F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m439100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."
m439200	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m439300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m439400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."
m439500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m439600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m439700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m439800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m439900	Operation failure of Bundle (Media is not moved properly, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m439A00	Operation failure of Bundle (Media is not moved properly, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."
m439B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m439C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m439D00	Operation failure of Bundle (Remain Media)	"1. Remove the media in Bundle. 2. Do the Initialize." "9. Do the Initialize."
m439E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m439F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m43E200	"BC Image Buffer Full.Can not scan image."	Check USB line to BC
m450100	Operation failure of Escrow(In the Entrance, Remain media, TES02)	"1. Check the Escrow internal and entrance residual.2. After the remove media and tape condition check, do the initialize."
m450200	Operation failure of Escrow(In the Entrance, Remain media, TES01)	"1. Check the Escrow internal residual.2. After the remove media and tape condition check, do the initialize."

Problem Code	Problem Description	Troubleshooting
m450300	Operation failure of Escrow(Media is not moved properly, TES03)	"1. Check the Escrow tape condition.2. After the tape and sensor(TES03) condition check, do the initialize."
m450500	Operation failure of Escrow(Escrow Enterance Dark Jam(MBS02/TES02))	"1. Check the Escrow internal and entrance residual.2. After the remove media and tape condition check, do the initialize."
m450600	Abnormal sensor information(Tape end is detected, TES04)	"1. Check the Escrow tape condition.2. After the tape and sensor(TES04) condition check, do the initialize."
m450800	Operation failure of Escrow(Tape start check failure(dark failure), TES03)	"1. Check the Escrow tape condition.2. After the tape and sensor(TES03) condition check, do the initialize."
m451200	Abnormal sensor information(Drum empty check sensor light, TES01)	"1. Remove the media in Escrow.2. After the sensor(TES01) condition check, do the initialize."
m451300	Abnormal sensor information(Tape start check sensor dark, TES03 )	"1. Check the Escrow tape condition.2. After the tape and sensor(TES03) condition check, do the initialize."
m451500	Abnormal sensor information(Drum empty check sensor ligh, TES01)	1. After the Escrow internal residual and sensor(TES01) condition check, do the initialize.
m451600	Abnormal sensor information(TES03, TES04 Sensor detection at the sametime)	1. Check the Escrow tape condition and sensor(TES03, TES04).
m451700	Abnormal sensor information(Tape end is detected, TES04)	"1. Check the Escrow tape condition.2. After the tape and sensor(TES04) condition check, do the initialize."
m451800	Operation failure of Escrow(Entrance Sensor Light Jam, TES02)	"1. Check the Escrow internal media condition.2. After the tape and sensor(TES02) condition check, do the initialize."
m452000	Operation failure of Escrow(Entrance Sensor Dark Jam, TES02)	"1. Check the Escrow internal media condition.2. After the tape and sensor(TES02) condition check, do the initialize."
m452100	Operation failure of Escrow(Media is not moved properly, TES03)	"1. Check the Escrow tape condition.2. After the tape and sensor(TES03) condition check, do the initialize."
m460500	Operation failure of Alignment (Roller is not moved properly, ALS03)	"1. Remove the residual media in the device. 2. Execute initialization."
m460600	Operation failure of Alignment (Roller is not moved properly, ALS03)	"1. Remove the residual media in the device. 2. Execute initialization."
m460700	Operation failure of Alignment (Roller is not moved properly, ALS04)	"1. Remove the residual media in the device. 2. Execute initialization."
m460800	Operation failure of Alignment (Roller is not moved properly, ALS04)	"1. Remove the residual media in the device. 2. Execute initialization."
m460900	Operation failure of Alignment (Media is not moved properly, MBS01)	"1. Remove the residual media in the device. 2. Execute initialization."
m460A00	Operation failure of Alignment (Roller is not moved properly, RetryFail)	"1. Remove the residual media in the device. 2. Execute initialization."
m460B00	Operation failure of Alignment (Roller is not moved properly, ALS06)	"1. Remove the residual media in the device. 2. Execute initialization."
m470100	Operation failure of Print(Cap Open position move Failed, PRS01)	"1. Check residual medium on the conveying path.2. Motor-driven and check a sensor(PSS06)."
m470200	Operation failure of Print(Cap Close position move Failed, PRS01)	"1. Check residual medium on the conveying path.2. Motor-driven and check a sensor(PSS06)."

Problem Code	Problem Description	Troubleshooting
m470300	Operation failure of Print(Prefire position move Failed, PRS01)	"1. Check residual medium on the conveying path.2. Motor-driven and check a sensor(PSS06)."
m481000	Operation failure of MICR( Media is not moved properly, MBS06)	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m48A000	Programming error. Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m48A100	Programming error. Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m48FD00	Programming error. Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m48FF00	Programming error. Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m4B2100	[Depo Count] Jam on path (MBS01 dark jam)	Check the path & remove jammed.
m4B2200	[Depo Count] Jam on path (MBS06 dark jam)	Check the path & remove jammed.
m4B2300	[Depo Count] Jam on path (MBS02 dark jam)	Check the path & remove jammed.
m4B2400	[Depo Count] Jam on path (TES02 dark jam)	Check the path & remove jammed.
m4B2500	[Depo Count] Jam on path (MBS07 dark jam)	Check the path & remove jammed.
m4B2600	[Depo Count] Jam on path (MBS08 dark jam)	Check the path & remove jammed.
m4C0100	[Depo Count] Jam on path (MBS01 light jam)	Check the path & remove jammed.
m4C0200	[Depo Count] Jam on path (MBS06 light jam)	Check the path & remove jammed.
m4C0300	[Depo Count] Jam on path (MBS02 light jam)	Check the path & remove jammed.
m4C0400	[Depo Count] Jam on path (TES02 light jam)	Check the path & remove jammed.
m4C0500	[Depo Count] Jam on path (MBS07 light jam)	Check the path & remove jammed.
m4C0600	[Depo Count] Jam on path (MBS08 light jam)	Check the path & remove jammed.
m4US100	sequence number invalid in bulk data	Check SP protocol
m4US300	length data invalid in bulk data	Check SP protocol
m509100	ALIGN part is open(unlocked)	1. Remount the Align Cover and execute initialization.
m509200	Cassette Cover is open(unlocked)	1. Remount the cassette Cover and execute initialization.
m509300	Upper path Cover is open(unlocked)	1. Close Upper path Cover and execute initialization
m509400	ESCROW rear path is open(unlocked)	1. Close Escrow rear path and execute initialization
m509600	Bundle path cover is open(unlocked)	1. After Bundle path cover is in place and execute initialization
m509800	Print Ink Assy is open(unlocked)	1. After Print Ink Assy is in place and execute initialization
m509F00	Abnormal media detection (belt path)	"1. Remove the residual media in the device. 2. Execute initialization."
m50A000	Programming error. Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."

Problem Code	Problem Description	Troubleshooting
m50A100	Programming error. Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m50C100	Operation timeout (REJECT)	"1. Remove the residual media in the device. 2. Execute initialization."
m50C200	Operation timeout (REJECT)	"1. Remove the residual media in the device. 2. Execute initialization."
m50C800	Operation timeout (3WAY, PRINT)	"1. Remove the residual media in the device. 2. Execute initialization."
m50D000	Bundle module is not inserted	1. Remount the bundle and execute initialization.
m50D100	Escrow module is not inserted	1. Remount the escrow and execute initialization.
m50D200	Bundle Sensor connector is not connected	1. Remount the bundle sensor connector and execute initialization.
m50D300	Bundle Actuator connector is not connected	1. Remount the bundle actuator connector and execute initialization.
m50D400	F5 Fuse is open in main board(Ink Power)	1. Check the F5 Fuse of main board 2. Check the main board when the same error occurs after initialization.
m50D500	F18 Fuse is open in main board(BDM02 24V)	1. Check the F18 Fuse of main board 2. Check the main board when the same error occurs after initialization.
m50D600	F19 Fuse is open in main board(TEM01 24V)	1. Check the F19 Fuse of main board 2. Check the main board when the same error occurs after initialization.
m50D700	F4 Fuse is open in main board(MBM02 24V)	1. Check the F4 Fuse of main board 2. Check the main board when the same error occurs after initialization.
m50D800	F3 Fuse is open in main board(MBM01 24V)	1. Check the F3 Fuse of main board 2. Check the main board when the same error occurs after initialization.
m50FA00	Programming error. Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m50FB00	Programming error. Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m50FC00	Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m530100	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m530200	Double detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m530B00	No media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m530C00	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m530E00	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m530F00	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."

Problem Code	Problem Description	Troubleshooting
m531000	Operation failure of Bundle (Shutter is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m531100	Operation failure of Bundle (Shutter is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m531200	Shutter Open sensor and Closes Sensor are detected same time.	1. Check Shutter sensor part and execute initialization
m531300	Operation failure of Bundle (Bundle feeder is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m531400	Operation failure of Bundle (Bundle feeder is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m531500	Operation failure of Bundle (Bundle feeder is not moved properly)	1. Close Bundle roller part and execute initialization
m531700	Short media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m531800	Long media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m531900	Double detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m531A00	skew media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m531B00	Operation failure of Bundle (Media is not separated properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m531D00	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m531E00	No media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m531F00	Operation failure of Bundle	"1. Remove the residual media in Bundle.2. Execute initialization."
m532000	No media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m532100	Narrow media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m532200	Home position failure of Stack Sheet	"1. Remove the residual media in the device. 2. Execute initialization."
m532300	Operation failure of Bundle (Bundle feeder is not moved properly)	"1. Remove the residual media in the device. 2. Execute initialization."
m532400	Operation failure of Bundle (Bundle feeder is not moved properly)	"1. Remove the residual media in the device. 2. Execute initialization."
m533000	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m534100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."

Problem Code	Problem Description	Troubleshooting
m534200	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m534300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m534400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."
m534500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m534600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m534700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m534800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m534900	[Reject] Operation failure of Bundle (Shutter Open Fail, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m534A00	[Reject] Operation failure of Bundle (Shutter Close Fail, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."
m534B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m534C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m534D00	Operation failure of Bundle (Media is not moved properly, BDS15)	"1. Remove the media in Bundle and check the sensor(BDS15).9. Do the Initialize."
m534E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m534F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m535100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."
m535200	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m535300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m535400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."
m535500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m535600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m535700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."

Problem Code	Problem Description	Troubleshooting
m535800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m535900	[Reject] Operation failure of Bundle (Shutter Close Fail, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m535A00	[Reject] Operation failure of Bundle (Shutter Open Fail, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."
m535B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m535C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m535D00	Operation failure of Bundle (Media is not moved properly, BDS15)	"1. Remove the media in Bundle and check the sensor(BDS15).9. Do the Initialize."
m535E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m535F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m536100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."
m536200	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m536300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m536400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."
m536500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m536600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m536700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m536800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m536900	Operation failure of Bundle (Media is not moved properly, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m536A00	Operation failure of Bundle (Media is not moved properly, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."
m536B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m536C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m536D00	Operation failure of Bundle (Media is not moved properly, BDS15)	"1. Remove the media in Bundle and check the sensor(BDS15).9. Do the Initialize."

Problem Code	Problem Description	Troubleshooting
m536E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m536F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m537100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."
m537300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m537400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m537500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m537500	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."
m537600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m537700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m537800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m537900	Operation failure of Bundle (Media is not moved properly, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m537A00	Operation failure of Bundle (Media is not moved properly, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."
m537B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m537C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m537D00	Operation failure of Bundle (Media is not moved properly, BDS15)	"1. Remove the media in Bundle and check the sensor(BDS15).9. Do the Initialize."
m537E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m537F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m538100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."
m538200	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m538300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m538400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."

Problem Code	Problem Description	Troubleshooting
m538500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m538600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m538700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m538800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m538900	Operation failure of Bundle (Media is not moved properly, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m538A00	Operation failure of Bundle (Media is not moved properly, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."
m538B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m538C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m538D00	Operation failure of Bundle (Media is not moved properly, BDS15)	"1. Remove the media in Bundle and check the sensor(BDS15).9. Do the Initialize."
m538E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m538F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m539100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."
m539200	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m539300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m539400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."
m539500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m539600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m539700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m539800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m539900	Operation failure of Bundle (Media is not moved properly, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m539A00	Operation failure of Bundle (Media is not moved properly, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."

Problem Code	Problem Description	Troubleshooting
m539B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m539C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m539D00	Operation failure of Bundle (Remain Media)	"""1. Remove the media in Bundle. 2. Do the Initialize."""9. Do the Initialize."
m539E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m539F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m550100	Operation failure of Escrow(In the Entrance, Remain media, TES02)	"1. Check the Escrow internal and entrance residual.2. After the remove media and tape condition check, do the initialize."
m550200	Operation failure of Escrow(In the Entrance, Remain media, TES01)	"1. Check the Escrow internal residual.2. After the remove media and tape condition check, do the initialize."
m550300	Operation failure of Escrow(Media is not moved properly, TES03)	"1. Check the Escrow tape condition.2. After the tape and sensor(TES03) condition check, do the initialize."
m550500	Operation failure of Escrow(Escrow Enterance Dark Jam(MBS02/TES02))	"1. Check the Escrow internal and entrance residual.2. After the remove media and tape condition check, do the initialize."
m550600	Abnormal sensor information(Tape end is detected, TES04)	"1. Check the Escrow tape condition.2. After the tape and sensor(TES04) condition check, do the initialize."
m550800	Operation failure of Escrow(Tape start check failure(dark failure), TES03)	"1. Check the Escrow tape condition.2. After the tape and sensor(TES03) condition check, do the initialize."
m551200	Abnormal sensor information(Drum empty check sensor light, TES01)	"1. Remove the media in Escrow.2. After the sensor(TES01) condition check, do the initialize."
m551300	Abnormal sensor information(Tape start check sensor dark, TES03 )	"1. Check the Escrow tape condition.2. After the tape and sensor(TES03) condition check, do the initialize."
m551500	Abnormal sensor information(Drum empty check sensor ligh, TES01)	1. After the Escorw internal residual and sensor(TES01) condition check, do the initialize.
m551600	Abnormal sensor information(TES03, TES04 Sensor detection at the sametime)	1. Check the Escorw tape condition and sensor(TES03, TES04).
m551700	Abnormal sensor information(Tape end is detected, TES04)	"1. Check the Escrow tape condition.2. After the tape and sensor(TES04) condition check, do the initialize."
m551800	Operation failure of Escrow(Entrance Sensor Light Jam, TES02)	"1. Check the Escrow internal media condition.2. After the tape and sensor(TES02) condition check, do the initialize."
m552000	Operation failure of Escrow(Entrance Sensor Dark Jam, TES02)	"1. Check the Escrow internal media condition.2. After the tape and sensor(TES02) condition check, do the initialize."
m552100	Operation failure of Escrow(Media is not moved properly, TES03)	"1. Check the Escrow tape condition.2. After the tape and sensor(TES03) condition check, do the initialize."
m570100	Operation failure of Print(Cap Open position move Failed, PRS01)	"1. Check residual medium on the conveying path.2. Motor-driven and check a sensor(PSS06)."
m570200	Operation failure of Print(Cap Close position move Failed, PRS01)	"1. Check residual medium on the conveying path.2. Motor-driven and check a sensor(PSS06)."

Problem Code	Problem Description	Troubleshooting
m570300	Operation failure of Print(Prefire position move Failed, PRS01)	"1. Check residual medium on the conveying path2. Motor-driven and check a sensor(PSS06)."
m5US100	sequence number invalid in bulk data	Check SP protocol
m5US300	length data invalid in bulk data	Check SP protocol
m609100	ALIGN part is open(unlocked)	1. Remount the Align Cover and execute initialization.
m609200	Cassette Cover is open(unlocked)	1. Remount the cassette Cover and execute initialization.
m609300	Upper path Cover is open(unlocked)	1. Close Upper path Cover and execute initialization
m609400	ESCROW rear path is open(unlocked)	1. Close Escrow rear path and execute initialization
m609600	Bundle path cover is open(unlocked)	1. After Bundle path cover is in place and execute initialization
m609800	Print Ink Assy is open(unlocked)	1. After Print Ink Assy is in place and execute initialization
m609E00	Abnormal media detection	"1. Remove the residual media in the device. 2. Execute initialization."
m609F00	Abnormal media detection (belt path)	"1. Remove the residual media in the device. 2. Execute initialization."
m60A000	Programming error. Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m60A100	Programming error. Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m60A800	Media Count Mismatch	1. Check the residual media in the device. 2. Call service staff
m60A900	Media Count Mismatch	1. Check the residual media in the device. 2. Call service staff
m60AA00	Media Count Mismatch	1. Check the residual media in the device. 2. Call service staff
m60C300	Operation timeout (ESCROW)	"1. Remove the residual media in the device. 2. Execute initialization."
m60C400	Operation timeout (ESCROW)	"1. Remove the residual media in the device. 2. Execute initialization."
m60C500	Operation timeout (ESCROW)	"1. Remove the residual media in the device. 2. Execute initialization."
m60C800	Operation timeout (3WAY, PRINT)	"1. Remove the residual media in the device. 2. Execute initialization."
m60D000	Bundle module is not inserted	1. Remount the bundle and execute initialization.
m60D100	Escrow module is not inserted	1. Remount the escrow and execute initialization.
m60D200	Bundle Sensor connector is not connected	1. Remount the bundle sensor connector and execute initialization.
m60D300	Bundle Actuator connector is not connected	1. Remount the bundle actuator connector and execute initialization.

Problem Code	Problem Description	Troubleshooting
m60D400	F5 Fuse is open in main board(Ink Power)	1. Check the F5 Fuse of main board 2. Check the main board when the same error occurs after initialization.
m60D500	F18 Fuse is open in main board(BDM02 24V)	1. Check the F18 Fuse of main board 2. Check the main board when the same error occurs after initialization.
m60D600	F19 Fuse is open in main board(TEM01 24V)	1. Check the F19 Fuse of main board 2. Check the main board when the same error occurs after initialization.
m60D700	F4 Fuse is open in main board(MBM02 24V)	1. Check the F4 Fuse of main board 2. Check the main board when the same error occurs after initialization.
m60D800	F3 Fuse is open in main board(MBM01 24V)	1. Check the F3 Fuse of main board 2. Check the main board when the same error occurs after initialization.
m60FA00	Programming error. Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m60FB00	Programming error. Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m60FC00	Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m620200	Operation failure of 3Way-Gate (MBS03 and MBS04 are not changed)	"1. Remove the residual media in the device. 2. Execute initialization."
m620300	Operation failure of 3Way-Gate (MBS03 is not changed to light from dark)	"1. Remove the residual media in the device. 2. Execute initialization."
m620400	Operation failure of 3Way-Gate (MBS03 is not changed to dark from light)	"1. Remove the residual media in the device. 2. Execute initialization."
m620500	Operation failure of 3Way-Gate (MBS04 is not changed to light from dark)	"1. Remove the residual media in the device. 2. Execute initialization."
m620600	Operation failure of 3Way-Gate (MBS04 is not changed to dark from light)	"1. Remove the residual media in the device. 2. Execute initialization."
m620700	Abnormal sensor information	"1. Remove the residual media in the device. 2. Execute initialization."
m620800	Programming error. Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m630100	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m630200	Double detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m630B00	No media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m630C00	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m630E00	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m630F00	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."

Problem Code	Problem Description	Troubleshooting
m631000	Operation failure of Bundle (Shutter is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m631100	Operation failure of Bundle (Shutter is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m631200	Shutter Open sensor and Closes Sensor are detected same time.	1. Check Shutter sensor part and execute initialization
m631300	Operation failure of Bundle (Bundle feeder is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m631400	Operation failure of Bundle (Bundle feeder is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m631500	Operation failure of Bundle (Bundle feeder is not moved properly)	1. Close Bundle roller part and execute initialization
m631700	Short media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m631800	Long media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m631900	Double detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m631A00	skew media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m631B00	Operation failure of Bundle (Media is not separated properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m631D00	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m631E00	No media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m631F00	Operation failure of Bundle	"1. Remove the residual media in Bundle.2. Execute initialization."
m632000	No media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m632100	Narrow media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m632200	Home position failure of Stack Sheet	"1. Remove the residual media in the device. 2. Execute initialization."
m632300	Operation failure of Bundle (Bundle feeder is not moved properly)	"1. Remove the residual media in the device. 2. Execute initialization."
m632400	Operation failure of Bundle (Bundle feeder is not moved properly)	"1. Remove the residual media in the device. 2. Execute initialization."
m633000	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m634100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."

Problem Code	Problem Description	Troubleshooting
m634200	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m634300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m634400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."
m634500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m634600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m634700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m634800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m634900	[Cancel] Operation failure of Bundle (Shutter Open Fail, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m634A00	[Cancel] Operation failure of Bundle (Shutter Close Fail, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."
m634B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m634C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m634D00	Operation failure of Bundle (Media is not moved properly, BDS15)	"1. Remove the media in Bundle and check the sensor(BDS15).9. Do the Initialize."
m634E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m634F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m635100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."
m635200	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m635300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m635400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."
m635500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m635600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m635700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."

Problem Code	Problem Description	Troubleshooting
m635800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m635900	[Cancel] Operation failure of Bundle (Shutter Close Fail, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m635A00	[Cancel] Operation failure of Bundle (Shutter Open Fail, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."
m635B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m635C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m635D00	Operation failure of Bundle (Media is not moved properly, BDS15)	"1. Remove the media in Bundle and check the sensor(BDS15).9. Do the Initialize."
m635E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m635F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m636100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."
m636200	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m636300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m636400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."
m636500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m636600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m636700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m636800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m636900	Operation failure of Bundle (Media is not moved properly, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m636A00	Operation failure of Bundle (Media is not moved properly, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."
m636B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m636C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m636D00	Operation failure of Bundle (Media is not moved properly, BDS15)	"1. Remove the media in Bundle and check the sensor(BDS15).9. Do the Initialize."

Problem Code	Problem Description	Troubleshooting
m636E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m636F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m637100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."
m637300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m637400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m637500	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."
m637500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m637600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m637700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m637800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m637900	Operation failure of Bundle (Media is not moved properly, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m637A00	Operation failure of Bundle (Media is not moved properly, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."
m637B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m637C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m637D00	Operation failure of Bundle (Media is not moved properly, BDS15)	"1. Remove the media in Bundle and check the sensor(BDS15).9. Do the Initialize."
m637E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m637F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m638100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."
m638200	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m638300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m638400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."

Problem Code	Problem Description	Troubleshooting
m638500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m638600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m638700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m638800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m638900	Operation failure of Bundle (Media is not moved properly, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m638A00	Operation failure of Bundle (Media is not moved properly, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."
m638B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m638C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m638D00	Operation failure of Bundle (Media is not moved properly, BDS15)	"1. Remove the media in Bundle and check the sensor(BDS15).9. Do the Initialize."
m638E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m638F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m639100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."
m639200	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m639300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m639400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."
m639500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m639600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m639700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m639800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m639900	Operation failure of Bundle (Media is not moved properly, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m639A00	Operation failure of Bundle (Media is not moved properly, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."

Problem Code	Problem Description	Troubleshooting
m639B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m639C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m639D00	Operation failure of Bundle (Remain Media)	"""1. Remove the media in Bundle. 2. Do the Initialize."""9. Do the Initialize."
m639E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m639F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m650100	Operation failure of Escrow(In the Entrance, Remain media, TES02)	"1. Check the Escrow internal and entrance residual.2. After the remove media and tape condition check, do the initialize."
m650200	Operation failure of Escrow(In the Entrance, Remain media, TES01)	"1. Check the Escrow internal residual.2. After the remove media and tape condition check, do the initialize."
m650300	Operation failure of Escrow(Media is not moved properly, TES03)	"1. Check the Escrow tape condition.2. After the tape and sensor(TES03) condition check, do the initialize."
m650500	Operation failure of Escrow(Escrow Enterance Dark Jam(MBS02/TES02))	"1. Check the Escrow internal and entrance residual.2. After the remove media and tape condition check, do the initialize."
m650600	Abnormal sensor information(Tape end is detected, TES04)	"1. Check the Escrow tape condition.2. After the tape and sensor(TES04) condition check, do the initialize."
m650800	Operation failure of Escrow(Tape start check failure(dark failure), TES03)	"1. Check the Escrow tape condition.2. After the tape and sensor(TES03) condition check, do the initialize."
m651200	Abnormal sensor information(Drum empty check sensor light, TES01)	"1. Remove the media in Escrow.2. After the sensor(TES01) condition check, do the initialize."
m651300	Abnormal sensor information(Tape start check sensor dark, TES03 )	"1. Check the Escrow tape condition.2. After the tape and sensor(TES03) condition check, do the initialize."
m651500	Abnormal sensor information(Drum empty check sensor ligh, TES01)	1. After the Escorw internal residual and sensor(TES01) condition check, do the initialize.
m651600	Abnormal sensor information(TES03, TES04 Sensor detection at the sametime)	1. Check the Escorw tape condition and sensor(TES03, TES04).
m651700	Abnormal sensor information(Tape end is detected, TES04)	"1. Check the Escrow tape condition.2. After the tape and sensor(TES04) condition check, do the initialize."
m651800	Operation failure of Escrow(Entrance Sensor Light Jam, TES02)	"1. Check the Escrow internal media condition.2. After the tape and sensor(TES02) condition check, do the initialize."
m652000	Operation failure of Escrow(Entrance Sensor Dark Jam, TES02)	"1. Check the Escrow internal media condition.2. After the tape and sensor(TES02) condition check, do the initialize."
m652100	Operation failure of Escrow(Media is not moved properly, TES03)	"1. Check the Escrow tape condition.2. After the tape and sensor(TES03) condition check, do the initialize."
m670100	Operation failure of Print(Cap Open position move Failed, PRS01)	"1. Check residual medium on the conveying path.2. Motor-driven and check a sensor(PSS06)."
m670200	Operation failure of Print(Cap Close position move Failed, PRS01)	"1. Check residual medium on the conveying path.2. Motor-driven and check a sensor(PSS06)."

Problem Code	Problem Description	Troubleshooting
m670300	Operation failure of Print(Prefire position move Failed, PRS01)	"1. Check residual medium on the conveying path.2. Motor-driven and check a sensor(PSS06)."
m6B2100	[Cancel] Jam on path (MBS01 dark jam)	Check the path & remove jammed.
m6B2200	[Cancel] Jam on path (MBS06 dark jam)	Check the path & remove jammed.
m6B2300	[Cancel] Jam on path (MBS02 dark jam)	Check the path & remove jammed.
m6B2400	[Cancel] Jam on path (TES02 dark jam)	Check the path & remove jammed.
m6B2500	[Cancel] Jam on path (MBS07 dark jam)	Check the path & remove jammed.
m6B2600	[Cancel] Jam on path (MBS08 dark jam)	Check the path & remove jammed.
m6C0100	[Cancel] Jam on path (MBS01 light jam)	Check the path & remove jammed.
m6C0200	[Cancel] Jam on path (MBS06 light jam)	Check the path & remove jammed.
m6C0300	[Cancel] Jam on path (MBS02 light jam)	Check the path & remove jammed.
m6C0400	[Cancel] Jam on path (TES02 light jam)	Check the path & remove jammed.
m6C0500	[Cancel] Jam on path (MBS07 light jam)	Check the path & remove jammed.
m6C0600	[Cancel] Jam on path (MBS08 light jam)	Check the path & remove jammed.
m6US100	sequence number invalid in bulk data	Check SP protocol
m6US300	length data invalid in bulk data	Check SP protocol
m709100	ALIGN part is open(unlocked)	1. Remount the Align Cover and execute initialization.
m709200	Cassette Cover is open(unlocked)	1. Remount the cassette Cover and execute initialization.
m709300	Upper path Cover is open(unlocked)	1. Close Upper path Cover and execute initialization
m709400	ESCROW rear path is open(unlocked)	1. Close Escrow rear path and execute initialization
m709600	Bundle path cover is open(unlocked)	1. After Bundle path cover is in place and execute initialization
m709800	Print Ink Assy is open(unlocked)	1. After Print Ink Assy is in place and execute initialization
m709E00	Abnormal media detection	"1. Remove the residual media in the device. 2. Execute initialization."
m709F00	Abnormal media detection (belt path)	"1. Remove the residual media in the device. 2. Execute initialization."
m70A000	Programming error. Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m70A100	Programming error. Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m70B100	Operation timeout (ESCROW)	"1. Remove the residual media in the device. 2. Execute initialization."
m70B200	Operation timeout (3WAY or PRT)	"1. Remove the residual media in the device. 2. Execute initialization."
m70B400	[Depo Ok] empty escrow module (TES02 Light Jam)	1. check escrow module 2. Initialize

Problem Code	Problem Description	Troubleshooting
m70B500	Jam at REJECT part	"1. Remove the residual media in the device. 2. Execute initialization."
m70B600	Jam at ESCROW part	"1. Remove the residual media in the device. 2. Execute initialization."
m70B700	Jam at 3WAY part	"1. Remove the residual media in the device. 2. Execute initialization."
m70B800	Jam at REJECT part	"1. Remove the residual media in the device. 2. Execute initialization."
m70B900	Jam at ESCROW part	"1. Remove the residual media in the device. 2. Execute initialization."
m70BA00	Jam at 3WAY part	"1. Remove the residual media in the device. 2. Execute initialization."
m70BB00	Jam at PRINTER part	"1. Remove the residual media in the device. 2. Execute initialization."
m70BC00	Jam at PRINTER part	"1. Remove the residual media in the device. 2. Execute initialization."
m70BD00	Jam at CST part	1. Remount the cassette Cover and execute initialization.
m70BE00	Jam at CST part	1. Remount the cassette Cover and execute initialization.
m70BF00	Operation timeout(CST or BUNDLE)	"1. Remove the residual media in the device. 2. Execute initialization."
m70C800	Operation timeout (3WAY, PRINT)	"1. Remove the residual media in the device. 2. Execute initialization."
m70D000	Bunlde modue is not inserted	1. Remount the bunddle and execute initialization.
m70D100	Escrow modue is not inserted	1. Remount the escrow and execute initialization.
m70D200	Bundle Sensor connetor is not connected	1. Remount the bunddle sensor connector and execute initialization.
m70D300	Bundle Actuator connector is not connected	1. Remount the bunddle actuator connector and execute initialization.
m70D400	F5 Fuse is open in main board(INK Power)	1. Check the F5 Fuse of main board 2. Check the main board when the same error occurs after initialization.
m70D500	F18 Fuse is open in main board(BDM02 24V)	1. Check the F18 Fuse of main board 2. Check the main board when the same error occurs after initialization.
m70D600	F19 Fuse is open in main board(TEM01 24V)	1. Check the F19 Fuse of main board 2. Check the main board when the same error occurs after initialization.
m70D700	F4 Fuse is open in main board(MBM02 24V)	1. Check the F4 Fuse of main board 2. Check the main board when the same error occurs after initialization.
m70D800	F3 Fuse is open in main board(MBM01 24V)	1. Check the F3 Fuse of main board 2. Check the main board when the same error occurs after initialization.
m70E000	during Deposit OK process, a check does not exist in ESC.	check command flow
m70E100	[Deposit OK] count of deposit request over than ESC count.	compare deposit count and ESC count.

Problem Code	Problem Description	Troubleshooting
m70FA00	Programming error. Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m70FB00	Programming error. Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m70FC00	Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m710100	Operation failure of Cassette (Cassette Near Full)	"1. Remove the residual media in the device. 2. Execute initialization."
m710200	Operation failure of Cassette (Cassette Full)	"1. Remove the residual media in the device. 2. Execute initialization."
m710300	Operation failure of Cassette (Cassette Bottom)	"1. Remove the residual media in the device. 2. Execute initialization."
m710400	Operation failure of Cassette (Retract Box Full)	"1. Remove the residual media in the device. 2. Execute initialization."
m710500	Sensor failure of Cassette (CSS05 & Bottom Both On Fail)	1. Check Sensor CSS05 and CSS03. 2. Execute initialization.
m711000	Operation failure of Cassette (In the Entrance, Remain media, MBS08)	"1. Remove the residual media in the device. 2. Execute initialization."
m711100	Operation failure of Cassette (CSS06 is not changed from Light)	"1. Remove the residual media in the device. 2. Execute initialization."
m711200	Operation failure of Cassette (CSS06 is not changed from Dark)	"1. Remove the residual media in the device. 2. Execute initialization."
m711300	Operation failure of Cassette (CSS04 is not changed from Light)	"1. Remove the residual media in the device. 2. Execute initialization."
m711400	Operation failure of Cassette (CSS04 is not changed from Dark)	"1. Remove the residual media in the device. 2. Execute initialization."
m711500	Operation failure of Cassette (CSS05 is not changed from Light)	"1. Remove the residual media in the device. 2. Execute initialization."
m711600	Operation failure of Cassette (Media is not moved properly, MBS08)	"1. Remove the residual media in the device. 2. Execute initialization."
m711700	Operation failure of Cassette (Media is not moved properly, MBS08)	"1. Remove the residual media in the device. 2. Execute initialization."
m711800	Operation failure of Cassette (Media is not moved properly, MBS07)	"1. Remove the residual media in the device. 2. Execute initialization."
m711900	Operation failure of Cassette (CSS05 is already On Fail)	1. Check Sensor CSS05. 2. Check the main board when the same error occurs after initialization.
7111A00	Operation failure of Cassette (Bottom is not On Fail)	1. Check Sensor CSS03. 2. Check the main board when the same error occurs after initialization.
m711B00	Operation Timeout of Cassette (push plate Down not Finished)	1. Check Sensor CSS06. 2. Check the main board when the same error occurs after initialization.
m711E00	Operation failure of Cassette (CSM01 Motor Off Fail)	1. Check CSM01 Motor and Connector 2. Check the main board when the same error occurs after initialization.

Problem Code	Problem Description	Troubleshooting
m711F00	Operation failure of Cassette (CSM02 Motor Off Fail)	1. Check CSM02 Motor and Connector 2. Check the main board when the same error occurs after initialization.
m712F00	Operation failure of Cassette (eeprom write Fail)	1. Check the main board when the same error occurs after initialization.
m713000	Operation failure of Cassette (RTM01 Solenoid On Fail)	1. Check RTM01 Solenoid and Connector 2. Check the main board when the same error occurs after initialization.
m713200	[Deposit OK] Fail to control CST/RT gate solenoid. did not change to CST path (MBS22 Light Fail)	"1. Remove jammed in CST/RT gate.2. Replace solenoid."
m720200	Operation failure of 3Way-Gate (MBS03 and MBS04 are not changed)	"1. Remove the residual media in the device. 2. Execute initialization."
m720300	Operation failure of 3Way-Gate (MBS03 is not changed to light from dark)	"1. Remove the residual media in the device. 2. Execute initialization."
m720400	Operation failure of 3Way-Gate (MBS03 is not changed to dark from light)	"1. Remove the residual media in the device. 2. Execute initialization."
m720500	Operation failure of 3Way-Gate (MBS04 is not changed to light from dark)	"1. Remove the residual media in the device. 2. Execute initialization."
m720600	Operation failure of 3Way-Gate (MBS04 is not changed to dark from light)	"1. Remove the residual media in the device. 2. Execute initialization."
m720700	Abnormal sensor information	"1. Remove the residual media in the device. 2. Execute initialization."
m720800	Programming error. Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m730100	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m730200	Double detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m730B00	No media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m730C00	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m730E00	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m730F00	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m731000	Operation failure of Bundle (Shutter is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m731100	Operation failure of Bundle (Shutter is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m731200	Shutter Open sensor and Closes Sensor are detected same time.	1. Check Shutter sensor part and execute initialization
m731300	Operation failure of Bundle (Bundle feeder is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."

Problem Code	Problem Description	Troubleshooting
m731400	Operation failure of Bundle (Bundle feeder is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m731500	Operation failure of Bundle (Bundle feeder is not moved properly)	1. Close Bundle roller part and execute initialization
m731700	Short media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m731800	Long media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m731900	Double detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m731A00	skew media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m731B00	Operation failure of Bundle (Media is not separated properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m731D00	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m731E00	No media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m731F00	Operation failure of Bundle	"1. Remove the residual media in Bundle.2. Execute initialization."
m732000	No media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m732100	Narrow media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m732200	Home position failure of Stack Sheet	"1. Remove the residual media in the device. 2. Execute initialization."
m732300	Operation failure of Bundle (Bundle feeder is not moved properly)	"1. Remove the residual media in the device. 2. Execute initialization."
m732400	Operation failure of Bundle (Bundle feeder is not moved properly)	"1. Remove the residual media in the device. 2. Execute initialization."
m733000	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m734100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."
m734200	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m734300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m734400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."
m734500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."

Problem Code	Problem Description	Troubleshooting
m734600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m734700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m734800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m734900	[Depo-Ok] Operation failure of Bundle (Shutter Open Fail, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m734A00	[Depo-Ok] Operation failure of Bundle (Shutter Close Fail, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."
m734B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m734C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m734D00	Operation failure of Bundle (Media is not moved properly, BDS15)	"1. Remove the media in Bundle and check the sensor(BDS15).9. Do the Initialize."
m734E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m734F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m735100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."
m735200	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m735300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m735400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."
m735500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m735600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m735700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m735800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m735900	[Depo-Ok] Operation failure of Bundle (Shutter Close Fail, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m735A00	[Depo-Ok] Operation failure of Bundle (Shutter Open Fail, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."
m735B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."

Problem Code	Problem Description	Troubleshooting
m735C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m735D00	Operation failure of Bundle (Media is not moved properly, BDS15)	"1. Remove the media in Bundle and check the sensor(BDS15).9. Do the Initialize."
m735E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m735F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m736100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."
m736200	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m736300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m736400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."
m736500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m736600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m736700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m736800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m736900	Operation failure of Bundle (Media is not moved properly, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m736A00	Operation failure of Bundle (Media is not moved properly, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."
m736B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m736C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m736D00	Operation failure of Bundle (Media is not moved properly, BDS15)	"1. Remove the media in Bundle and check the sensor(BDS15).9. Do the Initialize."
m736E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m736F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m737100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."
m737300	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."

Problem Code	Problem Description	Troubleshooting
m737400	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m737500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m737500	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."
m737600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m737700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m737800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m737900	Operation failure of Bundle (Media is not moved properly, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m737A00	Operation failure of Bundle (Media is not moved properly, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."
m737B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m737C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m737D00	Operation failure of Bundle (Media is not moved properly, BDS15)	"1. Remove the media in Bundle and check the sensor(BDS15).9. Do the Initialize."
m737E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m737F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m738100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."
m738200	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m738300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m738400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."
m738500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m738600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m738700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m738800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."

Problem Code	Problem Description	Troubleshooting
m738900	Operation failure of Bundle (Media is not moved properly, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m738A00	Operation failure of Bundle (Media is not moved properly, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."
m738B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m738C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m738D00	Operation failure of Bundle (Media is not moved properly, BDS15)	"1. Remove the media in Bundle and check the sensor(BDS15).9. Do the Initialize."
m738E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m738F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m739100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."
m739200	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m739300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m739400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."
m739500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m739600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m739700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m739800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m739900	Operation failure of Bundle (Media is not moved properly, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m739A00	Operation failure of Bundle (Media is not moved properly, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."
m739B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m739C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m739D00	Operation failure of Bundle (Remain Media)	"1. Remove the media in Bundle. 2. Do the Initialize." "9. Do the Initialize."
m739E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."

Problem Code	Problem Description	Troubleshooting
m739F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m750100	Operation failure of Escrow(In the Entrance, Remain media, TES02)	"1. Check the Escrow internal and entrance residual.2. After the remove media and tape condition check, do the initialize."
m750200	Operation failure of Escrow(In the Entrance, Remain media, TES01)	"1. Check the Escrow internal residual.2. After the remove media and tape condition check, do the initialize."
m750300	Operation failure of Escrow(Media is not moved properly, TES03)	"1. Check the Escrow tape condition.2. After the tape and sensor(TES03) condition check, do the initialize."
m750500	Operation failure of Escrow(Escrow Enterance Dark Jam(MBS02/TES02))	"1. Check the Escrow internal and entrance residual.2. After the remove media and tape condition check, do the initialize."
m750600	Abnormal sensor information(Tape end is detected, TES04)	"1. Check the Escrow tape condition.2. After the tape and sensor(TES04) condition check, do the initialize."
m750800	Operation failure of Escrow(Tape start check failure(dark failure), TES03)	"1. Check the Escrow tape condition.2. After the tape and sensor(TES03) condition check, do the initialize."
m751200	Abnormal sensor information(Drum empty check sensor light, TES01)	"1. Remove the media in Escrow.2. After the sensor(TES01) condition check, do the initialize."
m751300	Abnormal sensor information(Tape start check sensor dark, TES03 )	"1. Check the Escrow tape condition.2. After the tape and sensor(TES03) condition check, do the initialize."
m751500	Abnormal sensor information(Drum empty check sensor lighth, TES01)	1. After the Escrow internal residual and sensor(TES01) condition check, do the initialize.
m751600	Abnormal sensor information(TES03, TES04 Sensor detection at the sametime)	1. Check the Escrow tape condition and sensor(TES03, TES04).
m751700	Abnormal sensor information(Tape end is detected, TES04)	"1. Check the Escrow tape condition.2. After the tape and sensor(TES04) condition check, do the initialize."
m751800	Operation failure of Escrow(Entrance Sensor Light Jam, TES02)	"1. Check the Escrow internal media condition.2. After the tape and sensor(TES02) condition check, do the initialize."
m752000	Operation failure of Escrow(Entrance Sensor Dark Jam, TES02)	"1. Check the Escrow internal media condition.2. After the tape and sensor(TES02) condition check, do the initialize."
m752100	Operation failure of Escrow(Media is not moved properly, TES03)	"1. Check the Escrow tape condition.2. After the tape and sensor(TES03) condition check, do the initialize."
m770100	Operation failure of Print(Cap Open position move Failed, PRS01)	"1. Check residual medium on the conveying path.2. Motor-driven and check a sensor(PSS06)."
m770200	Operation failure of Print(Cap Close position move Failed, PRS01)	"1. Check residual medium on the conveying path.2. Motor-driven and check a sensor(PSS06)."
m770300	Operation failure of Print(Prefire position move Failed, PRS01)	"1. Check residual medium on the conveying path.2. Motor-driven and check a sensor(PSS06)."
m7B2100	[Depo OK] Jam on path (MBS01 dark jam)	Check the path & remove jammed.
m7B2200	[Depo OK] Jam on path (MBS06 dark jam)	Check the path & remove jammed.
m7B2300	[Depo OK] Jam on path (MBS02 dark jam)	Check the path & remove jammed.
m7B2400	[Depo OK] Jam on path (TES02 dark jam)	Check the path & remove jammed.

Problem Code	Problem Description	Troubleshooting
m7B2500	[Depo OK] Jam on path (MBS07 dark jam)	Check the path & remove jammed.
m7B2600	[Depo OK] Jam on path (MBS08 dark jam)	Check the path & remove jammed.
m7C0100	[Depo OK] Jam on path (MBS01 light jam)	Check the path & remove jammed.
m7C0200	[Depo OK] Jam on path (MBS06 light jam)	Check the path & remove jammed.
m7C0300	[Depo OK] Jam on path (MBS02 light jam)	Check the path & remove jammed.
m7C0400	[Depo OK] Jam on path (TES02 light jam)	Check the path & remove jammed.
m7C0500	[Depo OK] Jam on path (MBS07 light jam)	Check the path & remove jammed.
m7C0600	[Depo OK] Jam on path (MBS08 light jam)	Check the path & remove jammed.
m7US100	sequence number invalid in bulk data	Check SP protocol
m7US300	length data invalid in bulk data	Check SP protocol
m809600	Bundle path cover is open(unlocked)	1. After Bundle path cover is in place and execute initialization
m8US100	sequence number invalid in bulk data	Check SP protocol
m8US300	length data invalid in bulk data	Check SP protocol
m909100	ALIGN part is open(unlocked)	1. Remount the Align Cover and execute initialization.
m909200	Cassette Cover is open(unlocked)	1. Remount the cassette Cover and execute initialization.
m909300	Upper path Cover is open(unlocked)	1. Close Upper path Cover and execute initialization
m909400	ESCROW rear path is open(unlocked)	1. Close Escrow rear path and execute initialization
m909600	The bundle roller is unlocked.	1. Lock the bundle roller. 2. Execute initialization.
m909800	Print Ink Assy is open(unlocked)	1. After Print Ink Assy is in place and execute initialization
m909B00	Media remaining at the ESCROW part	"1. Remove the residual media in the device. 2. Execute initialization."
m909D00	Media remaining at the BUNDLE part	"1. Remove the residual media in the device. 2. Execute initialization."
m909E00	Abnormal media detection	"1. Remove the residual media in the device. 2. Execute initialization."
m909F00	Abnormal media detection (belt path)	"1. Remove the residual media in the device. 2. Execute initialization."
m90A000	Programming error. Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m90A100	Programming error. Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m90A800	Media Count Mismatch	1. Check the residual media in the device. 2. Call service staff
m90A900	Media Count Mismatch	1. Check the residual media in the device. 2. Call service staff

Problem Code	Problem Description	Troubleshooting
m90AA00	Media Count Mismatch	1. Check the residual media in the device. 2. Call service staff
m90AB00	Media Count Mismatch	1. Check the residual media in the device. 2. Call service staff
m90C100	Operation timeout (REJECT)	"1. Remove the residual media in the device. 2. Execute initialization."
m90C200	Operation timeout (REJECT)	"1. Remove the residual media in the device. 2. Execute initialization."
m90C300	Operation timeout (ESCROW)	"1. Remove the residual media in the device. 2. Execute initialization."
m90C400	Operation timeout (ESCROW)	"1. Remove the residual media in the device. 2. Execute initialization."
m90C500	Operation timeout (ESCROW)	"1. Remove the residual media in the device. 2. Execute initialization."
m90C600	Operation timeout (ESCROW, BUNDLE)	"1. Remove the residual media in the device. 2. Execute initialization."
m90C700	Operation timeout (ESCROW)	"1. Remove the residual media in the device. 2. Execute initialization."
m90C800	Operation timeout (3WAY, PRINT)	"1. Remove the residual media in the device. 2. Execute initialization."
m90C900	Operation timeout (BUNDLE)	"1. Remove the residual media in the device. 2. Execute initialization."
m90CA00	Operation timeout (PRINT)	"1. Remove the residual media in the device. 2. Execute initialization."
m90CB00	Operation timeout (PRINT, ESCROW)	"1. Remove the residual media in the device. 2. Execute initialization."
m90D000	Bunlde modue is not inserted	1. Remount the bunddle and execute initialization.
m90D100	Escrow modue is not inserted	1. Remount the escrow and execute initialization.
m90D200	Bundle Sensor connetor is not connected	1. Remount the bunddle sensor connector and execute initialization.
m90D300	Bundle Actuator connector is not connected	1. Remount the bunddle actuator connector and execute initialization.
m90D400	F5 Fuse is open in main board(Ink Power)	1. Check the F5 Fuse of main board 2. Check the main board when the same error occurs after initialization.
m90D500	F18 Fuse is open in main board(BDM02 24V)	1. Check the F18 Fuse of main board 2. Check the main board when the same error occurs after initialization.
m90D600	F19 Fuse is open in main board(TEM01 24V)	1. Check the F19 Fuse of main board 2. Check the main board when the same error occurs after initialization.
m90D700	F4 Fuse is open in main board(MBM02 24V)	1. Check the F4 Fuse of main board 2. Check the main board when the same error occurs after initialization.
m90D800	F3 Fuse is open in main board(MBM01 24V)	1. Check the F3 Fuse of main board 2. Check the main board when the same error occurs after initialization.

Problem Code	Problem Description	Troubleshooting
m90FA00	Programming error. Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m90FB00	Programming error. Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m90FC00	Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
m910100	Operation failure of Cassette (Cassette Near Full)	"1. Remove the residual media in the device. 2. Execute initialization."
m910200	Operation failure of Cassette (Cassette Full)	"1. Remove the residual media in the device. 2. Execute initialization."
m910300	Operation failure of Cassette (Cassette Bottom)	"1. Remove the residual media in the device. 2. Execute initialization."
m910400	Operation failure of Cassette (Retract Box Full)	"1. Remove the residual media in the device. 2. Execute initialization."
m911000	Operation failure of Cassette (In the Entrance, Remain media, MBS08)	"1. Remove the residual media in the device. 2. Execute initialization."
m911100	Operation failure of Cassette (CSS06 is not changed from Light)	"1. Remove the residual media in the device. 2. Execute initialization."
m911200	Operation failure of Cassette (CSS06 is not changed from Dark)	"1. Remove the residual media in the device. 2. Execute initialization."
m911300	Operation failure of Cassette (CSS04 is not changed from Light)	"1. Remove the residual media in the device. 2. Execute initialization."
m911400	Operation failure of Cassette (CSS04 is not changed from Dark)	"1. Remove the residual media in the device. 2. Execute initialization."
m911500	Operation failure of Cassette (CSS05 is not changed from Light)	"1. Remove the residual media in the device. 2. Execute initialization."
m911600	Operation failure of Cassette (Media is not moved properly, MBS08)	"1. Remove the residual media in the device. 2. Execute initialization."
m911700	Operation failure of Cassette (Media is not moved properly, MBS08)	"1. Remove the residual media in the device. 2. Execute initialization."
m911800	Operation failure of Cassette (Media is not moved properly, MBS07)	"1. Remove the residual media in the device. 2. Execute initialization."
m913100	[Retract] Fail to control CST/RT gate solenoid. did not change to RT path (MBS22 Dark Fail)	"1. Remove jammed in CST/RT gate. 2. Replace solenoid."
m920200	Operation failure of 3Way-Gate (MBS03 and MBS04 are not changed)	"1. Remove the residual media in the device. 2. Execute initialization."
m920300	Operation failure of 3Way-Gate (MBS03 is not changed to light from dark)	"1. Remove the residual media in the device. 2. Execute initialization."
m920400	Operation failure of 3Way-Gate (MBS03 is not changed to dark from light)	"1. Remove the residual media in the device. 2. Execute initialization."
m920500	Operation failure of 3Way-Gate (MBS04 is not changed to light from dark)	"1. Remove the residual media in the device. 2. Execute initialization."

Problem Code	Problem Description	Troubleshooting
m920600	Operation failure of 3Way-Gate (MBS04 is not changed to dark from light)	"1. Remove the residual media in the device. 2. Execute initialization."
m920700	Abnormal sensor information	"1. Remove the residual media in the device. 2. Execute initialization."
m920800	Programming error. Invalid command sequence	"1. Remove the residual media in the device. 2. Execute initialization."
m930100	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m930200	Double detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m930B00	No media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m930C00	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m930E00	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m930F00	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m931000	Operation failure of Bundle (Shutter is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m931100	Operation failure of Bundle (Shutter is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m931200	Shutter Open sensor and Closes Sensor are detected same time.	1. Check Shutter sensor part and execute initialization
m931300	Operation failure of Bundle (Bundle feeder is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m931400	Operation failure of Bundle (Bundle feeder is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m931500	Operation failure of Bundle (Bundle feeder is not moved properly)	1. Close Bundle roller part and execute initialization
m931700	Short media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m931800	Long media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m931900	Double detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m931A00	skew media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m931B00	Operation failure of Bundle (Media is not separated properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m931D00	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."

Problem Code	Problem Description	Troubleshooting
m931E00	No media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m931F00	Operation failure of Bundle	"1. Remove the residual media in Bundle.2. Execute initialization."
m932000	No media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m932100	Narrow media detection	"1. Remove the residual media in Bundle.2. Execute initialization."
m932200	Home position failure of Stack Sheet	"1. Remove the residual media in the device. 2. Execute initialization."
m932300	Operation failure of Bundle (Bundle feeder is not moved properly)	"1. Remove the residual media in the device. 2. Execute initialization."
m932400	Operation failure of Bundle (Bundle feeder is not moved properly)	"1. Remove the residual media in the device. 2. Execute initialization."
m933000	Operation failure of Bundle (Media is not moved properly)	"1. Remove the residual media in Bundle.2. Execute initialization."
m934100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."
m934200	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m934300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m934400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."
m934500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m934600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m934700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m934800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m934900	[Retract] Operation failure of Bundle (Shutter Open Fail, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m934A00	[Retract] Operation failure of Bundle (Shutter Close Fail, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."
m934B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m934C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m934D00	Operation failure of Bundle (Media is not moved properly, BDS15)	"1. Remove the media in Bundle and check the sensor(BDS15).9. Do the Initialize."

Problem Code	Problem Description	Troubleshooting
m934E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m934F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m935100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."
m935200	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m935300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m935400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."
m935500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m935600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m935700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m935800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m935900	[Retract] Operation failure of Bundle (Shutter Close Fail, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m935A00	[Retract] Operation failure of Bundle (Shutter Open Fail, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."
m935B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m935C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m935D00	Operation failure of Bundle (Media is not moved properly, BDS15)	"1. Remove the media in Bundle and check the sensor(BDS15).9. Do the Initialize."
m935E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m935F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m936100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."
m936200	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m936300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m936400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."

Problem Code	Problem Description	Troubleshooting
m936500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m936600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m936700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m936800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m936900	Operation failure of Bundle (Media is not moved properly, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m936A00	Operation failure of Bundle (Media is not moved properly, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."
m936B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m936C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m936D00	Operation failure of Bundle (Media is not moved properly, BDS15)	"1. Remove the media in Bundle and check the sensor(BDS15).9. Do the Initialize."
m936E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m936F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m937100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."
m937300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m937400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m937500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m937500	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."
m937600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m937700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m937800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m937900	Operation failure of Bundle (Media is not moved properly, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m937A00	Operation failure of Bundle (Media is not moved properly, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."

Problem Code	Problem Description	Troubleshooting
m937B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m937C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m937D00	Operation failure of Bundle (Media is not moved properly, BDS15)	"1. Remove the media in Bundle and check the sensor(BDS15).9. Do the Initialize."
m937E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m937F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m938100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."
m938200	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m938300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m938400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."
m938500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m938600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m938700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m938800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m938900	Operation failure of Bundle (Media is not moved properly, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m938A00	Operation failure of Bundle (Media is not moved properly, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."
m938B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m938C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m938D00	Operation failure of Bundle (Media is not moved properly, BDS15)	"1. Remove the media in Bundle and check the sensor(BDS15).9. Do the Initialize."
m938E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m938F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m939100	Operation failure of Bundle (Media is not moved properly, BDS01)	"1. Remove the media in Bundle and check the sensor(BDS01).2. Do the Initialize."

Problem Code	Problem Description	Troubleshooting
m939200	Operation failure of Bundle (Media is not moved properly, BDS02)	"1. Remove the media in Bundle and check the sensor(BDS02).3. Do the Initialize."
m939300	Operation failure of Bundle (Media is not moved properly, BDS03)	"1. Remove the media in Bundle and check the sensor(BDS03).4. Do the Initialize."
m939400	Operation failure of Bundle (Media is not moved properly, BDS04)	"1. Remove the media in Bundle and check the sensor(BDS04).5. Do the Initialize."
m939500	Operation failure of Bundle (Media is not moved properly, BDS05)	"1. Remove the media in Bundle and check the sensor(BDS05).6. Do the Initialize."
m939600	Operation failure of Bundle (Media is not moved properly, BDS06)	"1. Remove the media in Bundle and check the sensor(BDS06).7. Do the Initialize."
m939700	Operation failure of Bundle (Media is not moved properly, BDS07)	"1. Remove the media in Bundle and check the sensor(BDS07).8. Do the Initialize."
m939800	Operation failure of Bundle (Media is not moved properly, BDS08)	"1. Remove the media in Bundle and check the sensor(BDS08).9. Do the Initialize."
m939900	Operation failure of Bundle (Media is not moved properly, BDS11)	"1. Remove the media in Bundle and check the sensor(BDS11).9. Do the Initialize."
m939A00	Operation failure of Bundle (Media is not moved properly, BDS12)	"1. Remove the media in Bundle and check the sensor(BDS12).9. Do the Initialize."
m939B00	Operation failure of Bundle (Media is not moved properly, BDS13)	"1. Remove the media in Bundle and check the sensor(BDS13).9. Do the Initialize."
m939C00	Operation failure of Bundle (Media is not moved properly, BDS14)	"1. Remove the media in Bundle and check the sensor(BDS14).9. Do the Initialize."
m939D00	Operation failure of Bundle (Remain Media)	"1. Remove the media in Bundle. 2. Do the Initialize." "9. Do the Initialize."
m939E00	Operation failure of Bundle (Media is not moved properly, BDS16)	"1. Remove the media in Bundle and check the sensor(BDS16).9. Do the Initialize."
m939F00	Operation failure of Bundle (Media is not moved properly, BDS19)	"1. Remove the media in Bundle and check the sensor(BDS19).9. Do the Initialize."
m950100	Operation failure of Escrow(In the Entrance, Remain media, TES02)	"1. Check the Escrow internal and entrance residual.2. After the remove media and tape condition check, do the initialize."
m950200	Operation failure of Escrow(In the Entrance, Remain media, TES01)	"1. Check the Escrow internal residual.2. After the remove media and tape condition check, do the initialize."
m950300	Operation failure of Escrow(Media is not moved properly, TES03)	"1. Check the Escrow tape condition.2. After the tape and sensor(TES03) condition check, do the initialize."
m950500	Operation failure of Escrow(Escrow Enterance Dark Jam(MBS02/TES02))	"1. Check the Escrow internal and entrance residual.2. After the remove media and tape condition check, do the initialize."
m950600	Abnormal sensor information(Tape end is detected, TES04)	"1. Check the Escrow tape condition.2. After the tape and sensor(TES04) condition check, do the initialize."
m950800	Operation failure of Escrow(Tape start check failure(dark failure), TES03)	"1. Check the Escrow tape condition.2. After the tape and sensor(TES03) condition check, do the initialize."
m951200	Abnormal sensor information(Drum empty check sensor light, TES01)	"1. Remove the media in Escrow.2. After the sensor(TES01) condition check, do the initialize."

Problem Code	Problem Description	Troubleshooting
m951300	Abnormal sensor information(Tape start check sensor dark, TES03 )	"1. Check the Escrow tape condition.2. After the tape and sensor(TES03) condition check, do the initialize."
m951500	Abnormal sensor information(Drum empty check sensor lighth, TES01)	1. After the Escrow internal residual and sensor(TES01) condition check, do the initialize.
m951600	Abnormal sensor information(TES03, TES04 Sensor detection at the sametime)	1. Check the Escrow tape condition and sensor(TES03, TES04).
m951700	Abnormal sensor information(Tape end is detected, TES04)	"1. Check the Escrow tape condition.2. After the tape and sensor(TES04) condition check, do the initialize."
m951800	Operation failure of Escrow(Entrance Sensor Light Jam, TES02)	"1. Check the Escrow internal media condition.2. After the tape and sensor(TES02) condition check, do the initialize."
m952000	Operation failure of Escrow(Entrance Sensor Dark Jam, TES02)	"1. Check the Escrow internal media condition.2. After the tape and sensor(TES02) condition check, do the initialize."
m952100	Operation failure of Escrow(Media is not moved properly, TES03)	"1. Check the Escrow tape condition.2. After the tape and sensor(TES03) condition check, do the initialize."
m960A00	[Retract] Alignment fail on ALIGN part	Check the ALIGN path & remove jammed.
m970100	Operation failure of Print(Cap Open position move Failed, PRS01)	"1. Check residual medium on the conveying path.2. Motor-driven and check a sensor(PSS06)."
m970200	Operation failure of Print(Cap Close position move Failed, PRS01)	"1. Check residual medium on the conveying path.2. Motor-driven and check a sensor(PSS06)."
m970300	Operation failure of Print(Prefire position move Failed, PRS01)	"1. Check residual medium on the conveying path.2. Motor-driven and check a sensor(PSS06)."
m9B2100	[Retract] Jam on path (MBS01 dark jam)	Check the path & remove jammed.
m9B2200	[Retract] Jam on path (MBS06 dark jam)	Check the path & remove jammed.
m9B2300	[Retract] Jam on path (MBS02 dark jam)	Check the path & remove jammed.
m9B2400	[Retract] Jam on path (TES02 dark jam)	Check the path & remove jammed.
m9B2500	[Retract] Jam on path (MBS07 dark jam)	Check the path & remove jammed.
m9B2600	[Retract] Jam on path (MBS08 dark jam)	Check the path & remove jammed.
m9C0100	[Retract] Jam on path (MBS01 light jam)	Check the path & remove jammed.
m9C0200	[Retract] Jam on path (MBS06 light jam)	Check the path & remove jammed.
m9C0300	[Retract] Jam on path (MBS02 light jam)	Check the path & remove jammed.
m9C0400	[Retract] Jam on path (TES02 light jam)	Check the path & remove jammed.
m9C0500	[Retract] Jam on path (MBS07 light jam)	Check the path & remove jammed.
m9C0600	[Retract] Jam on path (MBS08 light jam)	Check the path & remove jammed.
m9US100	sequence number invalid in bulk data	Check SP protocol
m9US300	length data invalid in bulk data	Check SP protocol
mAUS100	sequence number invalid in bulk data	Check SP protocol
mAUS300	length data invalid in bulk data	Check SP protocol

Problem Code	Problem Description	Troubleshooting
mBUS100	sequence number invalid in bulk data	Check SP protocol
mBUS300	length data invalid in bulk data	Check SP protocol
mE0A000	Programming error. Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
mE0A200	Serial Write Fail	"1. Check the main board of CSM6. 2. Reboot the system when the same error occurs after initialization."
mE0A300	Serial Read Fail	"1. Check the main board of CSM6. 2. Reboot the system when the same error occurs after initialization."
mE0FA00	Programming error. Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
mE0FB00	Programming error. Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
mE0FC00	Invalid command sequence	"1. Execute CSM60 initialization. 2. Reboot the system when the same error occurs after initialization."
mFFCU	Cheque Cassette is full	Remove items from the Cheque Cassette, and then clear ulCount
mIUS100	sequence number invalid in bulk data	Check SP protocol
mIUS300	length data invalid in bulk data	Check SP protocol
mJUS100	sequence number invalid in bulk data	Check SP protocol
mJUS300	length data invalid in bulk data	Check SP protocol
mKUS100	sequence number invalid in bulk data	Check SP protocol
mKUS300	length data invalid in bulk data	Check SP protocol
mLUS100	sequence number invalid in bulk data	Check SP protocol
mLUS300	length data invalid in bulk data	Check SP protocol
mMUS100	sequence number invalid in bulk data	Check SP protocol
mMUS300	length data invalid in bulk data	Check SP protocol
mOUS100	sequence number invalid in bulk data	Check SP protocol
mOUS300	length data invalid in bulk data	Check SP protocol
mSUS100	sequence number invalid in bulk data	Check SP protocol
mSUS300	length data invalid in bulk data	Check SP protocol
mTUS100	sequence number invalid in bulk data	Check SP protocol
mTUS300	length data invalid in bulk data	Check SP protocol
mUAHA00	EP header invalid in EP BIN file for EP download	check EP BIN file
mUAHB00	memory access failed when EP download	replace B/D
mUUS100	sequence number invalid in bulk data	Check SP protocol
mUUS300	length data invalid in bulk data	Check SP protocol

Problem Code	Problem Description	Troubleshooting
mUUSCMD	Undefined CMD	Check SP protocol
mUUSCRC	CRC check fail in bulk data	Check SP protocol
mUUSLEN	Receive data size too small in bulk	Check SP protocol
mVUS100	sequence number invalid in bulk data	Check SP protocol
mVUS300	length data invalid in bulk data	Check SP protocol

## Chapter 6. Encryption PIN Pad

Problem Code	Problem Description	Troubleshooting
1101	Firmware file length is wrong	Re-update with correct firmware
1102	Firmware size is wrong	Re-update with correct firmware
2A01	Incorrect key usage	Check if the key usage setting
2B01	Incorrect key name	Check if key name is correct
3E5301	SHA1 signature of the EPP serial number is not exist	Replace with another EPP that SHA1 signature of the EPP serial number is injected
3E5501	SHA1 signature of the EPP public key is not exist	Replace with another EPP that SHA1 signature of the EPP public key is injected
4I00	All key value is zero.	It needs to load not zero value key.
4J00	Not AES PIN key in PIN block en/decryption	En/decrypt data with AES key
4J01	Not TDES PIN key in PIN block en/decryption	En/decrypt data with TDES key
4Y01	It is not TR31 mode.	It needs to do NVRAM CLEAR(dip switch #1 on and off)
4Z01	Incorrect mode of use of working key	Inject correct TR31 working key value
7001	1st password is not verified.	It needs to enter 1st password again.
7101	1st password is not verified.	It needs to enter 1st password again.
7102	default pasword entry	It needs to enter not default password.
7103	password comparison failure	It needs to enter password again
7104	undefined command parameter	check if SP command message is correct.
9701010	Failed to open port (open connection failure)	Check the device cable and connection.
9701012	Failed to send data to device	Check the device cable and connection.
9701016	Cannot receive data. timeout occurred	Check the device cable and connection.
9701017	Response data timed out	Check the device cable and connection.
9701040	Failed to create thread (open connection failure)	Restart the PIN pad Service Provider
9701111	BCC error occurred	Restart ATM
9701190	Cannot execute command. ( If the command is GetPin, please check the number of transactions is over than 120 in an hour. )	Please wait an hour and check transaction.
9701199	Change device to new one	Change device to new one
97011E 0	Failed to download firmware (no firmware file)	Restart ATM
97011E 1	Failed to download firmware (execution failure)	Restart ATM
9E11200	Cannot connect to device	Check the device cable and connection.
9E11200	Cannot connect to device	Check the device cable and connection.

Problem Code	Problem Description	Troubleshooting
9E13100	Cannot receive data. timeout occurred	Check the device cable and connection.
9E13100	Cannot receive data. timeout occurred	Check the device cable and connection.
9E13200	Cannot send data to device	Check the device cable and connection.
9E13200	Cannot send data to device	Check the device cable and connection.
9E41A00	Cannot make thread	Restart ATM
9E41A00	Cannot make thread	Restart ATM
9EA6100	Self test fail	Change device to new one
9EA6100	Self test fail	Change device to new one
9EA6200	Cannot download firmware	confirm the firmware file
9EA6200	Cannot download firmware	confirm the firmware file
9EA6300	Firmware download failed.	Change device to new one
9EA6300	Firmware download failed.	Change device to new one
9EA6400	BCC error occurred	Restart ATM
9EA6400	BCC error occurred	Restart ATM
9EA9100	PINPAD device is out of order	Check serial number of pinpad
9EA9100	PINPAD device is out of order	Check serial number of pinpad
9EA9200	PINPAD device is out of order	Check all buttons on keypad
9EA9300	PINPAD device do not support Secure Communication	PINPAD device do not support Secure Communication
9EA9300	PINPAD device do not support Secure Communication	PINPAD device do not support Secure Communication
A500	PIN entry less than 4 digit	It needs to enter from 4 to 12 PIN digits
A600	PIN entry more than 12	It needs to enter from 4 to 12 PIN digits
B100	Undefined baudrate	only 38400 bps is possible
E12A500	Undefined Baudrate	Check baudrate parameter
E12A500	Invalid baudrate	Check if the baudrate is either 38400 or 115200
E131100	Invalid parameter length	Check if the parameter length is normal
E131100	Received message length error	Check SP message
E131200	Invalid parameter	Check SP message
E131400	Default sensitive password entry	Enter new sensitive passwords
E137400	Not in sensitive mode	Enter sensitive passwords
E141200	Invalid parameter	Check SP message
E147600	Invalid function key parameter	Check SP message

Problem Code	Problem Description	Troubleshooting
E147600	Invalid the sum of function key value	Check if the sum of function key value is 0x4b
E147700	Invalid the function key value	Check if the function key value is between 0x0a and 0x0f
E147700	Invalid function key parameter	Check SP message
E15A400	RTC setting failure	Check SP message
E15A400	Invalid time value	Check if the time value is ASC value
E211200	Invalid parameter	Check SP message
E211300	PIN or Key entry timeout	Retry PIN or Key entry from the beginning
E211400	Default sensitive password entry	Enter new sensitive passwords
E217400	It is not in the sensitive mode	Enter two sensitive passwords to be sensitive mode
E217400	Not in sensitive mode	Enter sensitive passwords
E217800	PIN transaction exceeded 120 within one hour	Retry PIN transaction after one hour
E217800	120 PIN entry excess within 1 hour	Wait until it reaches one hour
E21FB00	Undefined EPP state	Check EPP module
E21FF02	Factory State	NVRAM clear and EPP installation
E21FF03	Initialization State	EPP installation
E21FF04	Authorized Removal State	EPP installation
E21FF05	Unauthorized Removal State	EPP installation
E221200	Invalid parameter	Check SP message
E221300	Password entry timeout	Retry password entry from the beginning
E227000	Incorrect password	Enter correct passwords
E231200	Invalid parameter	Check SP message
E231300	PIN or Key entry timeout	Retry PIN or Key entry from the beginning
E231300	Entry timeout	Entry retry
E237000	Sensitive password verification failure	Check sensitive passwords
E237100	Changed sensitive password verification failure	Check changed sensitive passwords
E23FD03	Not default ID and password	Enter default or NVRAM clear
E23FD04	1st and 2nd password are same	1st and 2nd passwords must be different
E23FD05	1st password is not verified	Enter correct 1st password
E23FD06	Password comparison failure	Check existing passwords
E23FD07	ID comparison failure	Check ID
E23FD08	ID is NULL value	Register non NULL ID
E23FD09	Password is NULL value	Register non NULL password

Problem Code	Problem Description	Troubleshooting
E23FD0A	Same ID exists	Register different ID
E23FD0D	ID count FULL or EPP is not in installaion state	Delete unused ID or NVRAM clear
E23FD10	Not in removal sensitive mode	Enter removal sensitive id and password
E23FD13	Not default ID and password	Enter default or NVRAM clear
E23FF0F	ID not found	Check existing ID
E247400	It is not in the sensitive mode	Enter two sensitive passwords to be sensitive mode
E312300	Key is not found	Check if the key is loaded
E312300	Key not found	Load key to be needed
E322300	Key is not found	Check if the key is loaded
E322300	Key not found	Load key to be needed
E324G00	TMK not found	Load TMK to be needed
E331200	Invalid parameter	Check SP message
E331200	Invalid parameter	Check if the parameter is normal
E332300	Key not found	Load key to be needed
E332300	Key is not found	Check if the key is loaded
E341200	Invalid parameter	Check if the parameter is normal
E341200	Invalid parameter	Check SP message
E342300	Key is not found	Check if the key is loaded
E342300	Key not found	Load key to be needed
E352300	Key is not found	Check if the key is loaded
E352300	Key not found	Load key to be needed
E362300	Key is not found	Check if the key is loaded
E362300	Key not found	Load key to be needed
E371200	Invalid parameter	Check SP message
E372300	Key is not found	Check if the key is loaded
E372300	Key not found	Load key to be needed
E382300	Key not found	Load key to be needed
E382300	Key is not found	Check if the key is loaded
E391200	Invalid parameter	Check SP message
E392300	Key is not found	Check if the key is loaded
E392300	Key not found	Load key to be needed
E3A1200	Invalid parameter	Check SP message

Problem Code	Problem Description	Troubleshooting
E3A2300	Key is not found	Check if the key is loaded
E3A2300	Key not found	Load key to be needed
E3BA101	DUKPT Key not found	Inject DUKPT key
E3C2300	Key is not found	Check if the key is loaded
E3C2300	Key not found	Load key to be needed
E412300	Key is not found	Check if the key is loaded
E412300	Key not found	Load key to be needed
E412A00	Key usage mismatch	Check the key usage
E412A00	Mismatch key usage	Check key usage
E412C00	Failure of obtaining the key in the keytable	Check if the parent key is loaded status
E413700	Multiple key usage	only one key usage is needed
E41A200	IBM3624(Local) PIN verification failure	Check PIN verification data
E41A200	Local PIN verification failure	Check the data for local PIN verification
E41A300	No entered PIN	No entered PIN
E41A300	No PIN is entered	Try again after entering PIN
E611100	Invalid parameter length	Check if the parameter length is normal
E612A00	Key usage mismatch	Check the key usage
E615000	Undefined RSA Key Type	Check the firmware code
E615800	The keyname is same with existing symmetric keyname	Set the different keyname with existing symmetric keyname
E616300	Invalid RSA Key format	Check the RSA Key format
E??1000	Undefined Command	Check command message
EA17400	It is not in the sensitive mode	Enter two sensitive passwords to be sensitive mode
EC04A00	PIN key and DATA key cannot be loaded from the same master key(or KEK).	Different master key(or KEK) should be injected for PIN key and Data Key respectively.
EC11200	Key not found	Load key to be needed
EC11200	Invalid parameter	Check if the parameter is normal
EC12000	Key table is full	Delete unused key or NVRAM clear
EC12000	Key Table is FULL	Delete an existing key and try it again or set the existing keyname
EC12100	Key Table is FULL	Delete an existing key and try it again or set the existing keyname
EC12200	The key usage is not Key Encryption Key	Set the key which of usage is Key Encryption Key
EC12300	Key is not found	Check if the key is loaded

Problem Code	Problem Description	Troubleshooting
EC12700	The key usage is	Set the correct key usage
EC12800	Key is not loaded state	Load key completely
EC12800	The parent key is not loaded status	Check if the key is loaded status
EC12900	The parent key mismatch	Set the same parent key
EC12A00	Key usage mismatch	Check the key usage
EC12B00	Invalid keyname	Check keyname
EC12D00	The child key length error	The child key length should be equal or less than the parent key length
EC12D00	Invalid key length	Check the key length. it should be 8 or 16.
EC12E00	Single length key level error	Single length key level should be 2
EC12F00	The parent key usage is not Key Encryption Key	Set the parent key which of usage is Key Encryption Key
EC12F00	Parent key is not KEK	Check parent key usage
EC13000	Double length key level error	Double length key level should be 2 or 3
EC13100	The key is not KEK for PIN Key	Set the key which of usage is KEK for PIN Key
EC13200	The key is not KEK for Data Key	Set the key which of usage is KEK for Data Key
EC13300	The key is not KEK for MAC Key	Set the key which of usage is KEK for MAC Key
EC13400	The key is not KEK for Unique PIN Key	Set the key which of usage is KEK for Unique PIN Key
EC13500	The key is not KEK for Local PIN Key	Set the key which of usage is KEK for Local PIN Key
EC13600	Transaction key usage is KEK	Set the transaction key which of usage is not KEK
EC13700	Transaction key is multiple usage	Set the transaction key which has single usage
EC13700	Multiple key usage	only one key usage is needed
EC13800	The left key is same with the right key	Set the different key value
EC13900	Weak Key	Check key value
EC13900	The left key is weak key	Set the left key which is not weak key
EC13A00	The right key is weak key	Set the right key which is not weak key
EC13A00	Weak Key	Check key value
EC13D00	Failure of obtaining the parent key	Check if the parent key is loaded status
EC13E00	The child key counts exceed 5	Delete an existing key and try it again or set the existing child keyname
EC13F00	The key is not duplicated usage	The key cannot be overwritten because of no duplicate usage
EC13F00	Non duplicated key	Check key usage
EC14100	The same key value exists	Set the different key value with the existing key
EC14800	It is in the ANSI TR31 mode	ANSI TR31 Import Key Command should be used.

Problem Code	Problem Description	Troubleshooting
EC14A00	PIN key and DATA key cannot be loaded from the same master key(or KEK).	Different master key(or KEK) should be injected for PIN key and Data Key respectively.
EC14B00	PIN key and DATA key cannot be loaded from the same master key(or KEK).	Different master key(or KEK) should be injected for PIN key and Data Key respectively.
EC14D00	Weak Key	Check key value
EC14Y00	TR31 mode	Load TR31 working key or NVRAM clear
EC16200	Same with RSA keyname	Use different keyname from RSA Key
EC16200	The keyname is same with existing asymmetric keyname	Set the different keyname with existing asymmetric keyname
EC22000	Key Table is FULL	Delete an existing key and try it again or set the existing keyname
EC22300	Key is not found	Check if the key is loaded
EC22800	The parent key is not loaded status	Check if the key is loaded status
EC22B00	Invalid keyname	Check the keyname is normal string and less than 32 digits
EC22C00	Failure of obtaining the key in the keytable	Check if the parent key is loaded status
EC22D00	The child key length error	The child key length should be equal or less than the parent key length
EC22F00	The parent key usage is not Key Encryption Key	Set the parent key which of usage is Key Encryption Key
EC23000	Double length key level error	Double length key level should be 2 or 3
EC23100	The key is not KEK for PIN Key	Set the key which of usage is KEK for PIN Key
EC23200	The key is not KEK for Data Key	Set the key which of usage is KEK for Data Key
EC23300	The key is not KEK for MAC Key	Set the key which of usage is KEK for MAC Key
EC23400	The key is not KEK for Unique PIN Key	Set the key which of usage is KEK for Unique PIN Key
EC23500	The key is not KEK for Local PIN Key	Set the key which of usage is KEK for Local PIN Key
EC23600	Transaction key usage is KEK	Set the transaction key which of usage is not KEK
EC23700	Transaction key is multiple usage	Set the transaction key which has single usage
EC23800	The left key is same with the right key	Set the different key value
EC23900	The left key is weak key	Set the left key which is not weak key
EC23A00	The right key is weak key	Set the right key which is not weak key
EC23D00	Failure of obtaining the parent key	Check if the parent key is loaded status
EC23E00	The child key counts exceed 5	Delete an existing key and try it again or set the existing child keyname
EC24100	The same key value exists	Set the different key value with the existing key
EC24200	Key Block length error	Check Key Block length
EC24300	Key Block Header error	Check Key Block Header

Problem Code	Problem Description	Troubleshooting
EC24400	The parent key is not TR31 Master Key	Set the parent key which of usage is TR31 Master Key
EC24500	Failure of decrypting Key Block	Check if the Key Block is correct
EC24700	Key Block verification failure	Check MAC for Key Block
EC26200	The keyname is same with existing asymmetric keyname	Set the different keyname with existing asymmetric keyname
ED11100	Invalid parameter length	Check if the parameter length is normal
ED11100	Received message length error	Check SP message
ED11200	Invalid parameter	Check if the parameter is normal
ED11200	Invalid parameter	Check SP message
ED12300	Key is not found	Check if the key is loaded
ED12300	Key not found	Load key to be needed
ED12800	Key is not loaded state	Load key completely
ED12A00	Key usage mismatch	Check the key usage
ED12A00	Mismatch key usage	Check key usage
ED12C00	Failure of obtaining the key in the keytable	Check if the parent key is loaded status
ED12D00	Invalid key length	Check the key length. it should be 8 or 16.
ED13700	Multiple key usage	only one key usage is needed
ED1A000	Undefined AES length	Set AES length 16, 24 or 32
ED1A000	Undefined AES mode	Check AES mode parameter
ED21100	Received message length error	Check SP message
ED21100	Invalid parameter length	Check if the parameter length is normal
ED21200	Invalid parameter	Check if the parameter is normal
ED21200	Invalid parameter	Check SP message
ED22300	Key not found	Load key to be needed
ED22300	Key is not found	Check if the key is loaded
ED22800	Key is not loaded state	Load key completely
ED22A00	Mismatch key usage	Check key usage
ED22A00	Key usage mismatch	Check the key usage
ED22C00	Failure of obtaining the key in the keytable	Check if the parent key is loaded status
ED22D00	Invalid key length	Check the key length. it should be 8 or 16.
ED23700	Multiple key usage	only one key usage is needed
ED2A000	Undefined AES mode	Check AES mode parameter
ED2A000	Undefined AES length	Set AES length 16, 24 or 32

Problem Code	Problem Description	Troubleshooting
EF11100	Invalid parameter length	Check if the parameter length is normal
EF11100	Received message length error	Check SP message
EF11400	Default sensitive password entry	Enter new sensitive passwords
EF12A00	Key usage mismatch	Check the key usage
EF12A00	Mismatch key usage	Check key usage
EF15000	Undefined RSA Key Type	Check the firmware code
EF15000	Undefined RSA key type	Check RSA key type
EF15800	The keyname is same with existing symmetric keyname	Set the different keyname with existing symmetric keyname
EF15800	Same with symmetric key name	Use different keyname from symmetric key
EF16300	Not RSA key format	Check RSA key
EF16300	Invalid RSA Key format	Check the RSA Key format
EF17400	Not in sensitive mode	Enter sensitive passwords
EF21100	Received message length error	Check SP message
EF21100	Invalid parameter length	Check if the parameter length is normal
EF21400	Default sensitive password entry	Enter new sensitive passwords
EF22A00	Key usage mismatch	Check the key usage
EF22A00	Mismatch key usage	Check key usage
EF25000	Undefined RSA key type	Check RSA key type
EF25000	Undefined RSA Key Type	Check the firmware code
EF25800	Same with symmetric key name	Use different keyname from symmetric key
EF25800	The keyname is same with existing symmetric keyname	Set the different keyname with existing symmetric keyname
EF26300	Not RSA key format	Check RSA key
EF26300	Invalid RSA Key format	Check the RSA Key format
EF27400	Not in sensitive mode	Enter sensitive passwords
EF31100	Invalid parameter length	Check if the parameter length is normal
EF31100	Received message length error	Check SP message
EF31400	Default sensitive password entry	Enter new sensitive passwords
EF32A00	Key usage mismatch	Check the key usage
EF32A00	Mismatch key usage	Check key usage
EF35000	Undefined RSA Key Type	Check the firmware code
EF35000	Undefined RSA key type	Check RSA key type

Problem Code	Problem Description	Troubleshooting
EF35800	Same with symmetric key name	Use different keyname from symmetric key
EF35800	The keyname is same with existing symmetric keyname	Set the different keyname with existing symmetric keyname
EF36300	Invalid RSA Key format	Check the RSA Key format
EF36300	Not RSA key format	Check RSA key
EF37400	Not in sensitive mode	Enter sensitive passwords
EF41100	Received message length error	Check SP message
EF41100	Invalid parameter length	Check if the parameter length is normal
EF41400	Default sensitive password entry	Enter new sensitive passwords
EF45100	Undefined RSA sign type	Check RSA sign type
EF45100	Undefined Sign and SN Type	Check the firmware code
EF47400	Not in sensitive mode	Enter sensitive passwords
EF51100	Invalid parameter length	Check if the parameter length is normal
EF41100	Received message length error	Check SP message
EF41400	Default sensitive password entry	Enter new sensitive passwords
EF55100	Undefined Sign and SN Type	Check the firmware code
EF45100	Undefined RSA sign type	Check RSA sign type
EF47400	Not in sensitive mode	Enter sensitive passwords
EF41100	Received message length error	Check SP message
EF61100	Invalid parameter length	Check if the parameter length is normal
EF41400	Default sensitive password entry	Enter new sensitive passwords
EF45100	Undefined RSA sign type	Check RSA sign type
EF65100	Undefined Sign and SN Type	Check the firmware code
EF47400	Not in sensitive mode	Enter sensitive passwords
EG11100	Received message length error	Check SP message
EG12300	Key is not found	Check if the key is loaded
EG12B00	Invalid keyname	Check the keyname is normal string and less than 32 digits
EG19000	RSA encryption failure	Check RSA Key format
EG19000	RSA encryption failure	Check RSA key and data
EG11100	Received message length error	Check SP message
EG22300	Key is not found	Check if the key is loaded
EG29100	RSA decryption failure	Check RSA Key format

Problem Code	Problem Description	Troubleshooting
EG19100	RSA decryption failure	Check RSA key and data
EG29400	Encryption message length is not 256	Check encryption message length
EG29400	Invalid RSA Key length	RSA Key length should be 2048 bits
EG31100	Received message length error	Check SP message
EG32300	Key is not found	Check if the key is loaded
EG32B00	Invalid keyname	Check the keyname is normal string and less than 32 digits
EG39200	Signature generation failure	Check RSA key and data
EG39200	Signature generation failure	Check RSA Key format
EG41100	Received message length error	Check SP message
EG42300	Key is not found	Check if the key is loaded
EG42B00	Invalid keyname	Check the keyname is normal string and less than 32 digits
EG49300	Signature verification failure	Check RSA Key format and signature value
EG49300	Signature verification failure	Check RSA key and data
EG49500	Signature verification failure	Check RSA key and data
EH11100	Invalid parameter length	Check if the parameter length is normal
EH11100	Received message length error	Check SP message
EH11200	Invalid parameter	Check SP message
EJ11200	Invalid parameter	Check SP message
EJ11300	Password entry timeout	Retry password entry from the beginning
EJ17100	Incorrect password	Enter correct passwords
EJ17400	It is not in the sensitive mode	Enter two sensitive passwords to be sensitive mode
EJ17400	Not in sensitive mode	Enter sensitive passwords
EJ21200	Invalid parameter	Check SP message
EJ21300	Password entry timeout	Retry password entry
EJ27100	Incorrect password	Enter correct passwords
EJ27400	Not in sensitive mode	Enter sensitive passwords
EJ27400	It is not in the sensitive mode	Enter two sensitive passwords to be sensitive mode
EK01300	Entry timeout	Entry retry
EK11300	Entry timeout	Entry retry
EK21300	Entry timeout	Entry retry
EK31300	Entry timeout	Entry retry

Problem Code	Problem Description	Troubleshooting
EK37000	Sensitive password verification failure	Check sensitive passwords
EK41300	Entry timeout	Entry retry
EK47100	Changed sensitive password verification failure	Check changed sensitive passwords
EK51300	Entry timeout	Entry retry
EK5FD03	Not default ID and password	Enter default or NVRAM clear
EK5FD04	1st and 2nd password are same	1st and 2nd passwords must be different
EK5FD05	1st password is not verified	Enter correct 1st password
EK5FD06	Password comparison failure	Check existing passwords
EK5FD13	Not default ID and password	Enter default or NVRAM clear
EK5FF0F	ID not found	Check existing ID
EK61200	Invalid parameter	Check SP message
EK61300	Entry timeout	Entry retry
EK6FD06	Password comparison failure	Check existing passwords
EK6FD07	ID comparison failure	Check ID
EK6FD08	ID is NULL value	Register non NULL ID
EK6FD09	Password is NULL value	Register non NULL password
EK6FD0A	Same ID exists	Register different ID
EK6FD0D	ID count FULL or EPP is not in installaion state	Delete unused ID or NVRAM clear
EK6FD10	Not in removal sensitive mode	Enter removal sensitive id and password
EK6FF0F	ID not found	Check existing ID
EL1FC00	Log not found	EPP installation when it is needed
EL1FC00	Log is not found	Set installation state
EL1FD11	Cannot find start log	NVRAM clear
EL1FD11	Log search failure	Check the firmware code
EM11100	Invalid parameter length	Check if the parameter length is normal
EM11100	Received message length error	Check SP message
EM11200	Invalid parameter	Check SP message
EM11200	Invalid parameter	Check if the parameter is normal
EM12300	Key not found	Load key to be needed
EM12300	Key is not found	Check if the key is loaded
EM12A00	Key usage mismatch	Check the key usage
EM12A00	Mismatch key usage	Check key usage

Problem Code	Problem Description	Troubleshooting
EM12C00	Failure of obtaining the key in the keytable	Check if the parent key is loaded status
EM12D00	Invalid key length	Check the key length. it should be 8 or 16.
EM13700	Multiple key usage	only one key usage is needed
EM1A101	DUKPT Key not found	Inject DUKPT key
EM21100	Invalid parameter length	Check if the parameter length is normal
EM21100	Received message length error	Check SP message
EM21200	Invalid parameter	Check if the parameter is normal
EM22300	Key is not found	Check if the key is loaded
EM22A00	Key usage mismatch	Check the key usage
EM22C00	Failure of obtaining the key in the keytable	Check if the parent key is loaded status
EM24900	MAC verification failure	Check MAC data
EM24900	MAC verification failure	Check the MAC value
EN1Q007	Invalid received information	Check command message
EN22D00	Invalid key length	Check key length
EN2Q009	RSA key generation failure	Retry RSA key generation
EN32D00	Invalid key length	Check key length
EN3Q00D	RSA key pair verification failure	Check RSA key pair
EN42D00	Invalid key length	Check key length
EN4Q00E	Signature generation failure	Check input data and RSA key for signature
EN52D00	Invalid key length	Check key length
EN5Q006	Signature verification failure	Check input data and RSA key for signature
EN62D00	Invalid key length	Check key length
EN6N001	RSA decryption failure	Check input data and RSA key for decryption
EN72D00	Invalid key length	Check key length
EN7N001	RSA decryption failure	Check input data and RSA key for decryption
EN8Q007	Invalid received information	Check command message
EN9Q007	Invalid received information	Check command message
ENAN002	OAEP operation failure	Check input data for OAEP
ENAQ007	Invalid received information	Check command message
ENBQ007	Invalid received information	Check command message
EP11200	Invalid parameter	Check SP message
EP12300	Key is not found	Check if the key is loaded

Problem Code	Problem Description	Troubleshooting
EP12300	Key not found	Load key to be needed
EP12A00	Key usage mismatch	Check the key usage
EP12A00	Mismatch key usage	Check key usage
EP12C00	Failure of obtaining the key in the keytable	Check if the parent key is loaded status
EP13700	Multiple key usage	only one key usage is needed
EP1A100	Maximum DUKPT PIN encryption count	Inject new DUKPT Key
EP1A101	DUKPT Key not found	Inject DUKPT Key
EP1A102	maximum DUKPT PIN encryption count	Inject new DUKPT key
EP1A300	There is no entered PIN	Enter PIN and try it again
EP1A300	No entered PIN	No entered PIN
EP1A400	Not 5 digits PIN Italy AP PIN format	Enter 5 digits PIN
EP1FB00	Undefined EPP state	Check EPP module
EP1FF02	Factory State	NVRAM clear and EPP installation
EP1FF03	Initialization State	EPP installation
EP1FF04	Authorized Removal State	EPP installation
EP1FF05	Unauthorized Removal State	EPP installation
EP1p001	Not auth success state	Authentication process needs between SP and EP
EP1p002	The stored Mac address of EPP is	Authentication process needs between SP and EP
EP1p003	Random number comparison fails	Authentication process needs between SP and EP
EP1p004	Encryption fails	Check command message
EP1p010	The stored serial number of EPP is	Authentication process needs between SP and EP
EP1p013	Decryption fails	Check command message
EP1p014	EPB Encryption fails	Check command message
EP1p016	When normal EPB, mac exists	Authentication process needs between SP and EP
EP1p017	When normal EPB, sn exists	Authentication process needs between SP and EP
EP2A100	Failure of DUKPT PIN block encryption	Check DUKPT PIN encryption count
EP2A300	There is no entered PIN	Enter PIN and try it again
EQEN001	RSA decryption failure	Check input data and RSA key for decryption
EQEQ002	Invalid SnSCD	Check SnSCD
ER16400	RSA keys are not loaded all	Return to the factory and load RSA keys
ER25200	There is no serial number	Inject serial number
ER25300	There is no serial number signature	Inject serial number signature

Problem Code	Problem Description	Troubleshooting
ER26400	RSA keys are not loaded all	Return to the factory and load RSA keys
ER35400	There is no EPP public key	Inject EPP public key
ER35500	There is no EPP public key signature	Inject EPP public key signature
ER36400	RSA keys are not loaded all	Return to the factory and load RSA keys
ER41100	Invalid parameter length	Check if the parameter length is normal
ER41100	Received message length error	Check SP message
ER42300	Key not found	Load key to be needed
ER42A00	Key usage mismatch	Check the key usage
ER42A00	Mismatch key usage	Check key usage
ER42B00	Invalid keyname	Check keyname
ER45000	Undefined RSA key type	Check RSA key type
ER45000	Undefined RSA Key Type	Check the firmware code
ER45600	There is no CA public key	Inject CA public key
ER45700	Failure of signature verification	Check RSA Key format and signature value
ER45700	Signature verification failure	Check RSA key and data
ER45800	The keyname is same with existing symmetric keyname	Set the different keyname with existing symmetric keyname
ER45800	Same with symmetric key name	Use different keyname from symmetric key
ER46300	Invalid RSA Key format	Check the RSA Key format
ER46400	RSA keys are not loaded all	Return to the factory and load RSA keys
ER46500	no unbinding	need unbinding
ER46600	Root and Host public keys are loaded	Unbinding procedure is needed or NVRAM clear
ER46700	Only Host public key is loaded	Unbinding procedure is needed or NVRAM clear
ER46800	Root and Host public key not found	Load Root or Host public key
ER46900	Modulus getting failure	Check RSA key
ER46A00	Root and Host public key name is same	Use different keyname for Root and Host public key
ER46B00	Not Host public key type	Check Host public key name and type
ER46C00	Not Root public key type	Check Root public key name and type
ER46D00	no host root key	need to load host root key with correct information
ER51200	Invalid parameter	Check SP message
ER55900	Mutual authentication is not verified	Try to load Host public key command
ER55A00	RKT 15 minutes timeout	Execute RKT process from the beginning
ER55B00	Random number size is over 256	Maximum Random number size must be 256

Problem Code	Problem Description	Troubleshooting
ER55B00	Random number size exceeds 256	Set the random number size less than 256
ER56400	RSA keys are not loaded all	Return to the factory and load RSA keys
ER65900	Mutual authentication is not verified	Try to load Host public key command and start key exchange command
ER65A00	RKT 15 minutes timeout	Execute RKT process from the beginning
ER65B00	Random number size exceeds 256	Set the random number size 16
ER65C00	There is no Host public key	Try to load Host public key command
ER65D00	RSA encryption failure	Check RSA Key format
ER75900	Mutual authentication is not verified	Try to load Host public key command and start key exchange command
ER75A00	RKT 15 minutes timeout	Execute RKT process from the beginning
ER75B00	Random number size exceeds 256	Set the random number size less than 256
ER75E00	There is no EPP private key	Inject EPP private key
ER75F00	RSA decryption failure	Check RSA Key format
ER76000	Invalid Encoded Message format	Check the encrypted message
ER76100	Failure of random number comparison	Check the random number
ER81100	Received message length error	Check SP message
ER81200	Invalid parameter	Check SP message
ER81200	Invalid parameter	Check if the parameter is normal
ER82000	Key table is full	Delete unused key or NVRAM clear
ER82000	Key Table is FULL	Delete an existing key and try it again or set the existing keyname
ER82100	Key Table is FULL	Delete an existing key and try it again or set the existing keyname
ER82200	Not TMK usage	Check TMK usage
ER82700	The key usage is	Set the correct key usage
ER82A00	Key usage mismatch	Check the key usage
ER82B00	Invalid keyname	Check keyname
ER82D00	Invalid key length	Check the key length. it should be 8 or 16.
ER83800	The left key is same with the right key	Set the different key value
ER83900	Weak Key	Check key value
ER83900	The left key is weak key	Set the left key which is not weak key
ER83A00	The right key is weak key	Set the right key which is not weak key
ER83A00	Weak Key	Check key value

Problem Code	Problem Description	Troubleshooting
ER84100	Same key value with another TMK	TMK key value must be different from another TMK
ER84400	The parent key is not TR31 Master Key	Set the parent key which of usage is TR31 Master Key
ER84D00	Weak Key	Check key value
ER85700	Signature verification failure	Check RSA key and data
ER85700	Failure of signature verification	Check RSA Key format and signature value
ER85900	Mutual authentication is not verified	Try to load Host public key command and start key exchange command
ER85A00	RKT 15 minutes timeout	Execute RKT process from the beginning
ER85F00	RSA decryption failure	Check RSA Key format
ER85F00	RSA decryption failure	Check RSA key and data
ER86000	Invalid Encoded Message format	Check the encrypted message
ER86100	Random number comparison failure	Check random number
ER86100	Failure of random number comparison	Check the random number
ER86200	The keyname is same with existing asymmetric keyname	Set the different keyname with existing asymmetric keyname
ER86200	Same with RSA keyname	Use different keyname from RSA Key
ER86400	RSA keys are not loaded all	Return to the factory and load RSA keys
ER86800	Root and Host public key not found	Load Root or Host public key
ER86900	Modulus getting failure	Check RSA key
ET11100	Received message length error	Check SP message
ET11100	Invalid parameter length	Check if the parameter length is normal
ET11200	Invalid parameter	Check if the parameter is normal
ET11200	Invalid parameter	Check SP message
ET11400	Default sensitive password entry	Enter new sensitive passwords
ET12000	Key table is full	Delete unused key or NVRAM clear
ET12000	Key Table is FULL	Delete an existing key and try it again or set the existing keyname
ET12100	Key Table is FULL	Delete an existing key and try it again or set the existing keyname
ET12200	Not TMK usage	Check TMK usage
ET12200	The key usage is not Key Encryption Key	Set the key which of usage is Key Encryption Key
ET12400	Plain text TMK load	Plain text key cannot be loaded
ET12400	WFS_PIN_USECONSTRUCT key usage cannot be used as TMK	Remove WFS_PIN_USECONSTRUCT key usage
ET12500	No component key entered	Enter component key

Problem Code	Problem Description	Troubleshooting
ET12500	There is no entered component key	Enter component key and try it again
ET12600	Component entry is not complete	Enter component key completely
ET12600	Component key entry is not complete	Enter component key all
ET12700	The key usage is	Set the correct key usage
ET12700	NULL key usage	Check key usage
ET12B00	Invalid keyname	Check keyname
ET13700	Multiple key usage	only one key usage is needed
ET13800	The left key is same with the right key	Set the different key value
ET13900	The left key is weak key	Set the left key which is not weak key
ET13900	Weak Key	Check key value
ET13A00	Weak Key	Check key value
ET13A00	The right key is weak key	Set the right key which is not weak key
ET13B00	Component key count is less than 2	Minimum component key is 2
ET13B00	Component key counts are less than 2	Enter more than two component keys
ET13C00	Not on entering component key	Enter component key
ET13C00	key is imported without the component key entry	Enter more than two component keys
ET14000	The key is not top level	Set the top level key
ET14100	Same key value with another TMK	TMK key value must be different from another TMK
ET14400	The parent key is not TR31 Master Key	Set the parent key which of usage is TR31 Master Key
ET14C00	Invalid component key digit	Check the compoent key digit. it should be 16 or 32.
ET14D00	Weak Key	Check key value
ET14F00	Not authenticated zeroization	Authenticated zeroization
ET14H00	The working key name is same with DUKPT key name.	Set the different keyname between working key and DUKPT key.
ET16200	The keyname is same with existing asymmetric keyname	Set the different keyname with existing asymmetric keyname
ET16200	Same with RSA keyname	Use different keyname from RSA Key
ET17400	Not in sensitive mode	Enter sensitive passwords
ET17400	It is not in the sensitive mode	Enter two sensitive passwords to be sensitive mode
ET1A100	maximum PIN encryption count of DUKPT	Inject new DUKPT key
ET1A103	DUKPT Key Table Full	Delete an existing DUKPT key and inject DUKPT key
ET1A104	Not DUKPT key usage	Check key usage value
EU11100	Received message length error	Check SP message

Problem Code	Problem Description	Troubleshooting
EU18200	Firmware update public key does not exist	Inject firmware update public key
EU21100	Received message length error	Check SP message
EU21100	Invalid parameter length	Check if the parameter length is normal
EU21200	Invalid parameter	Check SP message
EU21200	Invalid parameter	Check if the parameter is normal
EU28000	Firmware update start command does not executed	Execute firmware update start commnad
EU28000	Not on updating firmware	Start firmware update at the first time
EU28300	Received firmware file does not have version info	Check firmware file
EU28300	Not Version code	Check firmware file
EU31200	Invalid parameter	Check if the parameter is normal
EU35700	Failure of signature verification	Check RSA Key format and signature value
EU35700	Signature verification failure	Check RSA key and data
EU38000	Firmware update start command does not executed	Execute firmware update start commnad
EU38000	Not on updating firmware	Start firmware update at the first time
EU38100	Check sum failure	Check firmware file
EV2FB00	Undefined EPP state	Check EPP module
EV2FB00	Undefined State	Check firmware source code
EW11200	Invalid parameter	Check SP message
EW11300	ID and password entry timeout	Retry ID and password entry from the beginning
EW1FD02	Incorrect IDs or passwords	Enter correct IDs and passwords
EW1FD03	Incorrect default IDs or passwords	Enter correct default IDs and passwords
EW1FD04	The two IDs are same	Set the different two IDs
EW1FD05	1ST ID is not verified	Verify 1ST ID first
EW1FD13	Not default ID and password	Enter default or NVRAM clear
EW21200	Invalid parameter	Check if the parameter is normal
EW21200	Invalid parameter	Check SP message
EW21300	ID and password entry timeout	Retry ID and password entry from the beginning
EW2FD06	Failure of entered password verification	Enter correct password
EW2FD07	Failure of entered ID verification	Enter correct ID
EW2FD08	ID is	Enter a ID that is not
EW2FD09	Password is	Enter a password that is not
EW2FD0A	Same ID exists	Enter a different ID with existing ID

Problem Code	Problem Description	Troubleshooting
EW2FD0C	Incorrect ID	Enter correct ID
EW2FD0D	Full ID counts (20)	Delete an existing ID and try it again
EW2FD0E	ID is NULL value	Register non NULL ID
EW2FD0E	Entered ID is	Enter ID that is not
EW2FD10	It is not sensitive mode for removal detection	Enter two IDs and passwords to be sensitive mode for removal detection
EW2FD10	Not in removal sensitive mode	Enter removal sensitive id and password
EW2FF0F	ID is not found	Set existing ID
EW3FA00	Undefined action	Check firmware source code
EW3FA00	Undefined EPP state	Check EPP module
EW3FD01	The count of ID/password that are not default is less than two	Enter more than two IDs and passwords that are not default
EW3FD01	Not two ID	Register at least 2 ID
EW3FD0E	Entered ID is	Enter ID that is not
EW3FD0E	ID is NULL value	Register non NULL ID
EW3FD10	Not in removal sensitive mode	Enter removal sensitive id and password
EW3FD10	It is not sensitive mode for removal detection	Enter two IDs and passwords to be sensitive mode for removal detection
EW3FD12	The two removal switches of EPP are not pressed correctly.	Check if two removal switches of EPP are pressed correctly.
EW3FD12	The two removal switches of EPP are not pressed correctly.	Check if two removal switches of EPP are pressed correctly.
EW4FA00	Undefined EPP state	Check EPP module
EW4FA00	Undefined action	Check firmware source code
EW4FD01	The count of ID/password that are not default is less than two	Enter more than two IDs and passwords that are not default
EW4FD01	Not two ID	Register at least 2 ID
EW4FD0E	ID is NULL value	Register non NULL ID
EW4FD0E	Entered ID is	Enter ID that is not
EW4FD10	It is not sensitive mode for removal detection	Enter two IDs and passwords to be sensitive mode for removal detection
EW4FD10	Not in removal sensitive mode	Enter removal sensitive id and password
EW5FD0F	Search ID count error	Check firmware source code
EW5FD10	It is not sensitive mode for removal detection	Enter two IDs and passwords to be sensitive mode for removal detection
EW5FF0F	ID is not found	Set existing ID

Problem Code	Problem Description	Troubleshooting
EW5FF0F	ID not found	Check existing ID
EX1FF01	Self Test Fail	Exchange EPP
EX1FF02	Initial State	Set Initialization State and Set installation state
EX1FF03	Initialization State	Set installation state
EX1FF04	Authorized Removal State	Set installation state
EX1FF05	Unauthorized Removal State	Set Initial State, Set Initialization State and Set installation state
EXX1000	Undefined main command	Check main command code
EXX1500	Glue attack is detected	Check EPP Key state
Ep00400	Encryption fails	Check SP/EP Communication
Ep00400	Encryption fails.	Check SP/EP Communication
Ep00500	EP Crypto Open fails	Check SP/EP Communication
Ep00600	Mac address comparison fails	Check Command Message
Ep00800	EP Crypto Done fails	Check command message
Ep00900	Not in auth init state	Authentication process needs between SP and EP
Ep01100	The received Mac address from SP	Check command message
Ep01200	The received serial number from SP	Check command message
FD14	Same removal detection ID entry	It needs to enter different removal detection ID
FD15	2nd ID is not NULL	It needs to do NVRAM CLEAR(Dip switch #1 on and off)
FD16	2nd ID is not NULL	It needs to do NVRAM CLEAR(dip switch #1 on and off)
FFF1	120 PIN entry excess within 1 hour	Wait until it reaches one hour
FFF3	Fail to inject TR34 RKL Key	Reboot EPP
Fpp001	Not auth success state	Authentication process needs between SP and EP
Fpp002	The stored Mac address of EPP is	Authentication process needs between SP and EP
Fpp003	Random number comparison fails	Authentication process needs between SP and EP
Fpp004	Encryption fails	Check command message
Fpp010	The stored serial number of EPP is	Authentication process needs between SP and EP
P5AF01	continuous same PIN (only for BRI)	DO not enter continuous same PIN (only for BRI)
P5AF02	continuous increment PIN (only for BRI)	Do not enter the continuous increment PIN (only for BRI)
P5AF03	contiuuous decrement PIN (only for BRI)	Do not enter the contiuuous decrement PIN (only for BRI)
P5AF04	special data PIN (only for BRI)	Do not enter the special data PIN (only for BRI)
P5AF05	When comparing PIN, the old PIN and the new PIN are the same.	The new PIN should be different from the old PIN.

Problem Code	Problem Description	Troubleshooting
P5AF06	When comparing PIN, the old PIN is not stored. (only for BRI)	Old PIN must be saved before comarping PINs (BRI only)
S006	Fail to get TR34 RKL EPP cert	Inject EPP cert
S008	Fail to TR34 RKL bind	Check if host cert is valid
S009	Fail to TR34 RKL unbind	Check if host cert for unbinding is valid
S00A	Fail to load TR34 RKL master key	Check if master key block is valid
Z000	RSA key injection in field lock status	It cannot inject RSA keys in field lock status.
p004	Encryption fails	Check command message
p005	EP Crypto Open fails	Check command message
p006	Mac address comparison fails	Check command message
p007	Serial number comparison fails	Check command message
p008	EP Crypto Done fails	Check command message
p009	Not in auth init state	Authentication process needs between SP and EP
p011	The received Mac address from SP	Check command message
p012	The received serial number from SP	Check command message
p018	Invalid return value	Replace EPP

## Chapter 7. PNC

Problem Code	Problem Description	Troubleshooting
5S13100	Shutter unlock failure	Remove obstacle in shutter lock part. Replace solenoid module.
5S13200	Shutter lock failure	Remove obstacle in shutter lock part
5S14100	shutter open failure	Remove obstacle in shutter path
5S14200	Shutter close failure	Remove obstacle in shutter path
5S16D00	timeout over	Remove obstacle in shutter path. Replace IPNC B/D.
5S17100	parameter in DutySet CMD has invalid value	check SP setting value in registry
5S17200	duty parameter in CloseStep CMD has invalid value	check SP setting value in registry
5S17300	time parameter in CloseStep CMD has invalid value	check SP setting value in registry
5S1BD00	Missmatch connected B/D  (Shutter could not control with sub B/D of OPL/Palm)	Check sub B/D of shutter. Check connector.
9701020	PNC Board is BOOT mode	Download main firmware file
A86F00	Undefined CMD	Check MI of CMD
A96200	Missmatch received data size with bulk length value	Check data of communicated
A96300	Failure to check CRC	Check data of communicated
A96400	Invalid sequence number	Check data of communicated
A96500	received data size mismatch with bulk length that received in control.	Check data of communicated
A96600	did not regist callback function that process bulk data.	update firmware or replace unit
B86F00	Undefined CMD	Check MI of CMD
B96200	Missmatch received data size with bulk length value	Check data of communicated
B96300	Failure to check CRC	Check data of communicated
B96400	Invalid sequence number	Check data of communicated
B96500	received data size mismatch with bulk length that received in control.	Check data of communicated
B96600	did not regist callback function that process bulk data.	update firmware or replace unit
C86100	Invalid data in output settings	Check value of data
C86E00	Undefined Sub CMD	Check SubMI of CMD
C96200	Missmatch received data size with bulk length value	Check data of communicated

Problem Code	Problem Description	Troubleshooting
C96300	Failure to check CRC	Check data of communicated
C96400	Invalid sequence number	Check data of communicated
C96500	received data size mismatch with bulk length that received in control.	Check data of communicated
C96600	did not regist callback function that process bulk data.	update firmware or replace unit
D96200	Missmatch received data size with bulk length value	Check data of communicated
D96300	Failure to check CRC	Check data of communicated
D96400	Invalid sequence number	Check data of communicated
D96500	received data size mismatch with bulk length that received in control.	Check data of communicated
D96600	did not regist callback function that process bulk data.	update firmware or replace unit
E86F00	Undefined CMD	Check MI of CMD
E96200	Missmatch received data size with bulk length value	Check data of communicated
E96300	Failure to check CRC	Check data of communicated
E96400	Invalid sequence number	Check data of communicated
E96500	received data size mismatch with bulk length that received in control.	Check data of communicated
E96600	did not regist callback function that process bulk data.	update firmware or replace unit
F86E00	Undefined Sub CMD	Check SubMI of CMD
F95100	Fail memory access about unit info.	replace unit
F96200	Missmatch received data size with bulk length value	Check data of communicated
F96300	Failure to check CRC	Check data of communicated
F96400	Invalid sequence number	Check data of communicated
F96500	received data size mismatch with bulk length that received in control.	Check data of communicated
F96600	did not regist callback function that process bulk data.	update firmware or replace unit
G86F00	Undefined CMD	Check MI of CMD
G96200	Missmatch received data size with bulk length value	Check data of communicated
G96300	Failure to check CRC	Check data of communicated
G96400	Invalid sequence number	Check data of communicated
G96500	received data size mismatch with bulk length that received in control.	Check data of communicated

Problem Code	Problem Description	Troubleshooting
G96600	did not regist callback function that process bulk data.	update firmware or replace unit
H86E00	Undefined Sub CMD	Check SubMI of CMD
H96200	Missmatch received data size with bulk length value	Check data of communicated
H96300	Failure to check CRC	Check data of communicated
H96400	Invalid sequence number	Check data of communicated
H96500	received data size mismatch with bulk length that received in control.	Check data of communicated
H96600	did not regist callback function that process bulk data.	update firmware or replace unit
I21100	OPL control failure that move to down position. down sensor not detected.	Check down sensor for OPL or remove obtacle. replace the sensor that did not work.
I21200	OPL control failure that escape from down position. down sensor remained detect.	Check down sensor for OPL or remove obtacle. replace the sensor that did not work.
I22100	OPL control failure that move to up position. up sensor not detected.	Check up sensor for OPL or remove obtacle. replace the sensor that did not work.
I22200	OPL control failure that escape from up position. up sensor remained detect.	Check up sensor for OPL or remove obtacle. replace the sensor that did not work.
I2BD00	Sub B/D not connected	Check sub B/D for OPL/PALM control
I2BM00	Unexpected OPL position. OPL moved to against direction.	Check sensor and motor for OPL. replace sensor or motor that did not work. It can be occurred to pushed OPL by costumer during move to up position.
I2BS00	Up, Down Sensor for OPL is failure. (all dark detected)	Check sensor status for OPL. replace the sensor that did not work.
I31100	PALM guide control failure that move to down position. down sensor not detected.	Check down sensor for PALM or remove obtacle. replace the sensor that did not work.
I31200	PALM guide control failure that escape from down position. down sensor remained detect.	Check down sensor for PALM or remove obtacle. replace the sensor that did not work.
I32100	PALM guide control failure that move to up position. up sensor not detected.	Check up sensor for PALM or remove obtacle. replace the sensor that did not work.
I32200	PALM guide control failure that escape from up position. up sensor remained detect.	Check up sensor for PALM or remove obtacle. replace the sensor that did not work.
I3BM00	Unexpected PALM Guide position. PALM Guide moved to against direction.	Check sensor and motor for PALM. replace sensor or motor that did not work.
I3BS00	Up, Down Sensor for PALM is failure. (all dark detected)	Check sensor status for PALM. replace the sensor that did not work.
I86100	OPL/PALM Initialize CMD parameter is invalid.	Check parameter value for OPL/PALM Initialize.
I86F00	Undefined CMD	Check MI of CMD
I96200	Missmatch received data size with bulk length value	Check data of communicated
I96300	Failure to check CRC	Check data of communicated

Problem Code	Problem Description	Troubleshooting
I96400	Invalid sequence number	Check data of communicated
I96500	received data size mismatch with bulk length that received in control.	Check data of communicated
I96600	did not regist callback function that process bulk data.	update firmware or replace unit
I96D00	OPL/PALM initialize processing timeout. (process not finished during in 4min.)	Check sensor and motor status for OPL/PALM. replace sensor or motor that did not work.
J96200	Missmatch received data size with bulk length value	Check data of communicated
J96300	Failure to check CRC	Check data of communicated
J96400	Invalid sequence number	Check data of communicated
J96500	received data size mismatch with bulk length that received in control.	Check data of communicated
J96600	did not regist callback function that process bulk data.	update firmware or replace unit
K86F00	Undefined CMD	Check MI of CMD
K96200	Missmatch received data size with bulk length value	Check data of communicated
K96300	Failure to check CRC	Check data of communicated
K96400	Invalid sequence number	Check data of communicated
K96500	received data size mismatch with bulk length that received in control.	Check data of communicated
K96600	did not regist callback function that process bulk data.	update firmware or replace unit
L86F00	Undefined CMD	Check MI of CMD
L96200	Missmatch received data size with bulk length value	Check data of communicated
L96300	Failure to check CRC	Check data of communicated
L96400	Invalid sequence number	Check data of communicated
L96500	received data size mismatch with bulk length that received in control.	Check data of communicated
L96600	did not regist callback function that process bulk data.	update firmware or replace unit
M21100	OPL control failure that move to down position. down sensor not detected.	Check down sensor for OPL or remove obtacle. replace the sensor that did not work.
M21200	OPL control failure that escape from down position. down sensor remained detect.	Check down sensor for OPL or remove obtacle. replace the sensor that did not work.
M22100	OPL control failure that move to up position. up sensor not detected.	Check up sensor for OPL or remove obtacle. replace the sensor that did not work.
M22200	OPL control failure that escape from up position. up sensor remained detect.	Check up sensor for OPL or remove obtacle. replace the sensor that did not work.
M2BD00	Sub B/D not connected	Check sub B/D for OPL/PALM control

Problem Code	Problem Description	Troubleshooting
M2BM00	Unexpected OPL position. OPL moved to against direction.	Check sensor and motor for OPL. replace sensor or motor that did not work. It can be occurred to pushed OPL by customer during move to up position.
M2BS00	Up, Down Sensor for OPL is failure. (all dark detected)	Check sensor status for OPL. replace the sensor that did not work.
M31100	PALM guide control failure that move to down position. down sensor not detected.	Check down sensor for PALM or remove obstacle. replace the sensor that did not work.
M31200	PALM guide control failure that escape from down position. down sensor remained detect.	Check down sensor for PALM or remove obstacle. replace the sensor that did not work.
M32100	PALM guide control failure that move to up position. up sensor not detected.	Check up sensor for PALM or remove obstacle. replace the sensor that did not work.
M32200	PALM guide control failure that escape from up position. up sensor remained detect.	Check up sensor for PALM or remove obstacle. replace the sensor that did not work.
M3BM00	Unexpected PALM guide position. PALM guide moved to against direction.	Check sensor and motor for PALM guide. replace sensor or motor that did not work.
M3BS00	Up, Down Sensor for PALM is failure. (all dark detected)	Check sensor status for PALM. replace the sensor that did not work.
M86100	OPL/PALM control CMD parameter is invalid.	Check parameter value for OPL/PALM control.
M86F00	Undefined CMD	Check MI of CMD
M96200	Missmatch received data size with bulk length value	Check data of communicated
M96300	Failure to check CRC	Check data of communicated
M96400	Invalid sequence number	Check data of communicated
M96500	received data size mismatch with bulk length that received in control.	Check data of communicated
M96600	did not regist callback function that process bulk data.	update firmware or replace unit
M96D00	OPL/PALM processing timeout. (process not finished during in 4min.)	Check sensor and motor status for OPL/PALM. replace sensor or motor that did not work.
N86F00	Undefined CMD	Check MI of CMD
N96200	Missmatch received data size with bulk length value	Check data of communicated
N96300	Failure to check CRC	Check data of communicated
N96400	Invalid sequence number	Check data of communicated
N96500	received data size mismatch with bulk length that received in control.	Check data of communicated
N96600	did not regist callback function that process bulk data.	update firmware or replace unit
O86F00	Undefined CMD	Check MI of CMD
O96200	Missmatch received data size with bulk length value	Check data of communicated

Problem Code	Problem Description	Troubleshooting
O96300	Failure to check CRC	Check data of communicated
O96400	Invalid sequence number	Check data of communicated
O96500	received data size mismatch with bulk length that received in control.	Check data of communicated
O96600	did not regist callback function that process bulk data.	update firmware or replace unit
P86100	OPL/PALM Setting CMD parameter is invalid.	Check parameter value for OPL/PALM setting.
P86F00	Undefined CMD	Check MI of CMD
P96200	Missmatch received data size with bulk length value	Check data of communicated
P96300	Failure to check CRC	Check data of communicated
P96400	Invalid sequence number	Check data of communicated
P96500	received data size mismatch with bulk length that received in control.	Check data of communicated
P96600	did not regist callback function that process bulk data.	update firmware or replace unit
Q86F00	Undefined CMD	Check MI of CMD
Q96200	Missmatch received data size with bulk length value	Check data of communicated
Q96300	Failure to check CRC	Check data of communicated
Q96400	Invalid sequence number	Check data of communicated
Q96500	received data size mismatch with bulk length that received in control.	Check data of communicated
Q96600	did not regist callback function that process bulk data.	update firmware or replace unit
R86F00	Undefined CMD	Check MI of CMD
R96200	Missmatch received data size with bulk length value	Check data of communicated
R96300	Failure to check CRC	Check data of communicated
R96400	Invalid sequence number	Check data of communicated
R96500	received data size mismatch with bulk length that received in control.	Check data of communicated
R96600	did not regist callback function that process bulk data.	update firmware or replace unit
5S13100	Shutter unlock failure	Remove obstacle in shutter lock part. Replace solenoid module.
5S13200	Shutter lock failure	Remove obstacle in shutter lock part
5S14100	shutter open failure	Remove obstacle in shutter path
5S14200	Shutter close failure	Remove obstacle in shutter path

Problem Code	Problem Description	Troubleshooting
5S16D00	timeout over	Remove obstacle in shutter path. Replace IPNC B/D.
5S17100	parameter in DutySet CMD has invalid value	check SP setting value in registry
5S17200	duty parameter in CloseStep CMD has invalid value	check SP setting value in registry
5S17300	time parameter in CloseStep CMD has invalid value	check SP setting value in registry
5S1BD00	Missmatch connected B/D (Shutter could not control with sub B/D of OPL/Palm)	Check sub B/D of shutter. Check connector.
S86F00	Undefined CMD	Check MI of CMD
S96200	Missmatch received data size with bulk length value	Check data of communicated
S96300	Failure to check CRC	Check data of communicated
S96400	Invalid sequence number	Check data of communicated
S96500	received data size mismatch with bulk length that received in control.	Check data of communicated
S96600	did not regist callback function that process bulk data.	update firmware or replace unit
T86F00	Undefined CMD	Check MI of CMD
T96200	Missmatch received data size with bulk length value	Check data of communicated
T96300	Failure to check CRC	Check data of communicated
T96400	Invalid sequence number	Check data of communicated
T96500	received data size mismatch with bulk length that received in control.	Check data of communicated
T96600	did not regist callback function that process bulk data.	update firmware or replace unit
U86E00	Undefined Sub CMD	Check SubMI of CMD
U96200	Missmatch received data size with bulk length value	Check data of communicated
U96300	Failure to check CRC	Check data of communicated
U96400	Invalid sequence number	Check data of communicated
U96500	received data size mismatch with bulk length that received in control.	Check data of communicated
U96600	did not regist callback function that process bulk data.	update firmware or replace unit
U96700	received data size missmatch with download size.	Check data of communicated
U96800	Invalid size of download sector	Check data of communicated
U96900	size of download sector is over than 4KB.	Check data of communicated
U96A00	Total size of download data is over.	Check data of communicated

Problem Code	Problem Description	Troubleshooting
U96B00	sequence number that received in download CMD has not sequential.	Check data of communicated
U96C00	Failure to write downloaded data in memory	Check data of communicated
V86F00	Undefined CMD	Check MI of CMD
V96200	Missmatch received data size with bulk length value	Check data of communicated
V96300	Failure to check CRC	Check data of communicated
V96400	Invalid sequence number	Check data of communicated
V96500	received data size mismatch with bulk length that received in control.	Check data of communicated
V96600	did not regist callback function that process bulk data.	update firmware or replace unit
W86F00	Undefined CMD	Check MI of CMD
W96200	Missmatch received data size with bulk length value	Check data of communicated
W96300	Failure to check CRC	Check data of communicated
W96400	Invalid sequence number	Check data of communicated
W96500	received data size mismatch with bulk length that received in control.	Check data of communicated
W96600	did not regist callback function that process bulk data.	update firmware or replace unit
X86F00	Undefined CMD	Check MI of CMD
X96200	Missmatch received data size with bulk length value	Check data of communicated
X96300	Failure to check CRC	Check data of communicated
X96400	Invalid sequence number	Check data of communicated
X96500	received data size mismatch with bulk length that received in control.	Check data of communicated
X96600	did not regist callback function that process bulk data.	update firmware or replace unit
Y86F00	Undefined CMD	Check MI of CMD
Y96200	Missmatch received data size with bulk length value	Check data of communicated
Y96300	Failure to check CRC	Check data of communicated
Y96400	Invalid sequence number	Check data of communicated
Y96500	received data size mismatch with bulk length that received in control.	Check data of communicated
Y96600	did not regist callback function that process bulk data.	update firmware or replace unit
Z86F00	Undefined CMD	Check MI of CMD
Z96200	Missmatch received data size with bulk length value	Check data of communicated

Problem Code	Problem Description	Troubleshooting
Z96300	Failure to check CRC	Check data of communicated
Z96400	Invalid sequence number	Check data of communicated
Z96500	received data size mismatch with bulk length that received in control.	Check data of communicated
Z96600	did not regist callback function that process bulk data.	update firmware or replace unit

## Chapter 8. Receipt Printer

Problem Code	Problem Description	Troubleshooting
2010100	In case of detecting to be open lever of print head before printing receipt paper.	1.Close the lever of print head completely.
2010200	In case of detecting to be overheated in print head before printing receipt paper.	1.Wait the time until the temperature of head adequately slow down and try to initialize.
2010300	Paper jam occurs in return path before printing or cutting or discharging receipt paper.	1.Remove jammed paper between receipt printer head and rollers.
2010400	It is detected that paper is empty before printing receipt receipt printer.	1.Replenish receipt paper. 2.Check the status of sensor and its connector.
2010500	It is detected that paper is not properly set before printing.	1.Check the status of setting paper. 2.Check the status of sensor and its connector.
2010600	Command is received while doing self test.	1.After terminating self test and initialize receipt receipt printer.
2010800	It is detected when paper is not properly cut while operating.	1.Check the Cutter module. 2.Check if receipt printer head lever is properly close.
2010900	Black mark is not properly detected in receipt paper before printing.	1.Check the status of Black mark sensor. 2.Check if BlackMark Setting is correctly set.(If BlackMark unused, Dip Switch #2 ON or BlackMark Disable in VDM)).
2010A00	The size of image print data is abnormal while printing image.	1.Check the AP version and initialize.
2080100	In case of detecting to be open lever of print head after printing receipt paper.	1.Close the lever of print head completely.
2080200	In case of detecting to be overheated in print head after printing receipt paper.	1.Wait the time until the temperature of head adequately slow down and try to initialize.
2080300	Paper jam occurs in return path after printing or cutting or discharging receipt paper.	1.Remove jammed paper between receipt printer head and rollers.
2080400	It is detected that paper is empty after printing receipt receipt printer.	1.Replenish receipt paper. 2.Check the status of sensor and its connector.
2080500	It is detected that paper is not properly set after printing.	1.Check the status of setting paper. 2.Check the status of sensor and its connector.
2080600	Command is received while doing self test.	1.After terminating self test and initialize receipt receipt printer. 2.Check the status of Near End sensor and its connector.
2080800	It is detected that paper is not properly cut while operating.	1.Check the Cutter module. 2.Check if receipt printer head lever is properly close.
2080900	Black mark is not properly detected in receipt paper after printing.	1.Check the status of Black mark sensor. 2.Check if Dip switch # 6 is correctly set.(Dip switch # 6 is set by On in case of not using Black mark).
2080A00	The size of image print data is abnormal while printing image.	1.Check the AP version and initialize.
2080B00	Margin setting error.	1. Check whether the default registry setting is changed. 2. Reset the PTR SP.

Problem Code	Problem Description	Troubleshooting
2080C00	Paper jammed at the exit of the slot.	1. Remove the jammed paper.
2080D00	Paper jam in path of dispense.	1. Remove the jammed paper.
2080E00	Error of Data Checksum	1. Update the firmware. or Replace device.
2080F00	Undefined Command or The firmware crashed.	1. Update the firmware. or Replace device.
2080I00	Use to same sequence number.Sequence number must be different to previous sequence number.	Need to check SP process.
2080K00	It means Image print is not finished.When SPR print image data with receive,If no more data received then SPR can not print all image data.	Cause is as follows.1. Cable is low quality. 2. USB disconnect. 3. SP is not work continuously.Need to analyze tracelog for more infomation.
2DN00	Communication failure between receipt printer and SP	check cable

## Chapter 9. RF Reader

Problem Code	Problem Description	Troubleshooting
9R11200	Fail to connect device or initialize device.	check communication cable.
9R13100	Fail to communicate	check communication cable
9R13101	RF Software occurs error.	Restart the system and check if the problem persists. If it repeats, update the software.
9R13102	RF Software occurs error.	Restart the system and check if the problem persists. If it repeats, update the software.
9R13103	RF Software occurs error.	Restart the system and check if the problem persists. If it repeats, update the software.
9R13104	communication fail.	1. Check communication cable. 2. call your attendant
9R13106	RF Software occurs error.	Restart the system and check if the problem persists. If it repeats, update the software.
9r1310a	The card is invalid or not support media	Check the card protocol and use supported card
9r1310b	Vivotech RF : Command not Allowed.	Check the communication cable connected to the device. Check if the device is turned on. If it is a USB connection, remove the cable and connect it to see if there is a response in the device manager.
9r1310c	Vivotech RF : Sub Command not Allowed.	Check the communication cable connected to the device. Check if the device is turned on. If it is a USB connection, remove the cable and connect it to see if there is a response in the device manager.
9RA0000	Perform a status code indicating that the EP download.	Restart the system and check if the problem persists. If it repeats, update the software.
9RB0000	Firmware Download Fail	1. Check for Serial Communication Cable 2. Check for Firmware Raw File corruption.
R020005	RF Device Certification Error	Because it is a card data error, change the card and test. If the problem repeats, restart the system.
R020014	Error about transmitting and receiving the text.	Check the communication cable connected to the device. Check if the device is turned on. If it is a USB connection, remove the cable and connect it to see if there is a response in the device manager.
R020016	Error about balance increase process	Because it is a card data error, change the card and test. If the problem repeats, restart the system.
R020055	Text error (Invalid format)	Check the communication cable connected to the device. Check if the device is turned on. If it is a USB connection, remove the cable and connect it to see if there is a response in the device manager.
R020056	Communication fail (Frame error)	Check the communication cable connected to the device. Check if the device is turned on. If it is a USB connection, remove the cable and connect it to see if there is a response in the device manager.
R0200FF	RF Device Operation Error	Check the communication cable connected to the device. Check if the device is turned on. If it is a USB connection, remove the cable and connect it to see if there is a response in the device manager.

Problem Code	Problem Description	Troubleshooting
r0203ED	Fail to Open device	Check the communication cable connected to the device. Check if the device is turned on. If it is a USB connection, remove the cable and connect it to see if there is a response in the device manager.
r0203F0	usb write error	Check the communication cable connected to the device. Check if the device is turned on. If it is a USB connection, remove the cable and connect it to see if there is a response in the device manager.
r0203F1	usb read error	Check the communication cable connected to the device. Check if the device is turned on. If it is a USB connection, remove the cable and connect it to see if there is a response in the device manager.
R050000	ERROR	Restart the system and check if the problem persists. If it repeats, update the software.
R050200	UNSUPPORTED	Restart the system and check if the problem persists. If it repeats, update the software.
R050300	FAILED	Restart the system and check if the problem persists. If it repeats, update the software.
R050400	NAK	Because it is a card data error, change the card and test. If the problem repeats, restart the system.
R050500	DATA MISSING	Because it is a card data error, change the card and test. If the problem repeats, restart the system.
R050600	LRC ERROR	Because it is a card data error, change the card and test. If the problem repeats, restart the system.
R050700	TLV ERROR	Because it is a card data error, change the card and test. If the problem repeats, restart the system.
R050800	Requested parameter is out of scope	Because it is a card data error, change the card and test. If the problem repeats, restart the system.
R050900	STX MISSING	Because it is a card data error, change the card and test. If the problem repeats, restart the system.
R051000	ETX MISSING	Because it is a card data error, change the card and test. If the problem repeats, restart the system.
R051100	UNKNOWN OPCODE	Because it is a card data error, change the card and test. If the problem repeats, restart the system.
R051200	TOO MANY INSTRUCTIONS	Because it is a card data error, change the card and test. If the problem repeats, restart the system.
R051300	Parameter is not supported	Because it is a card data error, change the card and test. If the problem repeats, restart the system.
R051400	MEMORY ERROR	Because it is a card data error, change the card and test. If the problem repeats, restart the system.
R051500	BUFFER OVERFLOW	Because it is a card data error, change the card and test. If the problem repeats, restart the system.
R051700	COM TIMEOUT	Because it is a card data error, change the card and test. If the problem repeats, restart the system.
R051800	CONFIG ERROR	Because it is a card data error, change the card and test. If the problem repeats, restart the system.

Problem Code	Problem Description	Troubleshooting
R051900	INVALID DATA	Because it is a card data error, change the card and test. If the problem repeats, restart the system.
R052000	INCOMPLETE DATA	Because it is a card data error, change the card and test. If the problem repeats, restart the system.
R052100	UNKNOWN DATA	Because it is a card data error, change the card and test. If the problem repeats, restart the system.
R052200	Collision detected - More than one PICC in the RF Field	Because it is a card data error, change the card and test. If the problem repeats, restart the system.
R052300	Unable to write to the PCD Nonvolatile memory	Restart the system and check if the problem persists. If it repeats, replace the hardware.
R052400	Unable to read from the PCD Nonvolatile memory	Restart the system and check if the problem persists. If it repeats, replace the hardware.
R052500	RF failure (without PCD Error Recovery Sequence)	Restart the system and check if the problem persists. If it repeats, replace the hardware.
R052600	RF failure after PCD Error Recovery Sequence	Restart the system and check if the problem persists. If it repeats, replace the hardware.
R052700	PICC Data length overflow	Because it is a card data error, change the card and test. If the problem repeats, restart the system.
R052800	Hercules Error Code	Restart the system and check if the problem persists. If it repeats, update the software.
R052900	SAM/Contact general failure	Restart the system and check if the problem persists. If it repeats, update the software.
R053000	SAM not present	Restart the system and check if the problem persists. If it repeats, update the software.
R053100	SAM not active	Restart the system and check if the problem persists. If it repeats, update the software.
R053200	SAM Protocol error (Only in PCD control)	Restart the system and check if the problem persists. If it repeats, update the software.
R053300	Missing Parameter	Restart the system and check if the problem persists. If it repeats, update the software.
R053400	Application Disabled	Restart the system and check if the problem persists. If it repeats, update the software.
R053500	PCD Serial No. not suitable (For Password mechanism)	Restart the system and check if the problem persists. If it repeats, update the software.
R053600	Index not found (for Indexed Objects).	Restart the system and check if the problem persists. If it repeats, update the software.
R053700	Hash doesn't match for a public key	Restart the system and check if the problem persists. If it repeats, update the software.
R053800	AID length error (index field)	Restart the system and check if the problem persists. If it repeats, update the software.
R053900	Data field length error	Restart the system and check if the problem persists. If it repeats, update the software.
R054000	Setup Error: The PCD failed during setup. When this failure happens - all commands will fail except Reset PCD.	Restart the system and check if the problem persists. If it repeats, update the software.
R054100	Sub Scheme not Applicable	Restart the system and check if the problem persists. If it repeats, update the software.

Problem Code	Problem Description	Troubleshooting
R054200	PKI Storage Error. If the PCD encounters storage error during power-up it will refuse all Poll EMV (Do an EMV Transaction) Template commands with this error code. In addition this error can occur on a temporary storage error.	Restart the system and check if the problem persists. If it repeats, update the software.
R054300	Contactless Transaction Terminated	Restart the system and check if the problem persists. If it repeats, update the software.
R054400	Poll EMV Timeout ended	Restart the system and check if the problem persists. If it repeats, update the software.
R054500	EMV TRANSACTION CANCELLED	Restart the system and check if the problem persists. If it repeats, update the software.
R054600	PCD is BUSY	Restart the system and check if the problem persists. If it repeats, update the software.
R054700	Terminal Not Authorized	Restart the system and check if the problem persists. If it repeats, update the software.
R054800	Secret Parameter Error	Restart the system and check if the problem persists. If it repeats, update the software.
R054900	BOOT TARGET ID ERROR	Restart the system and check if the problem persists. If it repeats, update the software.
R055000	BOOT PACKET LEN ERROR	Restart the system and check if the problem persists. If it repeats, update the software.
R055100	BOOT FILE TOO BIG	Restart the system and check if the problem persists. If it repeats, update the software.
R055200	BOOT STAMP ERROR	Restart the system and check if the problem persists. If it repeats, update the software.
R055300	BOOL FILE TARGET ERROR	Restart the system and check if the problem persists. If it repeats, update the software.
R055400	BOOT KEY VERSION ERROR	Restart the system and check if the problem persists. If it repeats, update the software.
R055500	BOOT HASH ALGO ERROR	Restart the system and check if the problem persists. If it repeats, update the software.
R055600	BOOT META NOT ORIGINAL	Restart the system and check if the problem persists. If it repeats, update the software.
R055700	BOOT META MISS MANDATORY	Restart the system and check if the problem persists. If it repeats, update the software.
R055800	BOOT META TLV ERROR	Restart the system and check if the problem persists. If it repeats, update the software.
R055900	BOOT META LEN ERROR	Restart the system and check if the problem persists. If it repeats, update the software.
R056000	BOOT META VERSION ERROR	Restart the system and check if the problem persists. If it repeats, update the software.
R056100	PARAM MISSING	Restart the system and check if the problem persists. If it repeats, update the software.

Problem Code	Problem Description	Troubleshooting
R056200	INSUFFICIENT CREDIT	Restart the system and check if the problem persists. If it repeats, update the software.
R056300	BUFFER LENGTH	Restart the system and check if the problem persists. If it repeats, update the software.
R062000	[TIT] Command undefined	Restart the system and check if the problem persists.
R062001	[TIT] Parameter incorrect - BootMode	Restart the system and check if the problem persists.
R062002	[TIT] Command cannot be executed	Restart the system and check if the problem persists.
R062004	[TIT] Command data error	Restart the system and check if the problem persists.
R062021	[TIT] Read error - Pre-amble error	Because it is a card data error, change the card and test. If the problem repeats, restart the system.
R062022	[TIT] Read error - Post-amble error	Because it is a card data error, change the card and test. If the problem repeats, restart the system.
R062023	[TIT] Read error - LRC error	Because it is a card data error, change the card and test. If the problem repeats, restart the system.
R062024	[TIT] Read error - Parity error	Because it is a card data error, change the card and test. If the problem repeats, restart the system.
R062025	[TIT] Read error - Blank error	Because it is a card data error, change the card and test. If the problem repeats, restart the system.
R062027	[TIT] Card entry disabled	Restart the system. If it repeats, replace the device.
R062040	[TIT] Not Support Protocol	Check the communication cable connected to the device. Check if the device is turned on. If it is a USB connection, remove the cable and connect it to see if there is a response in the device manager.
R062301	[TIT] 1st index down error	Check the communication cable connected to the device. Check if the device is turned on. If it is a USB connection, remove the cable and connect it to see if there is a response in the device manager.
R062302	[TIT] 2nd index down error	Check the communication cable connected to the device. Check if the device is turned on. If it is a USB connection, remove the cable and connect it to see if there is a response in the device manager.
R062303	[TIT] 3rd index down error	Check the communication cable connected to the device. Check if the device is turned on. If it is a USB connection, remove the cable and connect it to see if there is a response in the device manager.
R062304	[TIT] 4th index down error	Check the communication cable connected to the device. Check if the device is turned on. If it is a USB connection, remove the cable and connect it to see if there is a response in the device manager.
R062305	[TIT] 5th index down error	Check the communication cable connected to the device. Check if the device is turned on. If it is a USB connection, remove the cable and connect it to see if there is a response in the device manager.
R062306	[TIT] 6th index down error	Check the communication cable connected to the device. Check if the device is turned on. If it is a USB connection, remove the cable and connect it to see if there is a response in the device manager.

Problem Code	Problem Description	Troubleshooting
R062307	[TIT] 7th index down error	Check the communication cable connected to the device. Check if the device is turned on. If it is a USB connection, remove the cable and connect it to see if there is a response in the device manager.
R062308	[TIT] 8th index down error	Check the communication cable connected to the device. Check if the device is turned on. If it is a USB connection, remove the cable and connect it to see if there is a response in the device manager.
R063101	[TIT] API Not Supported	Check the communication cable connected to the device. Check if the device is turned on. If it is a USB connection, remove the cable and connect it to see if there is a response in the device manager.
R063102	[TIT] Input File Error	Remove the firmware file in the SP folder and restart the system.
R063103	[TIT] Cancel by User	Check the communication cable connected to the device. Check if the device is turned on. If it is a USB connection, remove the cable and connect it to see if there is a response in the device manager.
R063104	[TIT] Port Not Supported	Check the communication cable connected to the device. Check if the device is turned on. If it is a USB connection, remove the cable and connect it to see if there is a response in the device manager.
R063105	[TIT] API In Use	Check the communication cable connected to the device. Check if the device is turned on. If it is a USB connection, remove the cable and connect it to see if there is a response in the device manager.
R063110	[TIT] Command Parameter Error	Check the communication cable connected to the device. Check if the device is turned on. If it is a USB connection, remove the cable and connect it to see if there is a response in the device manager.
R063120	[TIT] Response Timeout	Check the communication cable connected to the device. Check if the device is turned on. If it is a USB connection, remove the cable and connect it to see if there is a response in the device manager.
R063121	[TIT] Response Data Error	Check the communication cable connected to the device. Check if the device is turned on. If it is a USB connection, remove the cable and connect it to see if there is a response in the device manager.
R063122	[TIT] Response Command Error	Check the communication cable connected to the device. Check if the device is turned on. If it is a USB connection, remove the cable and connect it to see if there is a response in the device manager.
R063123	[TIT] Response BCC Error	Check the communication cable connected to the device. Check if the device is turned on. If it is a USB connection, remove the cable and connect it to see if there is a response in the device manager.
R063124	[TIT] Response NAK Error	Check the communication cable connected to the device. Check if the device is turned on. If it is a USB connection, remove the cable and connect it to see if there is a response in the device manager.

Problem Code	Problem Description	Troubleshooting
R063125	[TIT] Response DLE EOT Error	Check the communication cable connected to the device. Check if the device is turned on. If it is a USB connection, remove the cable and connect it to see if there is a response in the device manager.
R063126	[TIT] Response Waiting	Check the communication cable connected to the device. Check if the device is turned on. If it is a USB connection, remove the cable and connect it to see if there is a response in the device manager.
R063199	[TIT] Unknown Error	Check the communication cable connected to the device. Check if the device is turned on. If it is a USB connection, remove the cable and connect it to see if there is a response in the device manager.

## Chapter 10. Shutter

Problem Code	Problem Description	Troubleshooting
5C02000	Failed to close shutter	1. Remove the foreign materials in shutter. 2. Retry to close shutter. 3. Replace the Shutter if the same symptom recurs.
5C02100	Failed to lock solenoid	1. Remove the foreign materials in shutter. 2. Retry to close shutter. 3. Replace the Shutter if the same symptom recurs.
5CU0100	Invalid sequence number	1. Turn the power off and on check that it operates normally. 2. Replace the Shutter main board if the same symptom recurs.
5O01000	Failed to open shutter	1. Remove the foreign materials in shutter. 2. Retry to open shutter. 3. Replace the Shutter if the same symptom recurs.
5O01100	Failed to unlock solenoid.	1. Replace solenoid
5OU0100	Invalid sequence number	1. Turn the power off and on check that it operates normally. 2. Replace the Shutter main board if the same symptom recurs.
5U00000	No image data to update	1. Retry to Update. 2. Replace the Shutter if the same symptom recurs.
5U00100	Invalid command in flash.	1. Retry to update. 2. Replace the Shutter if the same symptom recurs.
5U00200	Source address is not on a word boundary.	1. Retry to update. 2. Replace the Shutter if the same symptom recurs.
5U00300	Destination address is not on a correct boundary.	1. Retry to update. 2. Replace the Shutter if the same symptom recurs.
5U00400	Source address is not mapped in the memory map.	1. Retry to update. 2. Replace the Shutter if the same symptom recurs.
5U00500	Destination address is not mapped in the memory.	1. Retry to update. 2. Replace the Shutter if the same symptom recurs.
5U00600	Byte count is not multiple of 4 or is not a permitted value.	1. Retry to update. 2. Replace the Shutter if the same symptom recurs.
5U00700	Sector number is invalid.	1. Retry to update. 2. Replace the Shutter if the same symptom recurs.
5U00800	Sector is not blank.	1. Retry to update. 2. Replace the Shutter if the same symptom recurs.
5U00900	Command to prepare sector for write operation was not executed.	1. Retry to update. 2. Replace the Shutter if the same symptom recurs.
5U01000	Source and destination data is not same.	1. Retry to update. 2. Replace the Shutter if the same symptom recurs.
5U01100	Flash programming hardware interface is busy.	1. Retry to update. 2. Replace the Shutter if the same symptom recurs.

Problem Code	Problem Description	Troubleshooting
5U05000	Image is not used in the shutter.	1. Retry to update. 2. Replace the Shutter if the same symptom recurs.
5U05100	Image contained wrong Program ID.	1. Retry to update. 2. Replace the Shutter if the same symptom recurs.
5U05200	Image contained wrong Unit ID.	1. Retry to update. 2. Replace the Shutter if the same symptom recurs.
5U05300	Occur CRC error in image header	1. Retry to update. 2. Replace the Shutter if the same symptom recurs.
5U05400	Occur CRC error in image data	1. Retry to update. 2. Replace the Shutter if the same symptom recurs.
5U06000	Received data that is smaller than size of image	1. Retry to update. 2. Replace the Shutter if the same symptom recurs.
5UU0100	Invalid sequence number	1. Turn the power off and on check that it operates normally. 2. Replace the Shutter main board if the same symptom recurs.
5VU0100	Invalid sequence number	1. Turn the power off and on check that it operates normally. 2. Replace the Shutter main board if the same symptom recurs.
5Z00000	Unknown command.	1. Turn the power off and on check that it operates normally. 2. Replace the Shutter main board if the same symptom recurs.
5Z09900	Occur internal system error.	1. Turn the power off and on check that it operates normally. 2. Replace the Shutter main board if the same symptom recurs.