# 13 Assembly Drawings

#### **INDEX**

**Cover Exp View** 

Ass'y Exp View

Frame Exp View

**Roller Exp View** 

**Cover Door Top** 

**Cover Door Top Upper** 

**Housing Pocket** 

Ass'y Ope

Plate Side R

Plate Side L

**Base Exp View** 

**Bkt Stacker Sensor** 

**Cover Top** 

**Shaft Case Detector** 

**Case Detector With MR** 

**Plate Reinforce** 

Plate Guide Upper

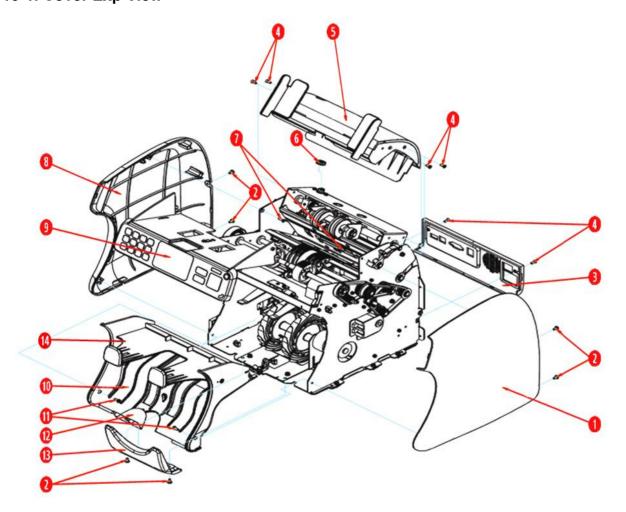
**Plate Guide Lower** 

**Exp Guide Lower-P** 

**Bkt Smps Bottom** 

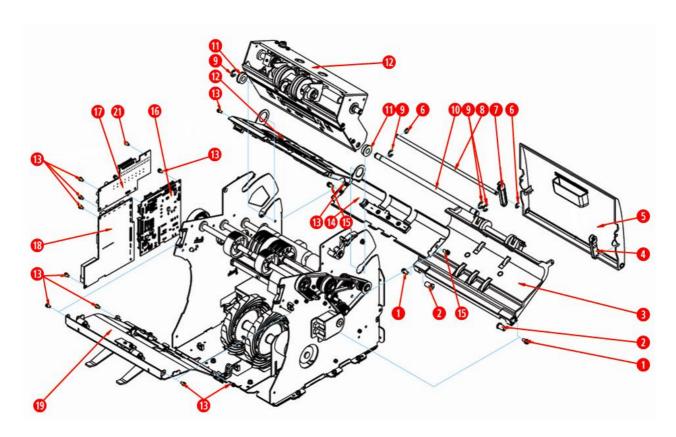
**Bkt Smps Top** 

## 13-1. Cover Exp View



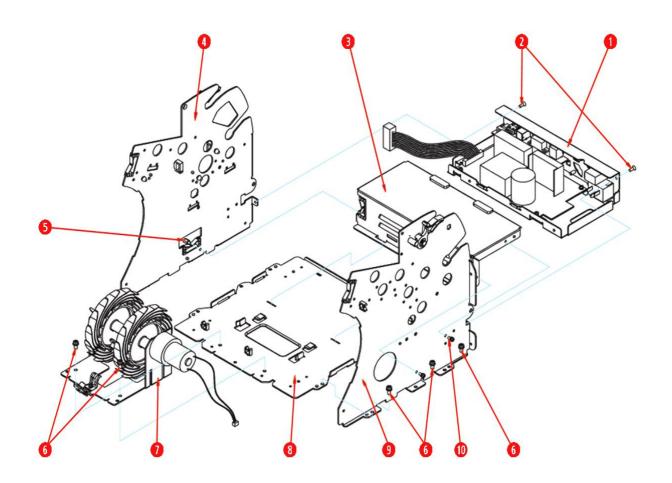
- 1 COVER\_RIGHT
- 2 SCREW\_M/C\_PWH\_M3X6\_Fe\_Ni
- 3 COVER\_SMPS
- 4 SCREW\_M/C\_FH\_M3X8\_Fe\_Ni
- 5 ASS'Y\_COVER\_DOOR\_TOP
- 6 COVER\_SPECIAL\_SCREW
- 7 SCREW\_T/P\_FH\_M3X10\_Fe\_ZB
- 8 COVER\_LEFT
- 9 ASS'Y\_OPE
- 10 ASS'Y\_HOUSING\_POCKET
- 11 SCREW\_T/P\_PH\_T2\_Ø3X8\_Fe\_Ni
- 12 CAP\_STACKER\_SENSOR
- 13 GUIDE\_STACKER
- 14 ASS'Y\_REJECT\_PLATE

### 13-2. Ass'y Exp View



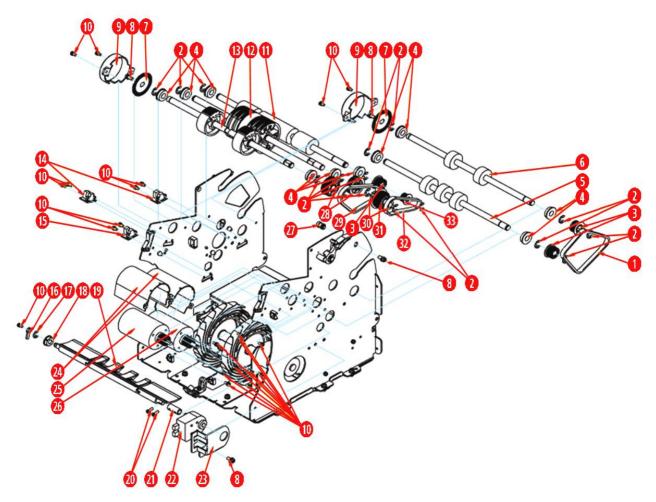
- 1 SCREW\_M/C\_PH/SWW\_M4X8\_Fe\_Ni
- 2 PIVOT HINGE LOWER
- 3 ASS'Y GUIDE LOWER
- 4 LINK\_COVER\_REAR\_L
- 5 COVER\_REAR
- 6 E RING Ø4(4x11x0.6) Fe ZB
- 7 LINK\_COVER\_REAR\_R
- 8 SHAFT\_COVER\_REAR
- 9 E RING Ø6(6x12x0.8) Fe ZB
- 10 SHAFT\_COVER\_TOP
- 11 BUSH\_HINGE
- 12 ASSY'\_PLATE\_GUIDE\_UPPER\_P
- 13 SCREW\_M/C\_PH/SWW\_M3X6\_Fe\_Zy
- 14 ASS'Y\_PLATE\_GUIDE\_LOWER\_P
- 15 SCREW\_M/C\_PH/SWW\_M4X8\_Fe\_Ni
- 16 P-MAIN V1.4
- 17 P-AMP V1.3
- 18 P-POWER\_IO V1.5
- 19 ASS'Y\_PLATE\_REINFORCE
- 20 ASS'Y\_COVER\_TOP
- 21 SCREW\_M/C\_PWH\_M3X6\_Fe\_Ni

## 13-3. Frame Exp View



- 1 ASS'Y\_BKT\_SMPS\_BOTTOM
- 2 SCREW\_M/C\_FH\_M3X8\_Fe\_Ni
- 3 ASS'Y\_BKT\_SMPS\_TOP
- 4 ASS'Y\_PLATE\_SIDE\_L
- 5 SUPPORT\_PCB
- 6 SCREW\_M/C\_PH/SWW\_M4X8\_Fe\_Ni
- 7 ASS'Y\_WING\_STACKER\_SENSOR
- 8 ASS'Y\_PLATE\_BASE\_P
- 9 ASS'Y\_PLATE\_SIDE\_R
- 10 SCREW\_M/C\_PH/SWW\_M3X6\_Fe\_Zy

### 13-4. Roller Exp View



- 1 BELT\_FEEDER (S3M228)
- 2 E\_RING\_Ø6(6x12x0.8)\_Fe\_ZB
- 3 PULLEY\_FEED
- 4 BEARING\_LF\_1680ZZ
- 5 ROLLER\_FEED\_2\_P
- 6 ROLLER\_FEED\_1\_P
- 7 BKT ENCODER
- 8 SCREW\_M/C\_PH/SWW\_M4X8\_Fe\_Ni
- 9 COVER\_ENCODER\_WHEEL
- 10 SCREW\_M/C\_PH/SWW\_M3X6\_Fe\_Zy
- 11 ROLLER\_FEED\_MR\_P
- 12 ROLLER\_ADF\_P (W/ WAVE\_WASHER\_GUIDE)
- 13 ROLLER\_PICK\_UP\_P
- 14 PBA ENCODER 2 (W/ SHP-01 Harness + 2 PBA)
- 15 PBA\_ENCODER\_1 (W/ SHP-27 Harness)
- 16 LINK SELECTOR
- 17 E RING Ø6(6x12x0.8) Fe ZB
- 18 BUSH SELECTOR
- 19 ASS'Y\_SWING\_SELECTOR
- 20 SCREW\_M/C\_PH\_M3X8\_Fe\_Zy

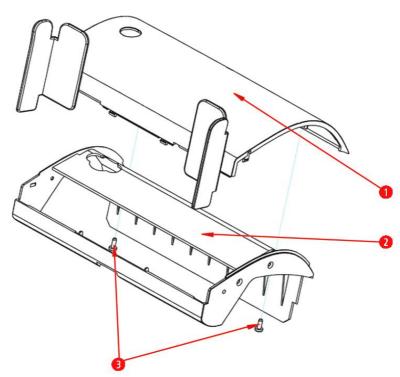
- 21 PIPE\_SELECTOR\_CONN
- 22 SOLENOID (KHA38H06A) (W/ SHP-19 Harness)
- 23 BKT SELECTOR P
- 24 MOTOR SHIELD
- 25 ASS'Y MOTOR FEED P (W/ Pulley and Harness)
- 26 ASS'Y MOTOR MAIN P (W/ Pulley and Harness)
- 27 PIVOT\_SUPPORT\_REAR
- 28 PULLEY\_ADF\_P

32

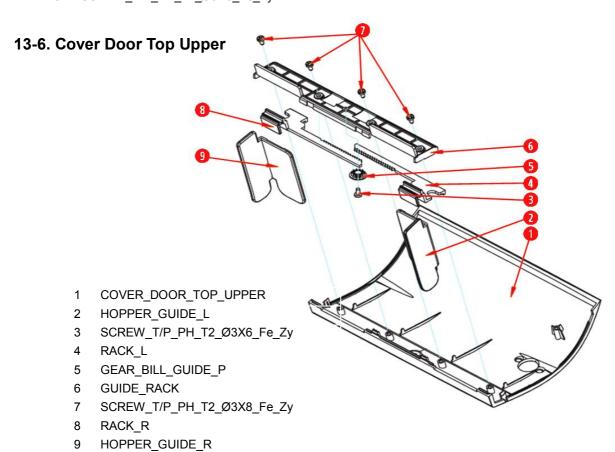
33

- 29 BELT\_ ADF (S3M189)
- 30 PLASTIC\_WASHER\_Ø8(8.2x13x\_0.25T)
- 31 ASS'Y\_PULLEY\_ADF\_CLUTCH (W/ BEARING)
  - BELT\_ADF\_FEEDER (S2M160)
  - PULLEY\_FEED\_CLUTCH

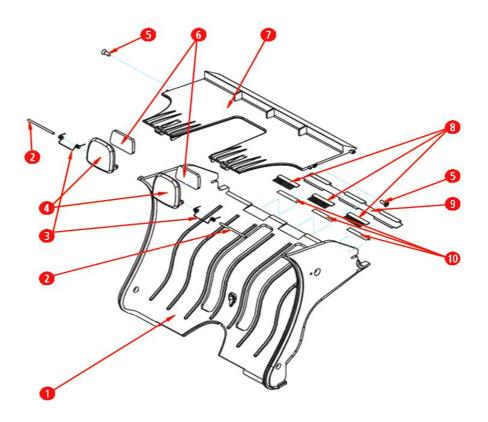
## 13-5. Cover Door Top



- 1 COVER\_DOOR\_TOP\_UPPER
- 2 COVER\_DOOR\_TOP\_LOWER
- 3 SCREW\_T/P\_PH\_T2\_Ø3X8\_Fe\_Zy

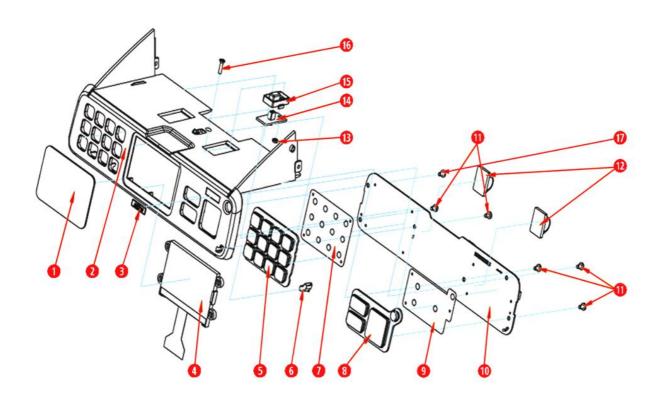


## 13-7. Housing Pocket



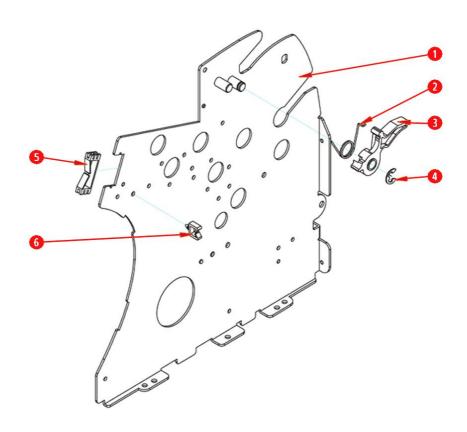
- 1 HOUSING\_POCKET
- 2 PIN\_REJECT\_BAR
- 3 SPRING\_LIMIT\_REJECT
- 4 LIMIT\_REJECT
- 5 SCREW\_T/P\_FH\_M3X8\_Fe\_Ni
- 6 PORON\_LIMIT\_REJECT
- 7 REJECT\_PLATE
- 8 ELECTRO\_BRUSH
- 9 BKT\_E\_BRUSH
- 10 TAPE\_E\_BRUSH

### 13-8. Ass'y OP PANEL



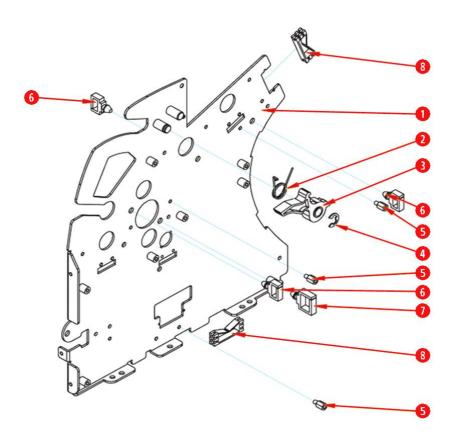
- 1 WINDOW\_LCD\_P (W/Tape)
- 2 COVER\_OP\_PANEL
- 3 ELECTRO\_FORMING\_BADGE
- 4 LCD(ODT\_TECH 128X80) (W/ 2P Harness)
- 5 BUTTON\_NUMERIC\_P
- 6 LENS\_LED
- 7 DOME\_SHEET\_NUMERIC
- 8 BUTTON\_FUNCTION\_P
- 9 DOME\_SHEET\_FUNCTION
- 10 P-OPE V1.4
- 11 SCREW\_T/P\_PH\_T2\_Ø3X6\_Fe\_Zy
- 12 QUICK\_CLAMP\_DQC\_106
- 13 HEX\_NUT\_M3X0.5\_Fe\_Zy
- 14 PBA\_HOPPER\_1 (W/ SHP-22 Harness)
- 15 WINDOW HOPPER
- 16 SCREW\_M/C\_FH\_M3X12\_Fe\_Ni
- 17 SCREW\_T/P\_PH\_T2\_Ø3X8\_Fe\_Zy

### 13-9. Plate Side R



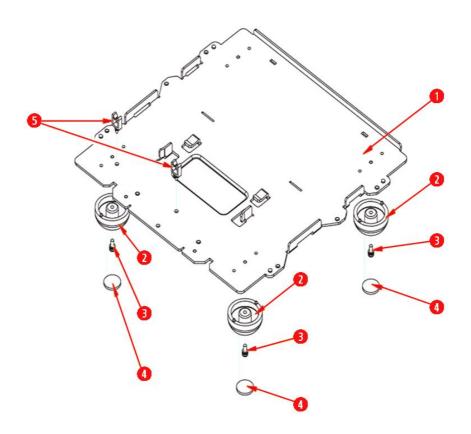
- 1 PLATE\_SIDE\_R
- 2 TORSION\_SPRING\_OPEN\_HOOK\_R\_P
- 3 OPEN\_HOOK\_R\_P
- 4 E\_RING\_Ø6(6x12x0.8)\_Fe\_ZB
- 5 COVER\_SADDLE\_DS-2
- 6 WIRE\_SADDLE\_SMALL

### 13-10. Plate Side L



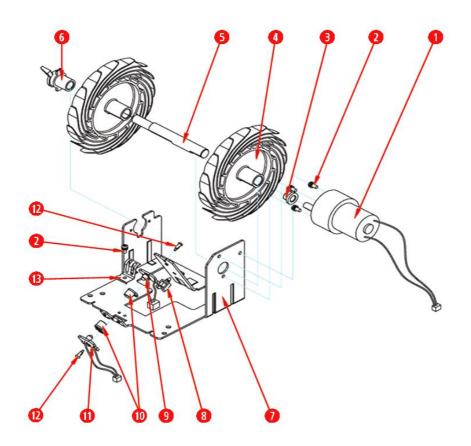
- 1 PLATE\_SIDE\_L
- 2 TORSION\_SPRING\_OPEN\_HOOK\_L\_P
- 3 OPEN\_HOOK\_L\_P
- 4 E\_RING\_Ø6(6x12x0.8)\_Fe\_ZB
- 5 SUPPORT\_PCB
- 6 SIDE\_LOCKING\_SADDLE\_DS-110
- 7 SIDE\_LOCKING\_SADDLE\_DS-111A
- 8 COVER\_SADDLE\_DS-2

# 13-11. Base Exp View



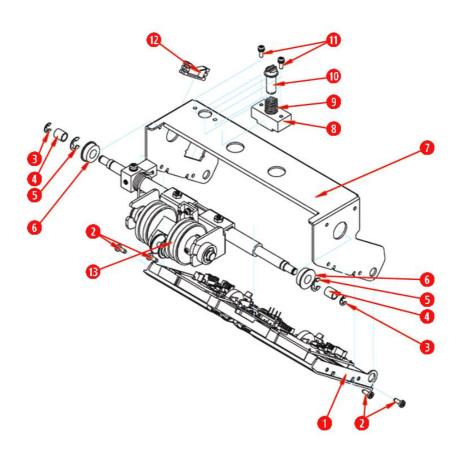
- 1 PLATE\_BASE\_P
- 2 FOOT\_MOLD
- 3 SCREW\_M/C\_PH/SWW\_M3X6\_Fe\_Zy
- 4 RUBBER\_FOOT\_P
- 5 WIRE\_SADDLE\_SMALL

#### 13-12. Bkt Stacker Sensor



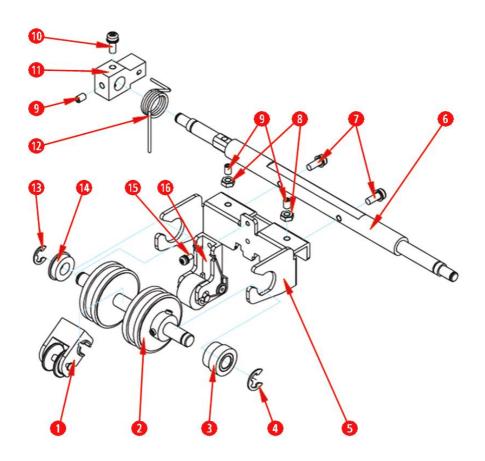
- 1 MOTOR\_STACKER (W/ SHP-18 Harness)
- 2 SCREW\_M/C\_PH/SWW\_M3X6\_Fe\_Zy
- 3 BUSH\_STACKER\_MOTOR\_P
- 4 WING\_STACKER\_P
- 5 SHAFT\_STACKER\_P
- 6 BUSH\_STACKER\_WING
- 7 BKT\_STACKER\_SENSOR\_P
- 8 WIRE\_SADDLE\_SMALL
- 9 P-STACKER\_TRN\_V1.2 (W/ 2P Harness)
- 10 CAP\_UV
- 11 P-STACKER\_RCV\_V1.2 (W/ 2P Harness)
- 12 SNAP\_RIVET\_(SR2664B)
- 13 GROUND\_FINGER

## 13-13. Cover Top



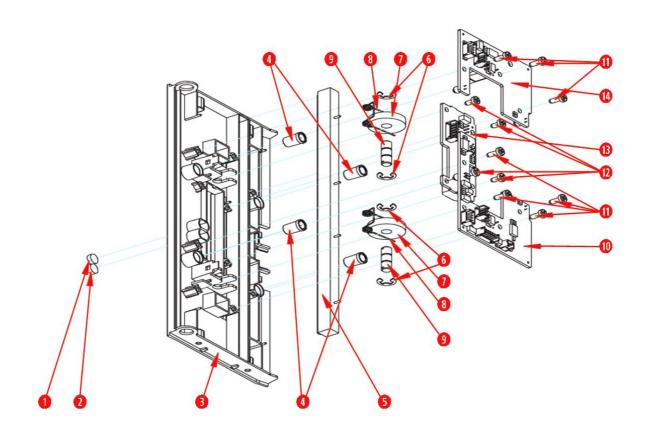
- 1 ASS'Y\_CASE\_DETECTOR
- 2 SCREW\_T/P\_PH\_T2\_Ø3X8\_Fe\_Zy
- 3 E\_RING\_Ø5(5x11x0.6)\_Fe\_ZB
- 4 BUSH\_REAR\_HINGE
- 5 E\_RING\_Ø6(6x12x0.8)\_Fe\_ZB
- 6 BUSH\_HINGE
- 7 BKT\_COVER\_TOP
- 8 ARM\_ADJUST\_UPPER
- 9 COIL\_SPRING\_ADJUST
- 10 SPECIAL\_SCREW\_ADJUST
- 11 SCREW\_M/C\_PH/SWW\_M3X8\_Fe\_Zy
- 12 COVER\_SADDLE\_DS-2
- 13 ASS'Y\_BKT\_SEPARATOR\_P

#### 13-14. Shaft Case Detector



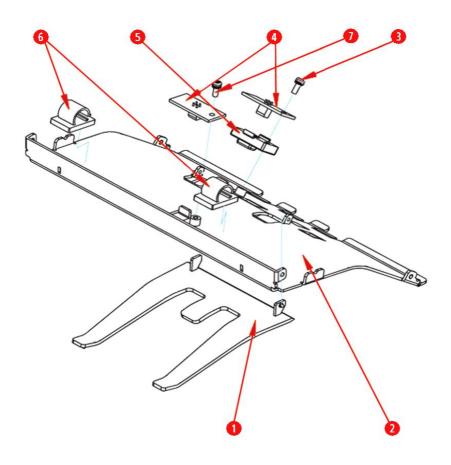
- 1 ASS'Y\_GUIDE\_PRESS\_ROLLER\_P
- 2 ROLLER\_SEPARATOR\_P
- 3 ASS'Y BUSH ONEWAY BEARING P
- 4 E\_RING\_Ø7(7x14x0.8)\_Fe\_ZB
- 5 BKT\_SEPARATOR\_P
- 6 SHAFT\_CASE\_DETECTOR
- 7 SCREW\_M/C\_PH/SWW\_M4X10\_Fe\_Ni
- 8 HEX\_NUT\_M4X0.7\_Fe\_Zy
- 9 SCREW\_SET\_SIH\_FP\_M4x6\_Fe\_ZB
- 10 SCREW\_M/C\_PH/SWW\_M4X20\_Fe\_Ni
- 11 ARM\_ADJUST\_LOWER
- 12 TORSION\_SPRING\_ADJUST
- 13 E\_RING\_Ø6(6x12x0.8)\_Fe\_ZB
- 14 BEARING\_LF\_1680ZZ
- 15 SCREW\_M/C\_PH/SWW\_M3X6\_Fe\_Zy
- 16 ASS'Y\_GUIDE\_TRANSFER\_ROLLER\_P

### 13-15. Case Detector With MR



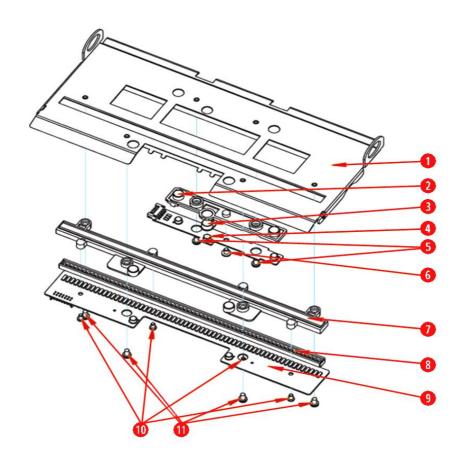
- 1 UV\_FILTER(N) (420nm, D7\*2.5T)
- 2 SUV\_FILTER (375nm, D7\*2.5T)
- 3 CASE\_DETECTOR
- 4 CAP\_RP
- 5 ASS'Y\_IR\_TRN
- 6 E\_RING\_Ø5(5x11x0.6)\_Fe\_ZB
- 7 ROLLER\_PINCH
- 8 TORSION\_SPRING\_PINCH\_MR
- 9 SHAFT\_PINCH\_MR
- 10 P-MRS\_L V1.4
- 11 SCREW\_T/P\_PH\_T2\_Ø3X8\_Fe\_Zy
- 12 SCREW\_T/P\_PH\_T2\_Ø3X6\_Fe\_Zy
- 13 P-MRA V1.3
- 14 P-MRS\_R V1.3

### 13-16. Plate Reinforce



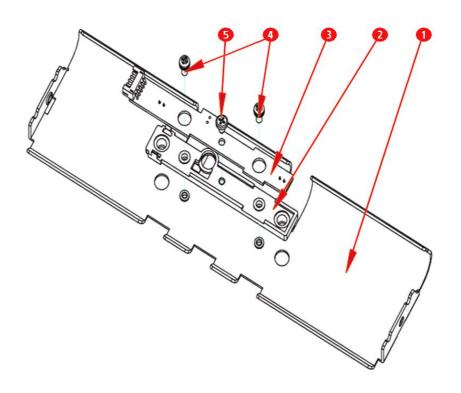
- 1 REJECT\_BAR\_P
- 2 PLATE\_REINFORCE
- 3 SCREW\_M/C\_PH/SWW\_M3X8\_Fe\_Zy
- 4 PBA\_HOPPER\_2 (W/ SHP-10 Harness + 2 PBA)
- 5 WINDOW\_HOPPER
- 6 QUICK\_CLAMP\_DQC\_103
- 7 SCREW\_M/C\_PH/SWW\_M3X6\_Fe\_Zy

## 13-17. Plate Guide Upper



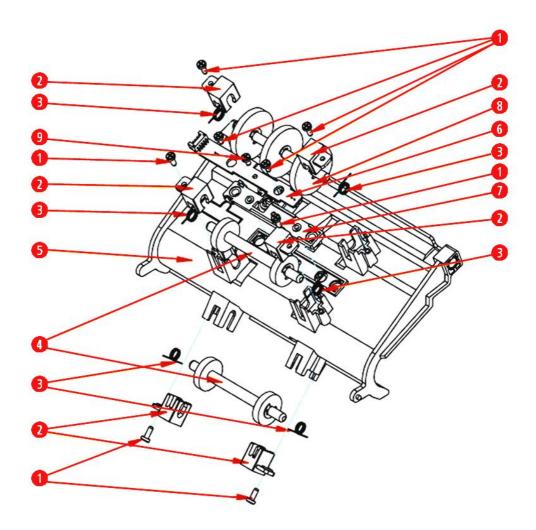
- 1 PLATE\_GUIDE\_UPPER\_P
- 2 COVER\_SENSOR
- 3 CAP\_UV
- 4 P-JP\_TRN V1.3
- 5 SCREW\_M/C\_PH/SW\_M3X8\_Fe\_Zy
- 6 SCREW\_T/P\_PH\_T2\_Ø3X6\_Fe\_Zy
- 7 COVER\_SENSOR\_IR
- 8 IR\_GUIDE
- 9 P-IR\_RCV V1.4
- 10 SCREW\_T/P\_PH\_T2\_Ø2.6X6\_Fe\_Zy
- 11 SCREW\_M/C\_PH/SW\_M3X8\_Fe\_Zy

## 13-18. Plate Guide Lower



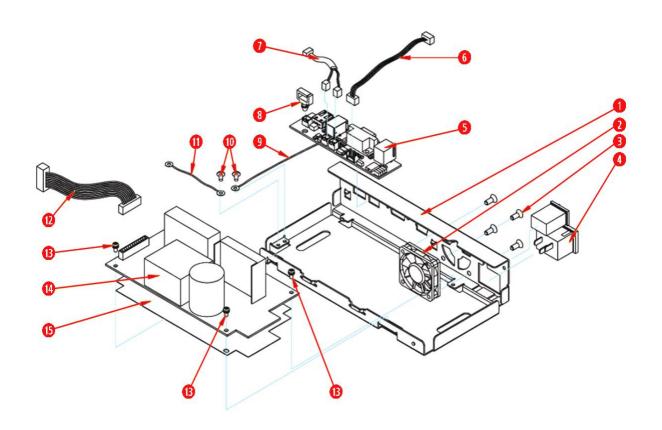
- 1 PLATE\_GUIDE\_LOWER\_P
- 2 COVER\_SENSOR
- 3 P-JPSP\_RCV V1.3
- 4 SCREW\_M/C\_PH/SW\_M3X8\_Fe\_Zy
- 5 SCREW\_T/P\_PH\_T2\_Ø3X6\_Fe\_Zy

## 13-19. Exp Guide Lower-P



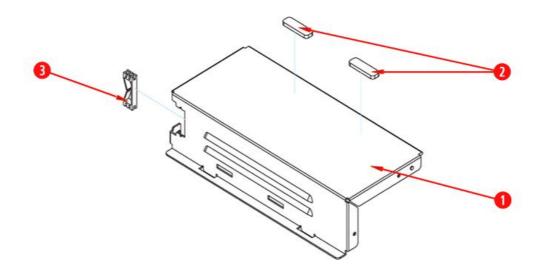
- 1 SCREW\_T/P\_PH\_T2\_Ø3X8\_Fe\_Zy
- 2 GUIDE\_PINCH\_ROLLER
- 3 TORSION\_SPRING\_PINCH
- 4 ASS'Y\_SHAFT\_PINCH
- 5 GUIDE\_LOWER
- 6 P-SP\_TRN V1.3
- 7 COVER\_SENSOR
- 8 ASS'Y\_SHAFT\_PINCH\_EXIT
- 9 SCREW\_T/P\_PH\_T2\_Ø3X6\_Fe\_Zy

#### 13-20. Bkt SMPS Bottom



- 1 BKT\_SMPS\_BOTTOM
- 2 COOLING\_FAN\_40X40(t=10mm) (W/ SHP-24 Harness)
- 3 SCREW\_T/P\_FH\_M4x10\_Fe\_Ni
- 4 SHP-23 3P (AC INLET)
- 5 P-IF\_V1.3
- 6 SHP-20 8P (MAIN-IF)
- 7 SHP-21 4P (MAIN-IF)
- 8 SIDE\_LOCKING\_SADDLE\_DS-111A
- 9 SHP-29 (IF-SASH)
- 10 SCREW\_M/C\_PWH\_M3X6\_Fe\_Zy
- 11 SHP-25 (IF-GROUND)
- 12 SHP-07 12P-10P (SMPS-POWER)
- 13 SCREW\_M/C\_PH/SWW\_M3X6\_Fe\_Zy
- 14 SMPS\_P
- 15 FLIM\_SMPS\_P

# 13-21. Bkt SMPS Top



- 1 BKT\_SMPS\_TOP
- 2 CUSHION\_SUPPRESS\_NOISE
- 3 COVER\_SADDLE\_DS-2