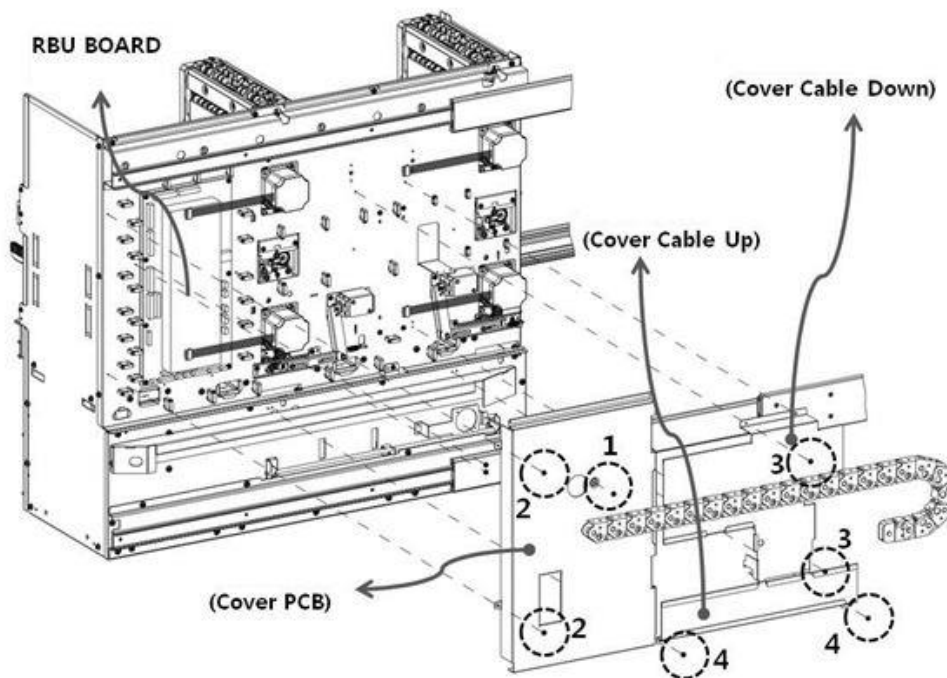


# Bill Recycle Module

## Replacing the BMD Module

### 1. Replacing the BMD RBU\_BOARD Module.

- Open the system door and take out the BMD.
  - Disassemble a M3 screw (1) / M3 screw (2) (2ea) and separate the cover PCB.
  - Disassemble the M3 screws (3) (2ea) and separate the cover cable up.
  - Disassemble the M3 screws (4) (2ea) and separate the cover cable down.
  - Disassemble the M3 screws (7ea) fixing RBU\_Board and separate the RBU board.
- Be careful for the disconnection / being stabbed of all cables when separating the cover kind.

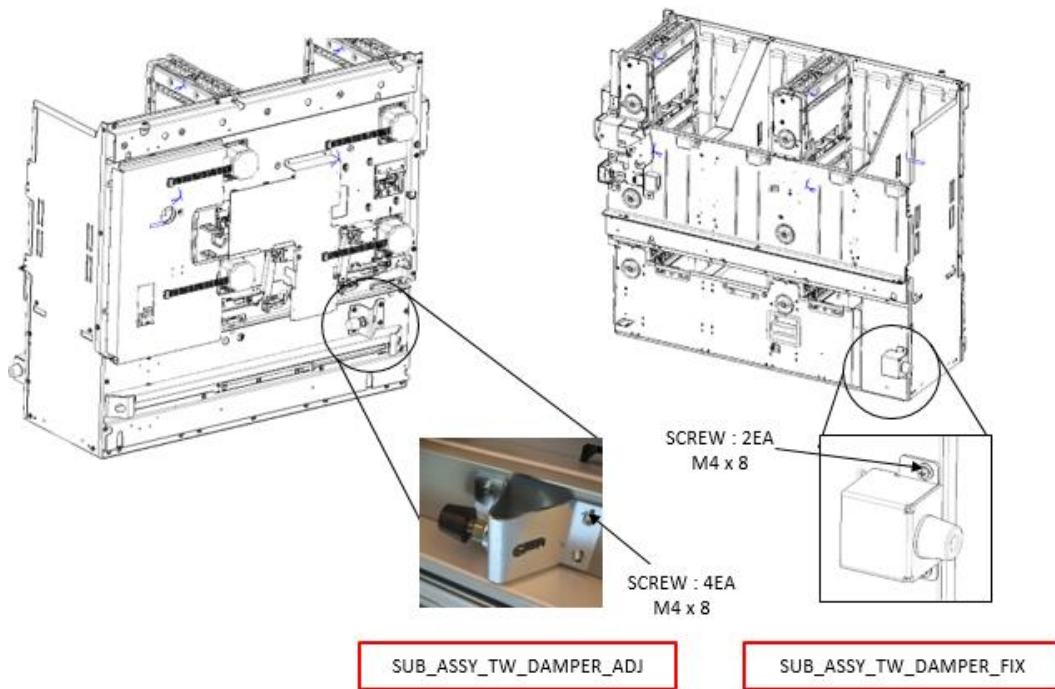


- Use the reverse order of disassembling to assemble again.

# Bill Recycle Module

## 2. Replacing the Lower Body Module (BMD) Damper

- Open the system door and take out the BMD.
- Disassemble the M4 screw (4ea) and separate the SUB ASSY\_TW\_DAMPER\_ADJ.
- Disassemble the M4 screw (2ea) and separate the SUB ASSY\_TW\_DAMPER\_FIX.



- Use the reverse order of disassembling to assemble again.

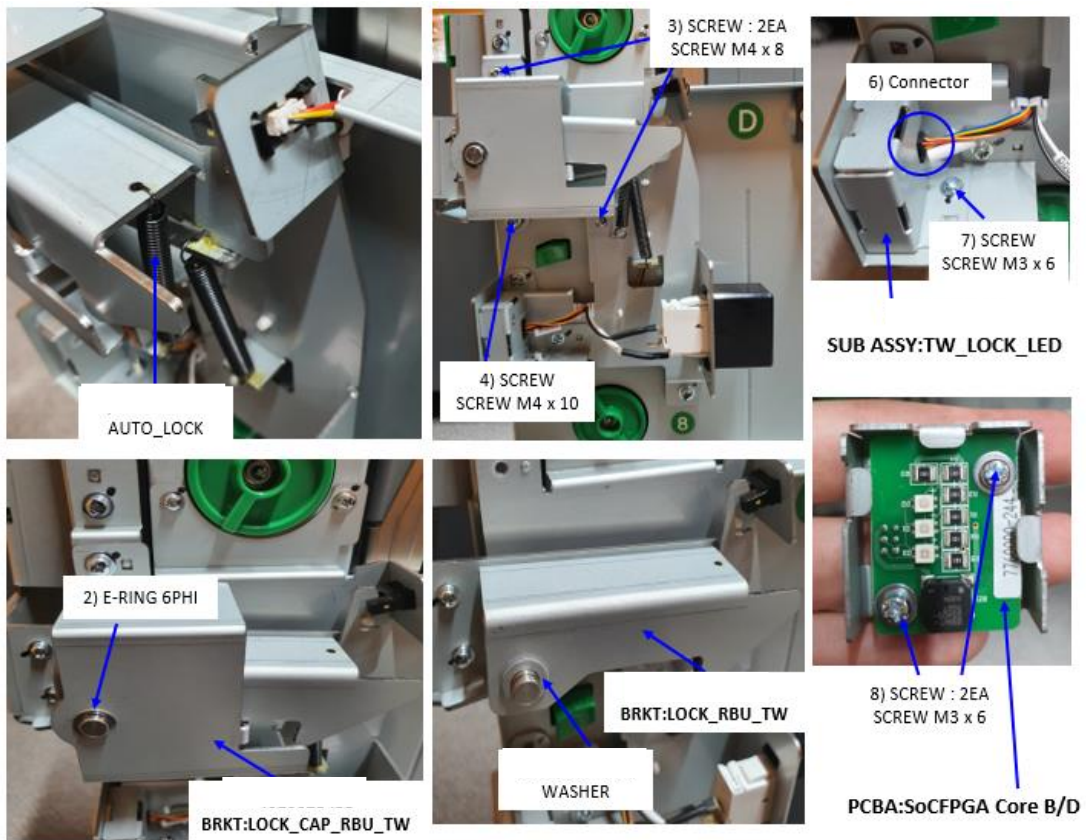
# Bill Recycle Module

## 3. Replacing PCBA: SoCFPGA Core B/D of lower section (BMD)

- Open the system door and take out BMD.

- 1) Disassemble the AUTO\_LOCK
- 2) Demount the E-RING 6 PHI
- 3) Disassemble the M4 x 8 screws (2ea)
- 4) Disassemble the M4 x 10 screw and separate BRKT : LOCK\_CAP\_RBU\_TW.
- 5) Demount the WASHER and separate BRKT : LOCK\_RBU\_TW.
- 6) Separate a connector.
- 7) Disassemble the M3 x 6 screw and separate ASSY\_TW\_LOCK\_LED.
- 8) Disassemble the M3 x 6 screws (2ea) and separate PCBA:SoCFPGA Core B/D.

Be careful for the disconnection / being stabbed of connector cable at this time

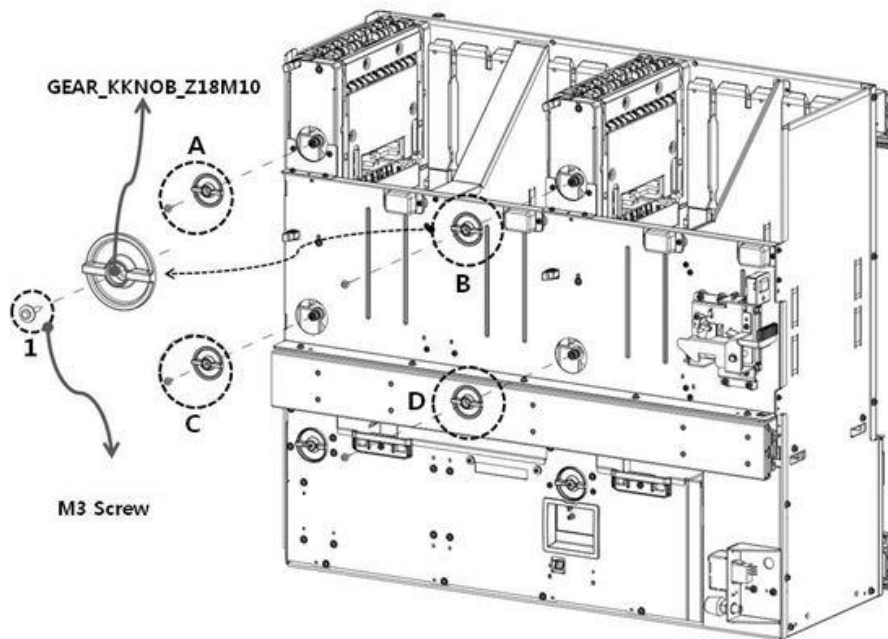


- Use the reverse order of disassembling to assemble again.

## Bill Recycle Module

### 4. Replacing the GEAR\_KKNOB of lower (BMD)

- Open the system door and take out the BMD.
- Disassemble M3 screw (1) and separate the GEAR\_KKNOB\_Z18M10.
- Apply the same method to 4 places of A/B/C/D which need to be replaced.

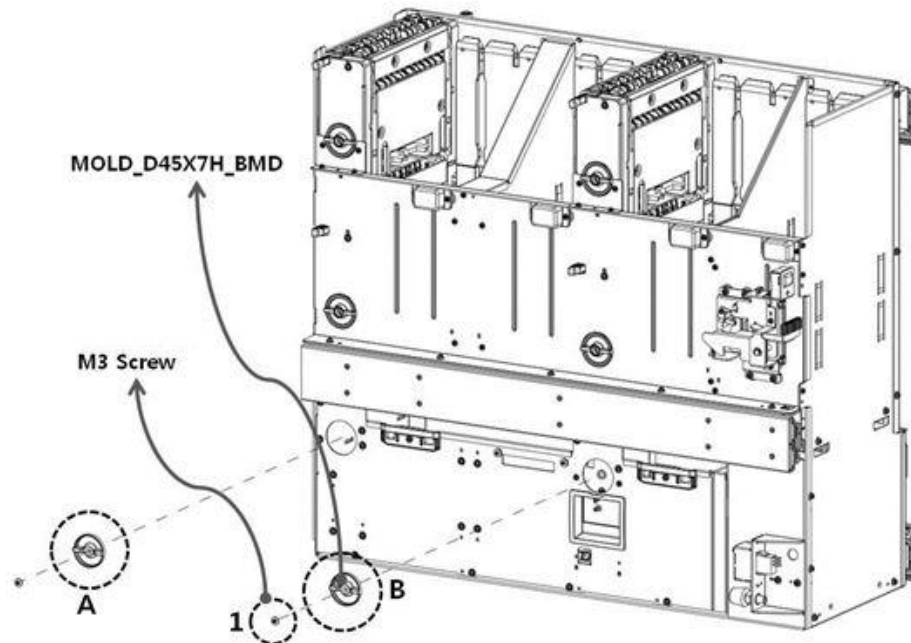


- Use the reverse order of disassembling to assemble again.
- Turn the knob with the hand to check the proper TORQUE maintained after assembling.

## Bill Recycle Module

### 5. Replacing MOLD\_KNOB of lower section (BMD)

- Open the system door and take out the BMD.
- Disassemble M3 screw (1) (1ea) and separate MOLD\_D45X7H\_BMD.
- Apply the same method to 2 places of A/B which need to be replaced.

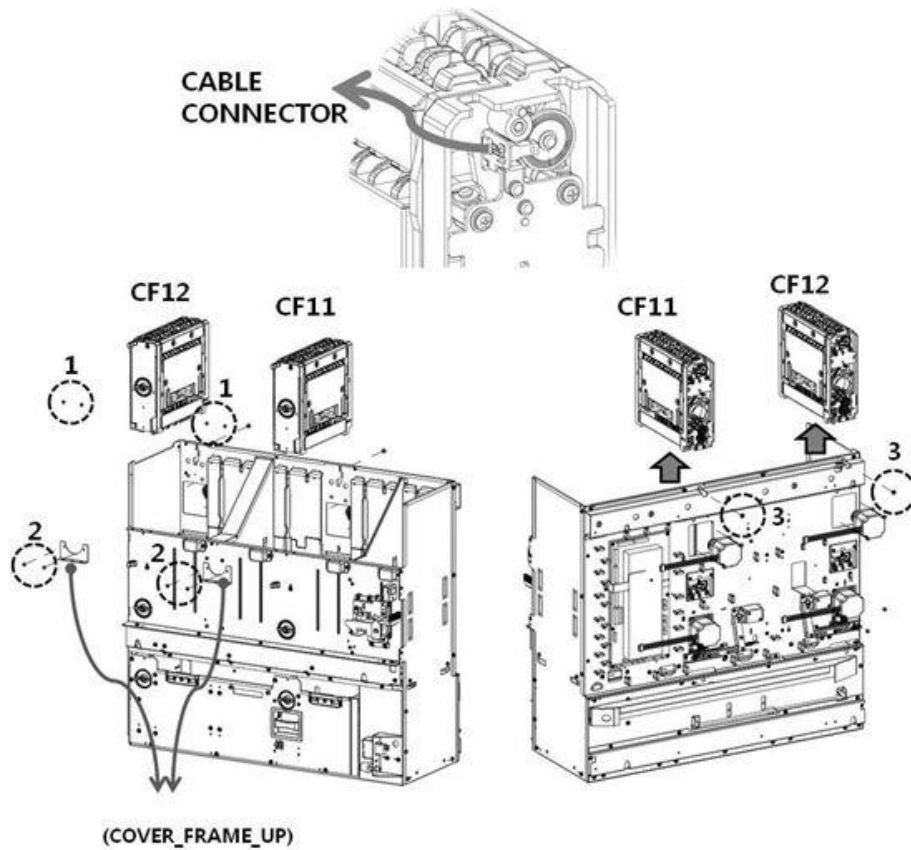


- Use the reverse order of disassembling to assemble again.
- Turn the knob with the hand to check the proper TORQUE maintained after assembling.

## Bill Recycle Module

### 6. Replacing the Center Transport Upper Module (CF11/CF12)

- Open the system door and take out the BMD.
- Disassemble the cable connector in the direction of arrow.
- Disassemble M3 screw (1) (2ea) / M3 screw (1) (2ea) and separate the COVER\_FRAME\_UP.
- Disassemble M4 screw (3) (1ea) and disassemble Center Transport(CF11/CF12) in the direction of arrow.



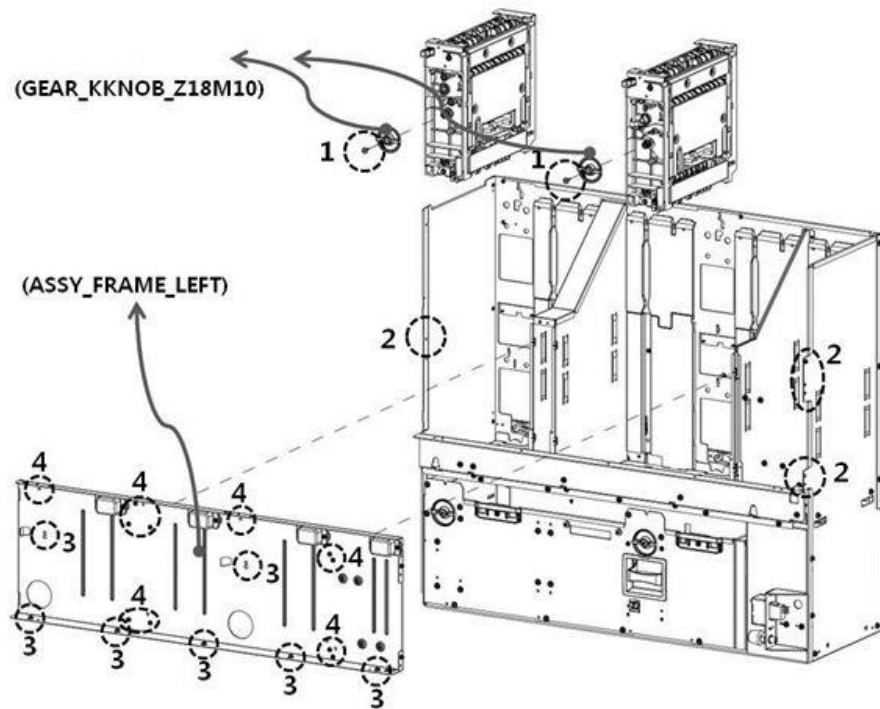
- Use the reverse order of disassembling to assemble again.
- Turn the knob with the hand to check the proper TORQUE maintained after assembling.

# Bill Recycle Module

## 7. Replacing Center Transport Down MODULE (CF21/CF22)

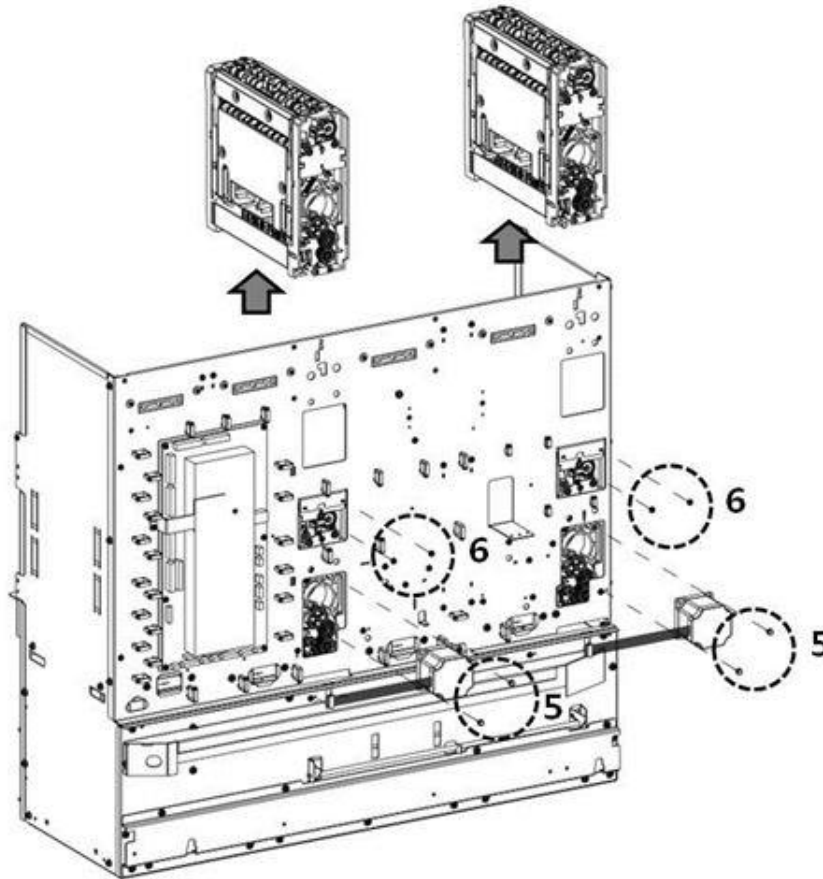
- Open the system door and take out the BMD.
- Disassemble referring to “Replacing the Center Transport Upper Module (CF11/CF12)”
- Disassemble M3 screw (1) (1ea) and separate the GEAR\_KKNOB\_Z18M10.
- Disassemble M3 screw (2) (for fixing the side, 4ea)
- Disassemble M4 screw (3) (7ea)
- Disassemble M3 screw (4) (11ea) and separate the ASSY\_FRAME\_LEFT.

Be careful for the disconnection / being stabbed of connector cable at this time.



## Bill Recycle Module

- Disassemble M4 screw (5) (for fixing STEP MOTOR, 2ea).
  - Disassemble M3 screw (6) (2ea) and separate CF21/CF22 in the direction of arrow.
- Be careful for the disconnection / being stabbed of connector cable at this time.

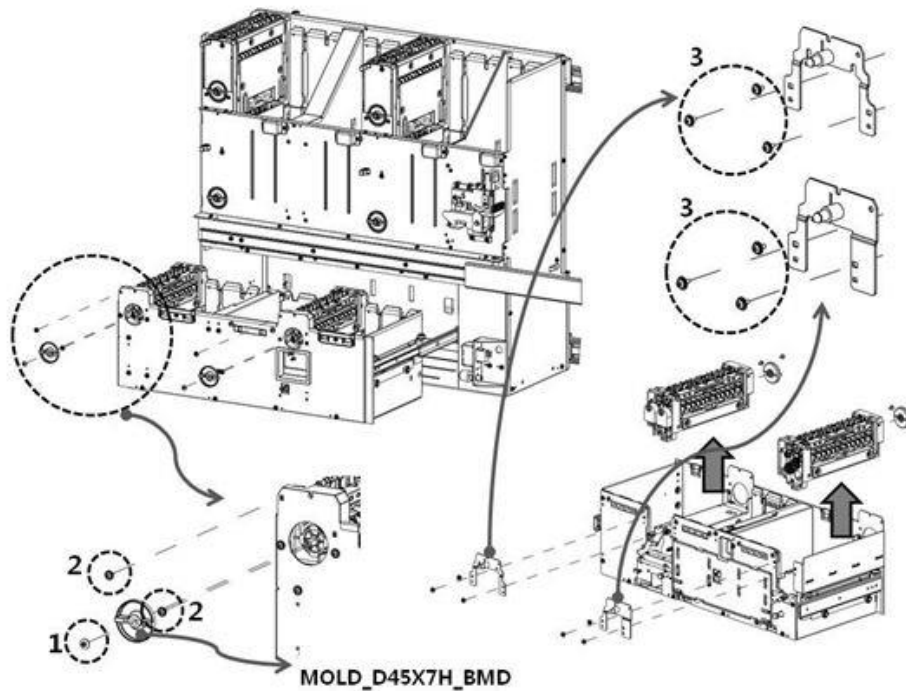


- Use the reverse order of disassembling to assemble again.
- Turn the knob with the hand to check the proper TORQUE maintained after assembling.

## Bill Recycle Module

### 8. Replacing Center Transport Lower MODULE (CF31/CF32)

- Open the system door and take out the BMD.
- Pull the handle of BMD (Lower) and take it forward.
- Disassemble M3 screw (1) (1ea) and separate the MOLD\_D45X7H\_BMD.
- Disassemble M4 screw (2) (2ea).
- Disassemble M4 screw (3) (3ea) of the rear and separate CF31/CF32 in the direction of arrow.  
Be careful for the disconnection / being stabbed of connector cable at this time.

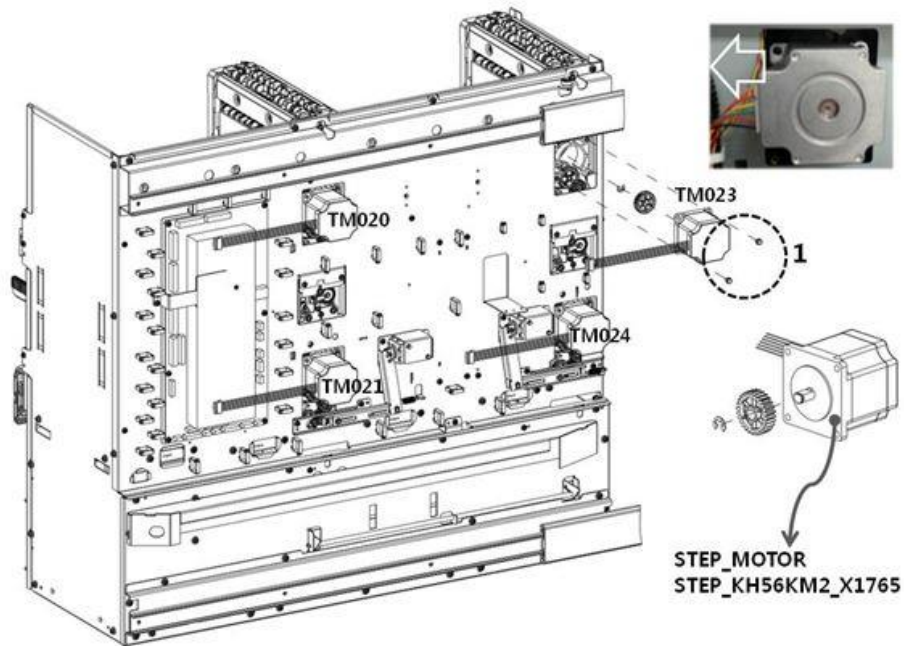


- Use the reverse order of disassembling to assemble again.
- Turn the knob with the hand to check the proper TORQUE maintained after assembling.

## Bill Recycle Module

### 9. Replacing Center Transport Motor (TM020 / TM021 / TM023 / TM024)

- Open the system door and take out the BMD.
- Separate the STEP MOTOR CABLE CONNECTOR in the direction of arrow.
- Disassemble M4 screw (1) (2ea).
- Separate the STEP MOTOR to be replaced. (TM020/TM021/TM023/TM024)

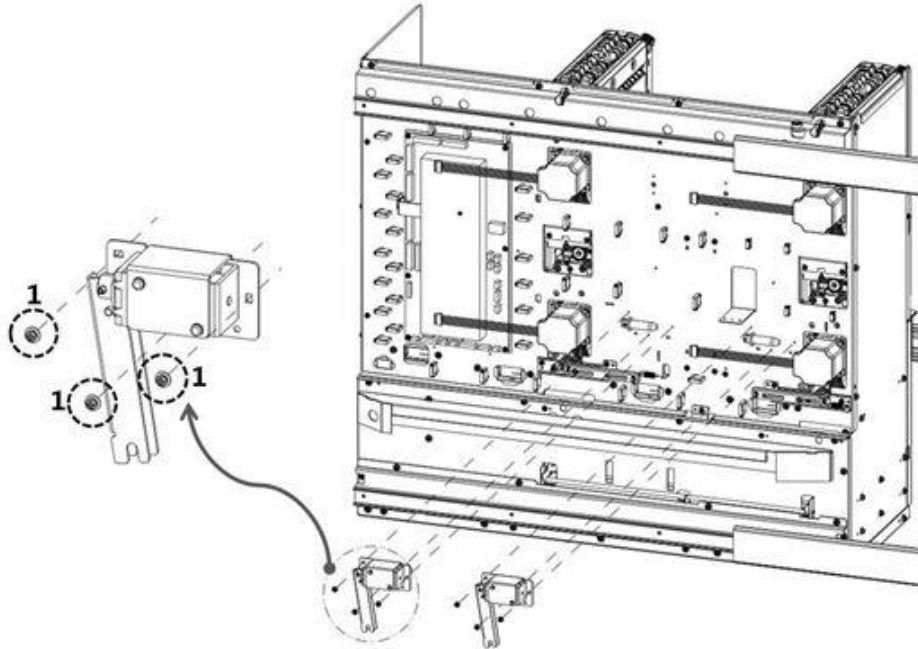


- Use the reverse order of disassembling to assemble again.
- Be careful for handling the gear when disassembling / assembling.

## Bill Recycle Module

### 10. Replacing LINEAR SOLENOID Motor (I-LINK31 / I-LINK32)

- Open the system door and take out BMD.
- Disassemble M4 screw (1) (3ea).
- Separate LINEAR SOLENOID MOTOR to be replaced. **(I-LINK31 / I-LINK32)**



- Use the reverse order of disassembling to assemble again.
- Be careful for handling the gear when disassembling / assembling.