

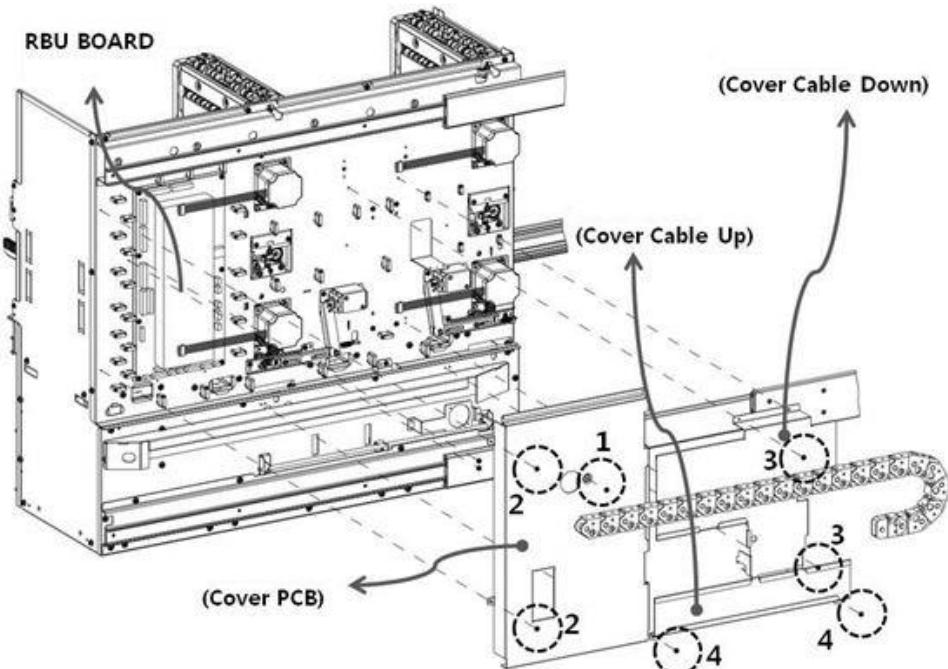
Bill Recycle Module

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.

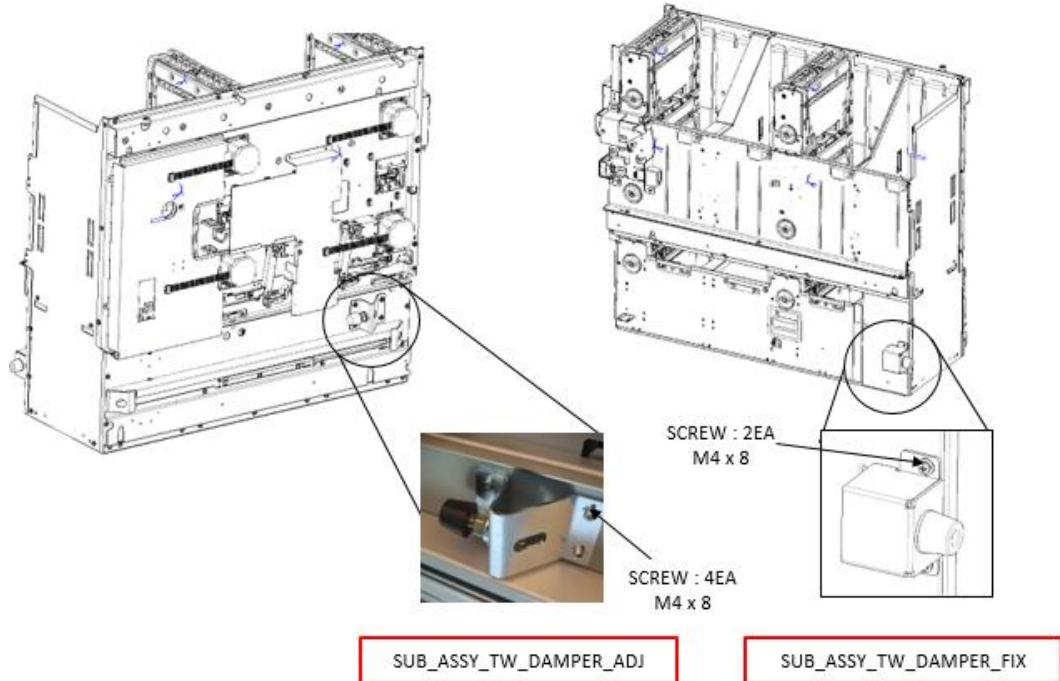


- Use the reverse order of disassembling to assemble again.

Bill Recycle Module

2. Replacing the Lower Body Module (BMD) Damper

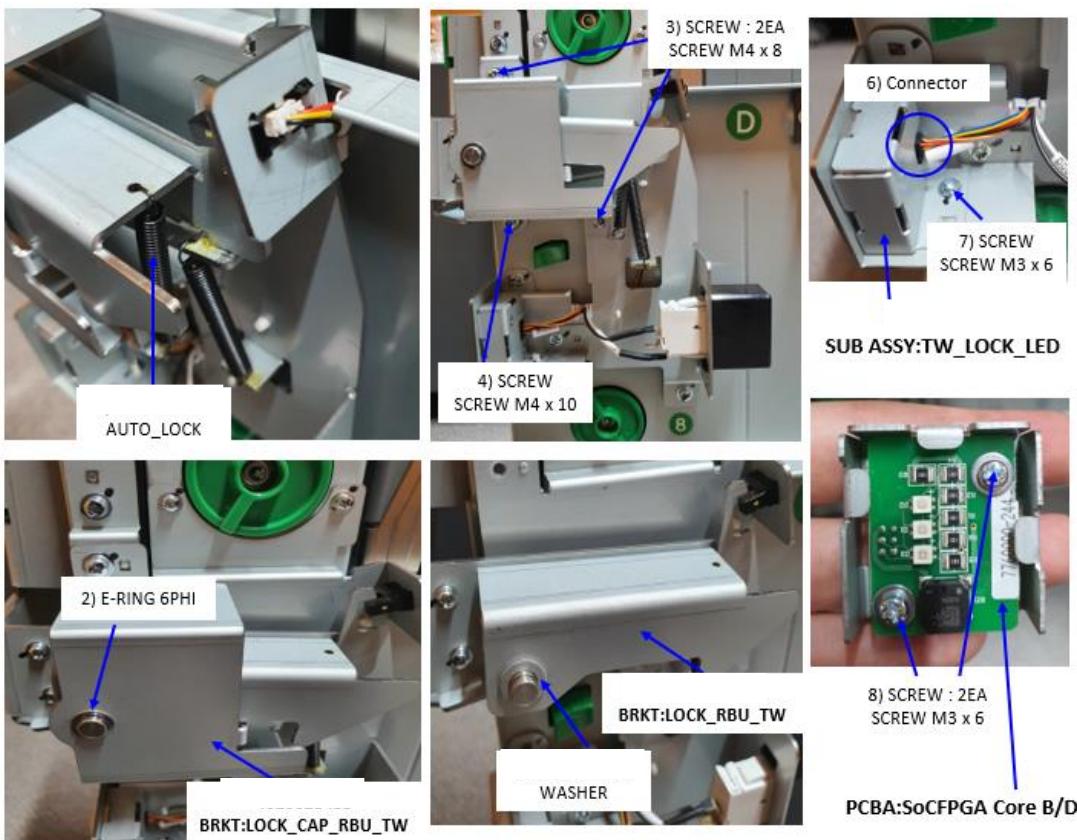
- Open the system door and take out the BMD.
- Disassemble the M4 screw (4ea) and separate the SUB ASSY_TW_DAMPER_ADJ.
- Disassemble the M4 screw (2ea) and separate the SUB ASSY_TW_DAMPER_FIX.



- Use the reverse order of disassembling to assemble again.

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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

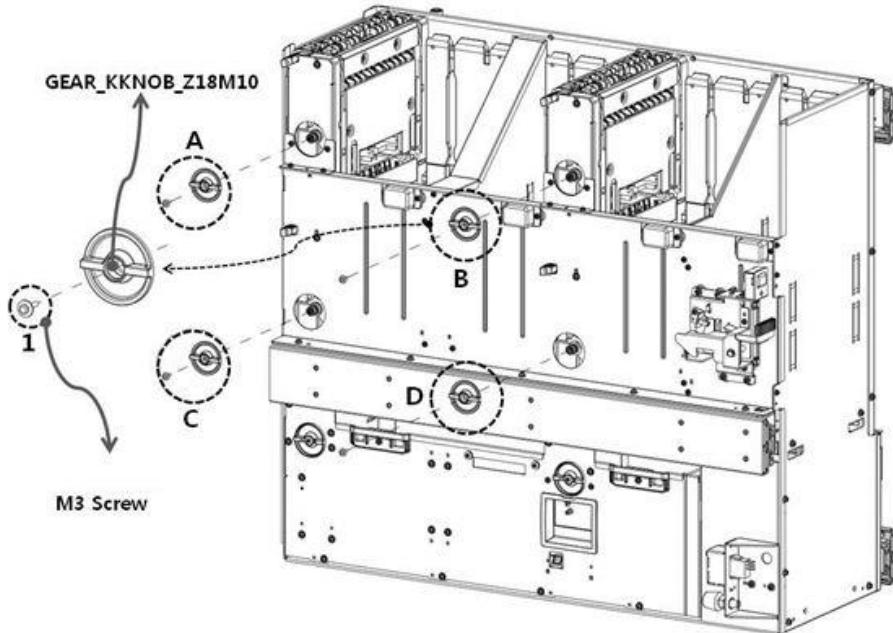


- Use the reverse order of disassembling to assemble again.

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4. Replacing the GEAR_KNOB of lower (BMD)

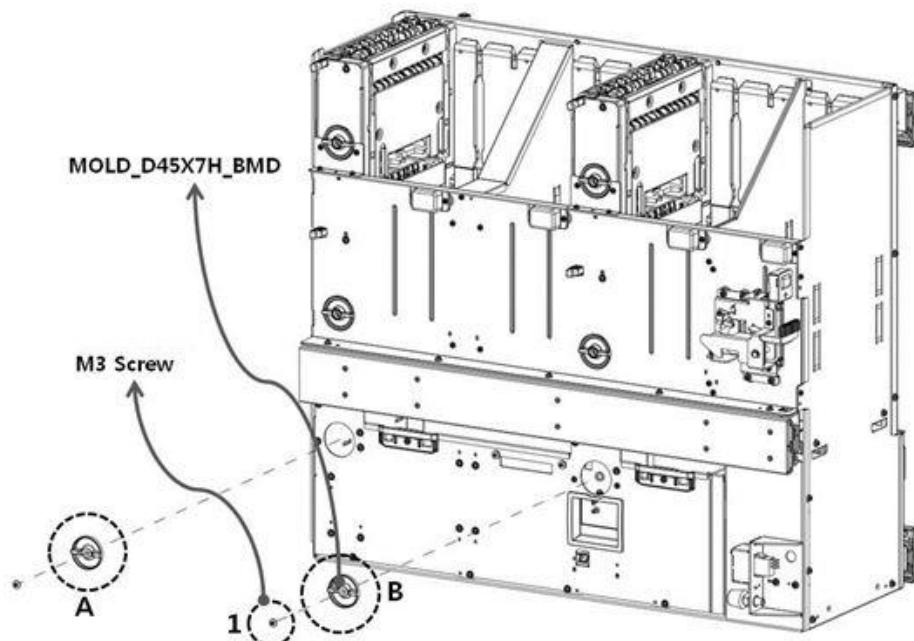
- Open the system door and take out the BMD.
- Disassemble M3 screw (1) and separate the GEAR_KNOB_Z18M10.
- Apply the same method to 4 places of A/B/C/D which need to be replaced.



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

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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.

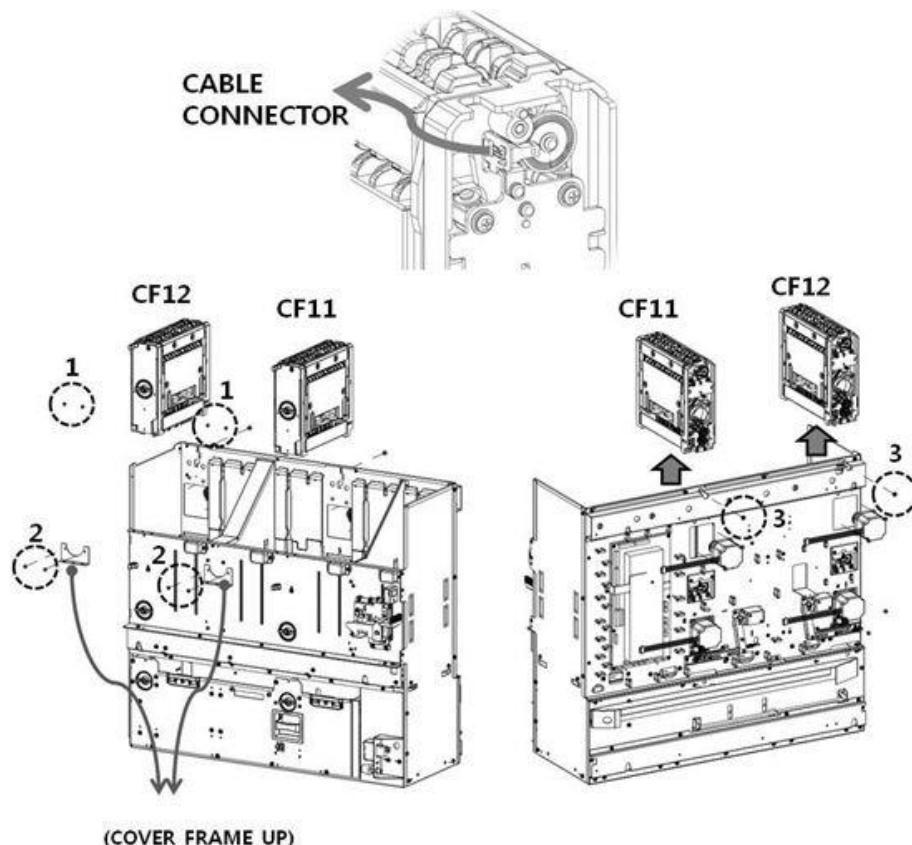


- Use the reverse order of disassembling to assemble again.
- Turn the knob with the hand to check the proper TORQUE maintained after assembling.

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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.

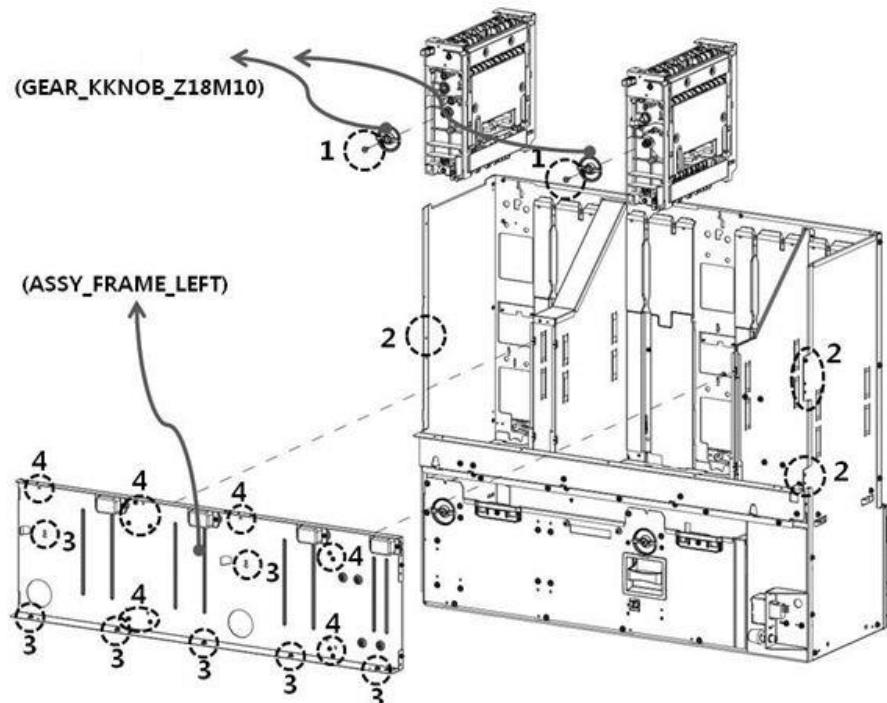


- Use the reverse order of disassembling to assemble again.
- Turn the knob with the hand to check the proper TORQUE maintained after assembling.

Bill Recycle Module

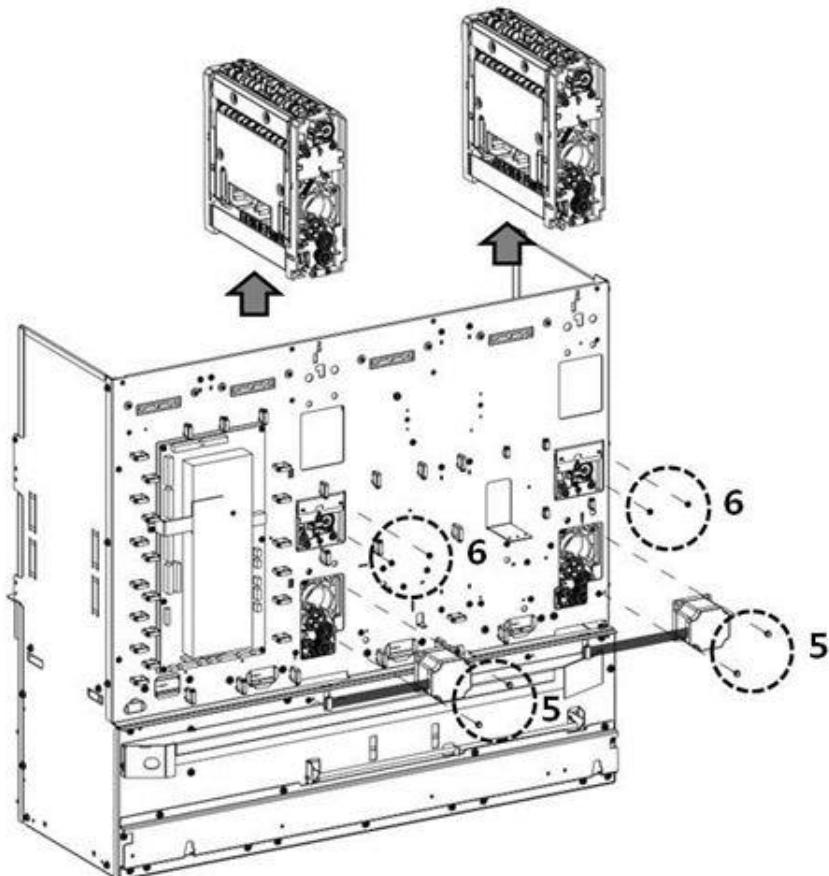
7. Replacing Center Transport Down MODULE (CF21/CF22)
 - Open the system door and take out the BMD.
 - Disassemble referring to "Replacing the Center Transport Upper Module (CF11/CF12)"
 - Disassemble M3 screw (1) (1ea) and separate the GEAR_KNOB_Z18M10.
 - Disassemble M3 screw (2) (for fixing the side, 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.



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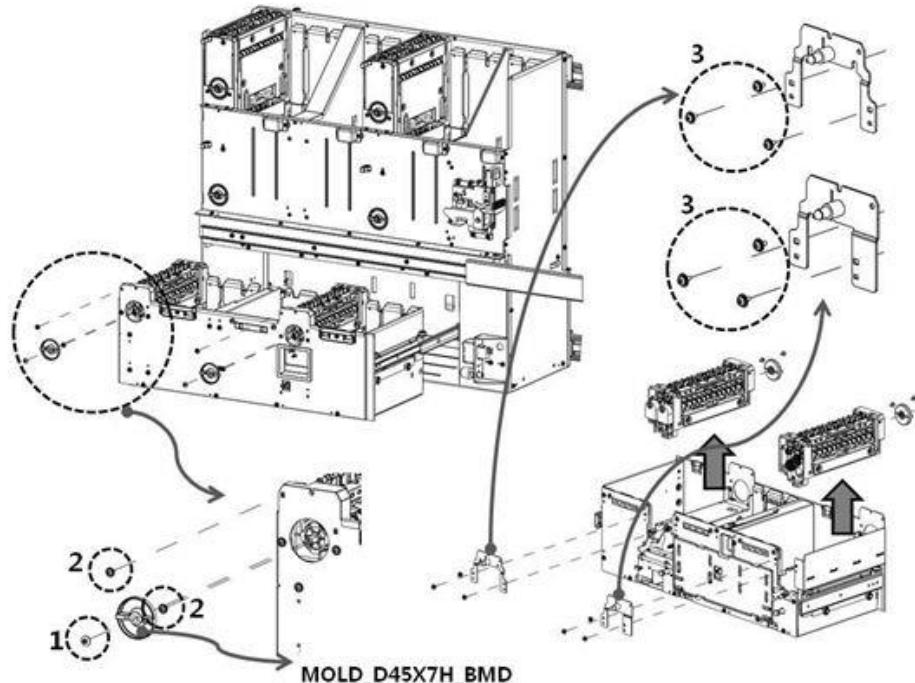
- Disassemble M4 screw (5) (for fixing STEP MOTOR, 2ea).
- Disassemble M3 screw (6) (2ea) and separate CF21/CF22 in the direction of arrow.
Be careful for the disconnection / being stabbed of connector cable at this time.



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

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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.

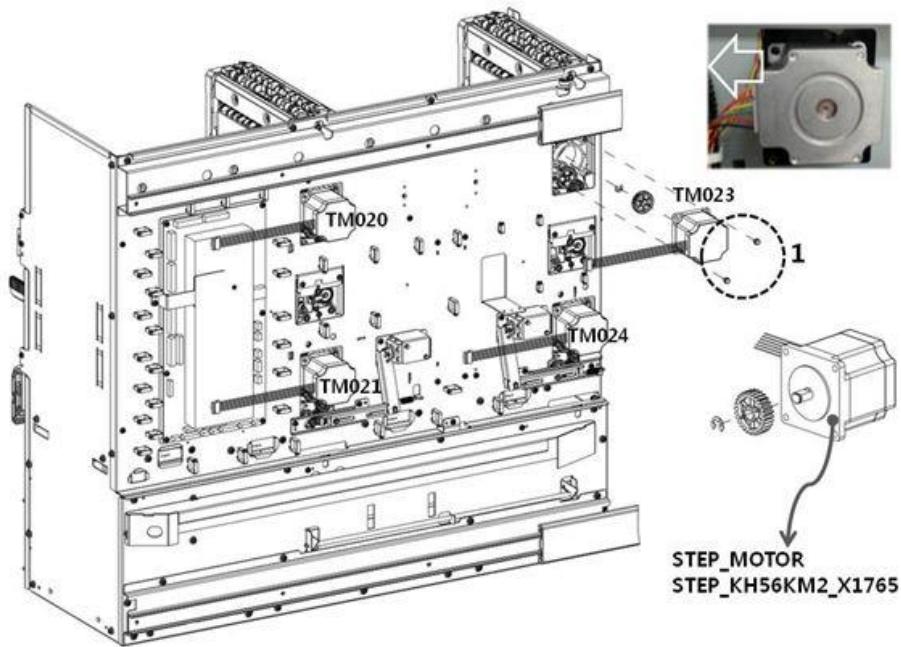


- Use the reverse order of disassembling to assemble again.
- Turn the knob with the hand to check the proper TORQUE maintained after assembling.

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

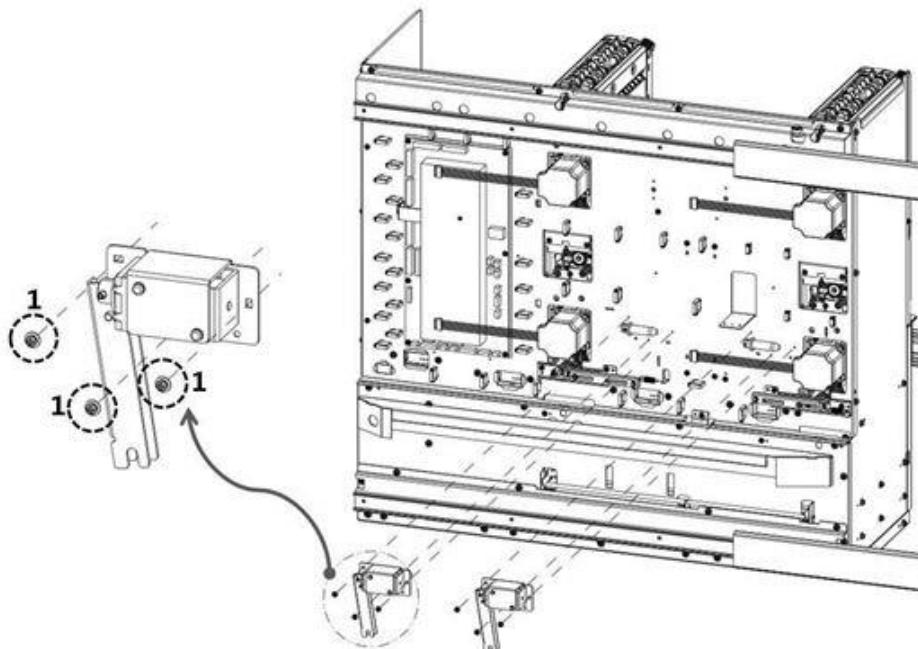
- Open the system door and take out the BMD.
- Separate the STEP MOTOR CABLE CONNECTOR in the direction of arrow.
- Disassemble M4 screw (1) (2ea).
- Separate the STEP MOTOR to be replaced. (TM020/TM021/TM023/TM024)



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

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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.