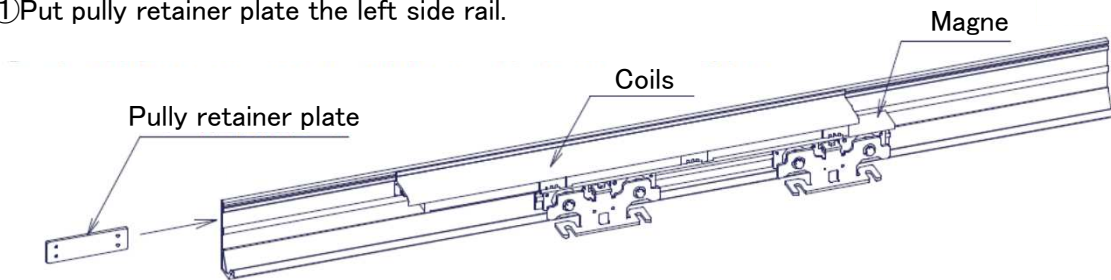
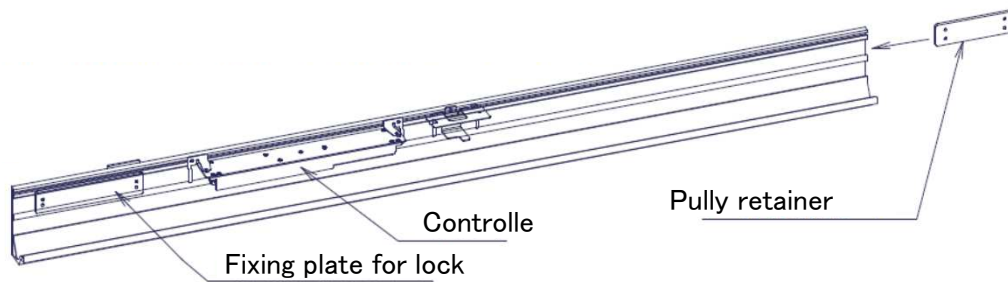


Installation of MM100 bi-parting

- ① Put pulley retainer plate the left side rail.

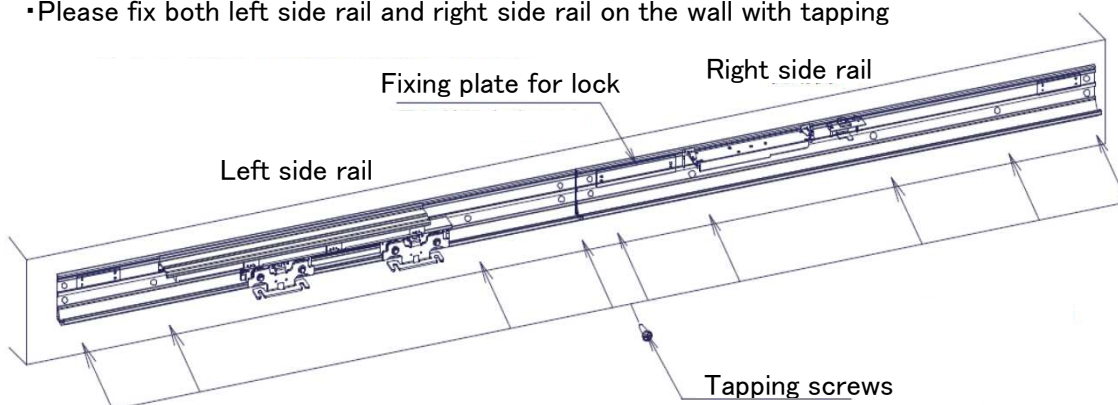


- ② Put pulley retainer plate on the right side rail



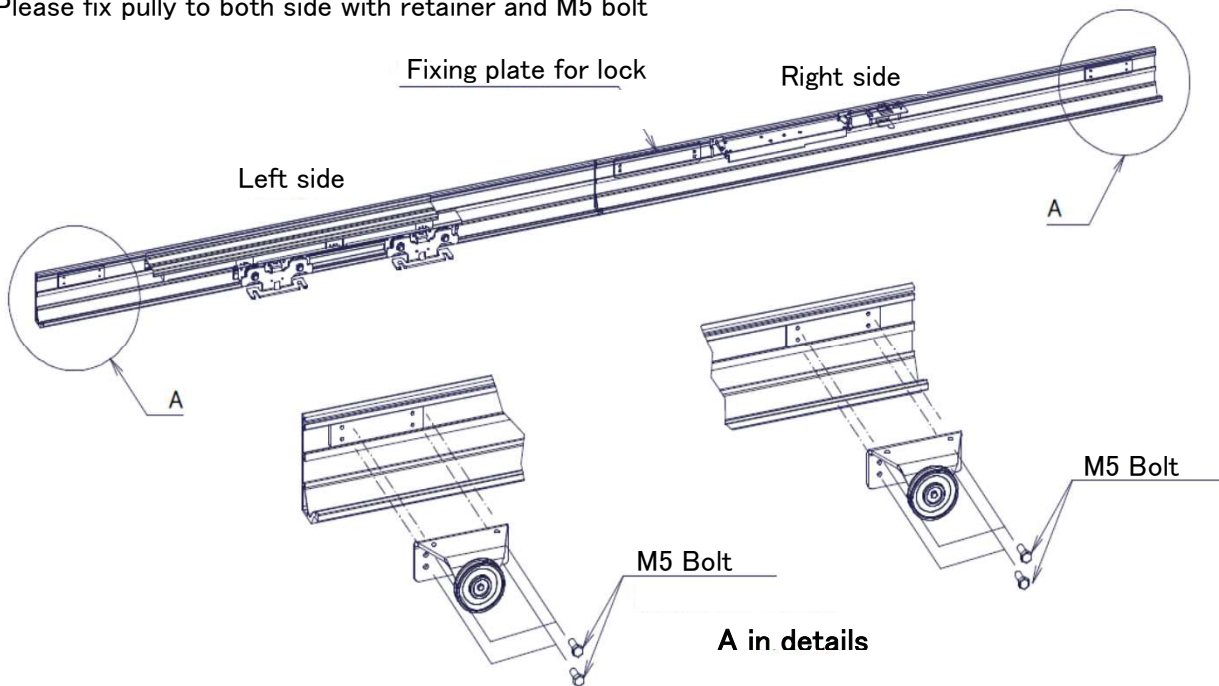
- ③ Installation of operator on the wall.

• Please fix both left side rail and right side rail on the wall with tapping



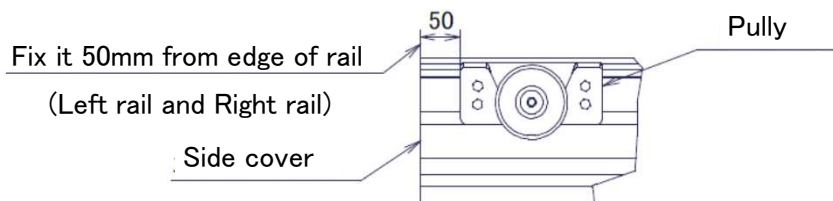
④ Installation of pulley

Please fix pulley to both side with retainer and M5 bolt



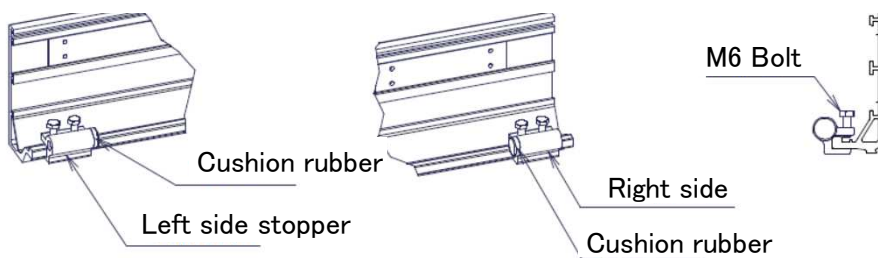
⑤ Please fix pulley to correct place as below.

50mm from edge of rail (Both left and right)



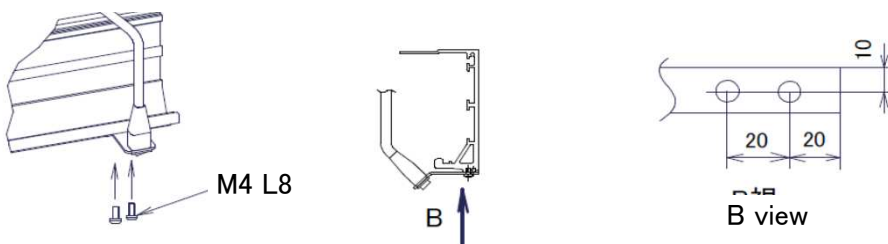
⑥ Temporary fixing for stopper on both side with M6 bolt.

Please make sure direction of cushion rubber is correct.



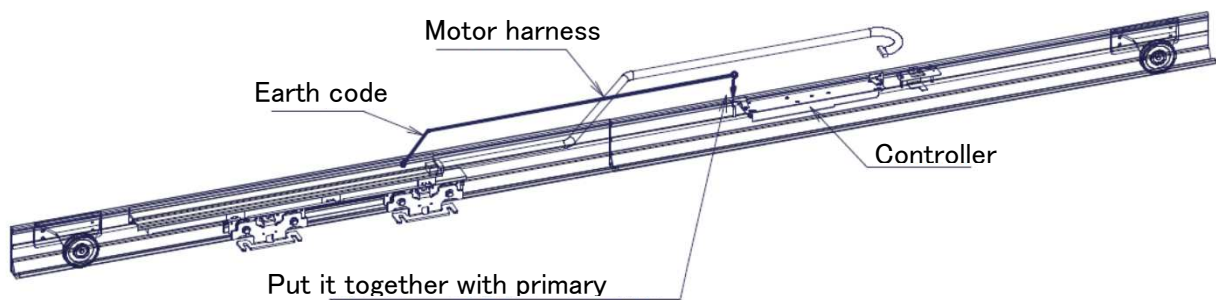
⑦ Installation of power switch (Please install it on edge of rail)

Please make 2 holes for screws.

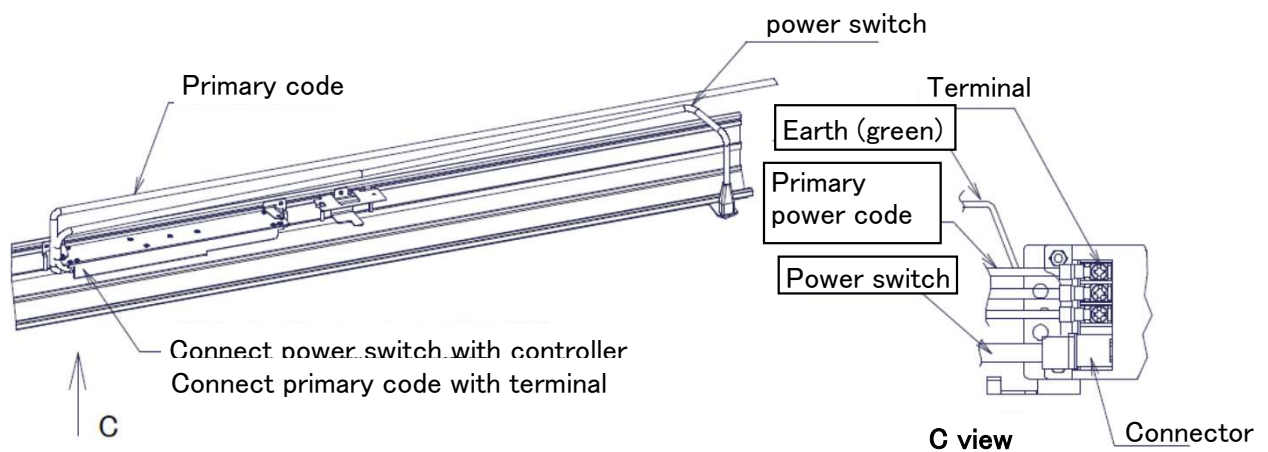


⑧ Connection of harness

Please connect motor harness and earth code with controller

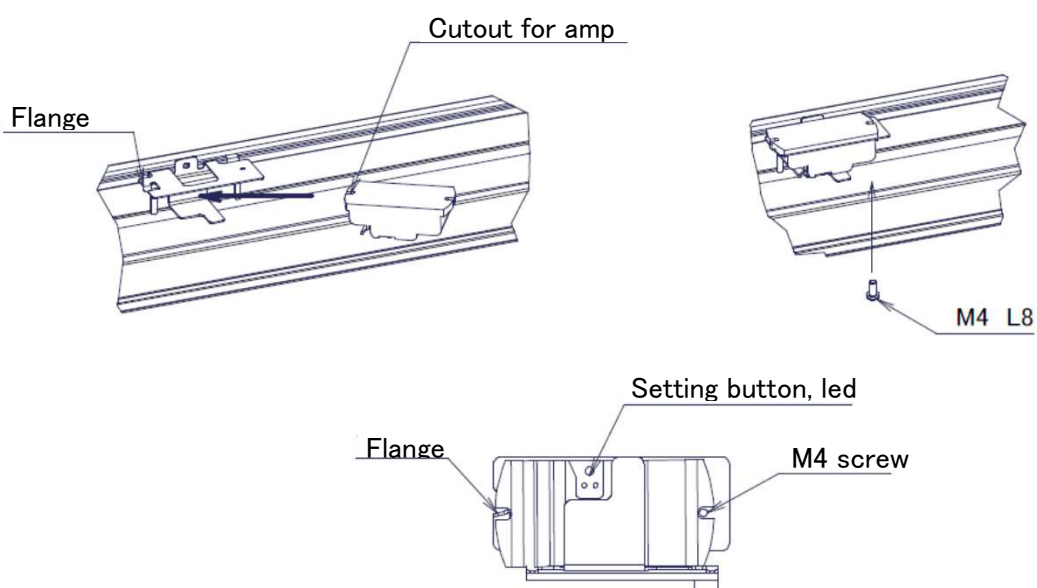


Connection of power switch and primary code with controller.



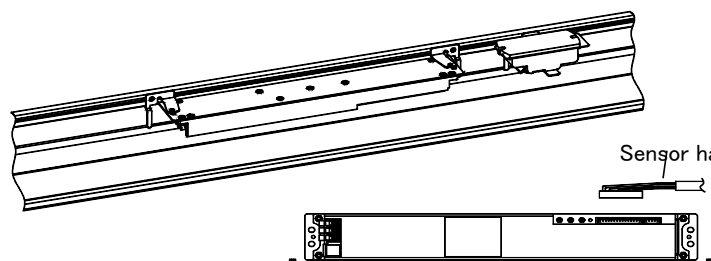
⑨ Installation of amp for safety sensor.

Please fix amp for safety sensor with M4 screw as below.

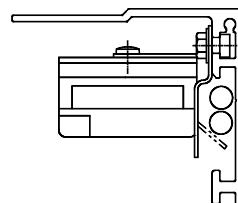


⑩ Connection of sensor harness

- Please connect sensor harness with controller



- Please fix them with cramps after connecting harness as below

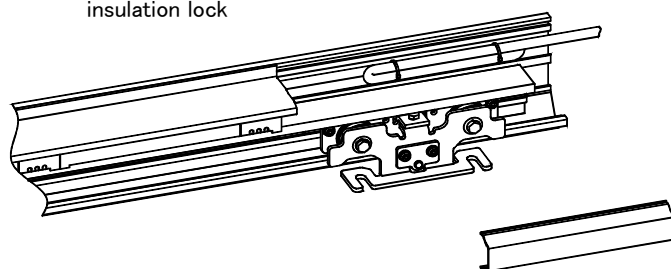


⑪ Connection of sensor harness with sensor and safety beam with amp for safety sensor.

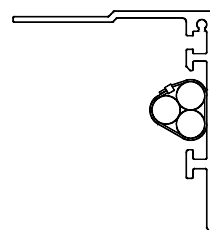
- If harnesses are too long, please cut into appropriate length.
(Details are in wiring manual)

⑫ Arrangement of harness

- Extra harnesses are tied off with insulation lock

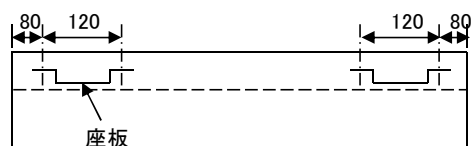


- Please protect harness with harness cover

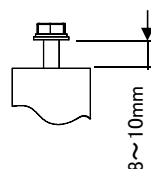
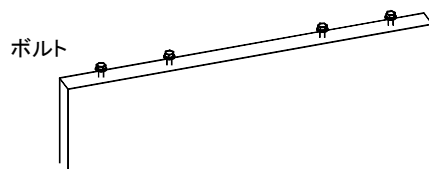


⑬ Installation of doors

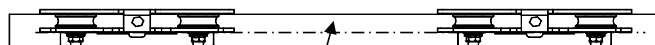
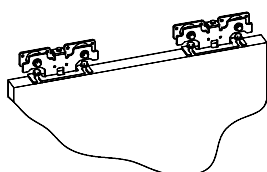
- Please fix base plate.



- Please put door bolt(M8 L25)



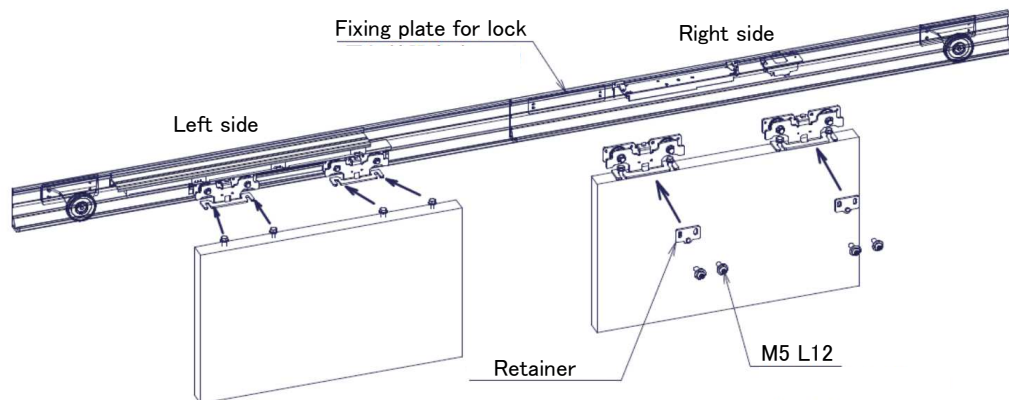
- Please put hanger on the door.



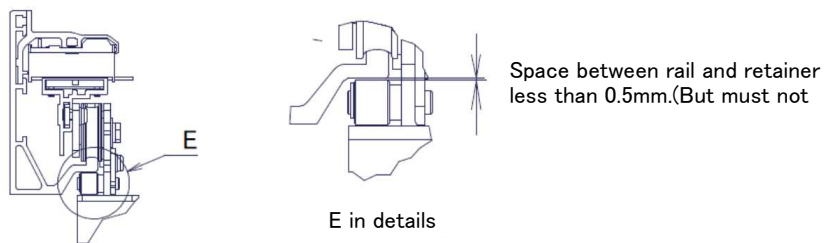
Roller must be in line.

⑭ Please fix left side door to hangers

- Please also install right side door which hanger is already installed to operator .

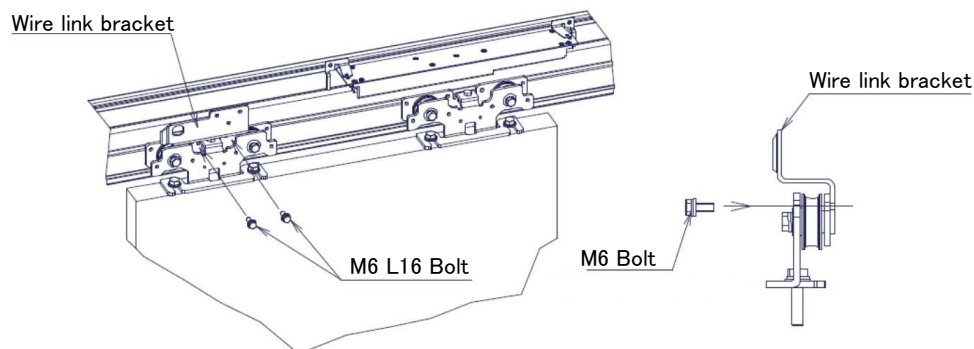


⑮ Position of retainer.(Please make sure it is correct position)

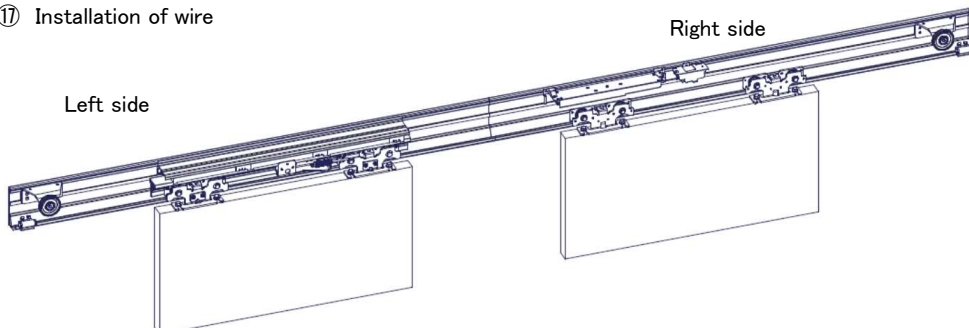


⑯ Installation of wire link bracket assy(Right side hanger)

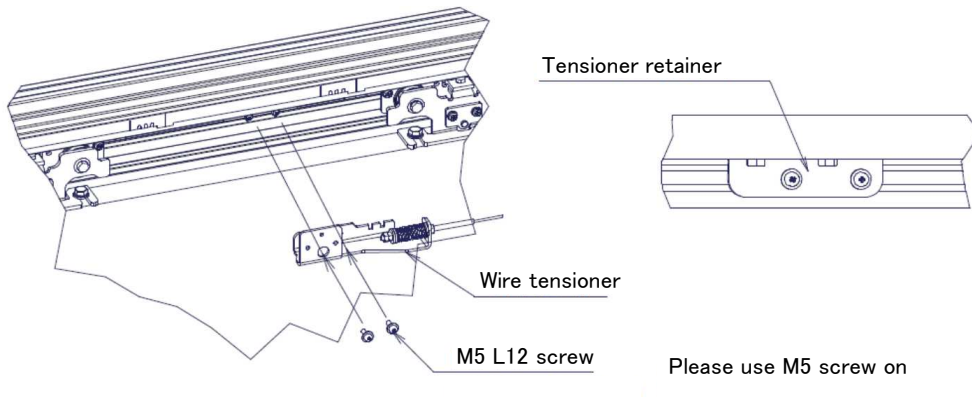
- Please fix wire link bracket to right side hanger with M6 x2pcs.



⑰ Installation of wire

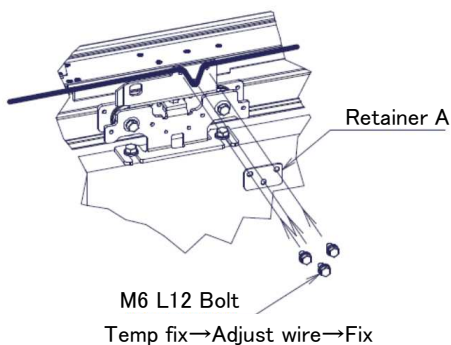


- ⑱ Installation of wire tensioner (It is center of between left side hangers)
Please fix wire tensioner with retainer and M5 screw which are on Magnet.

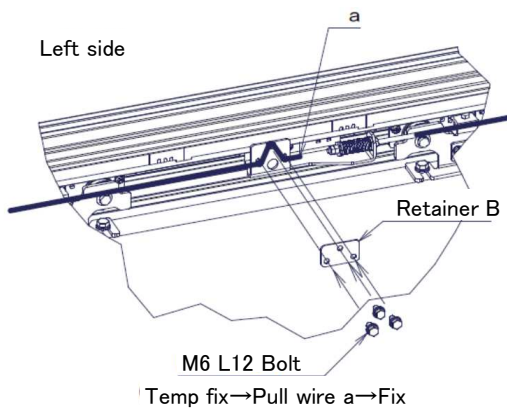


- ⑲ Arrangement of wire
Please put wire to pulley on left side, then fix wire to wire link assy with wire retainer A and M6 L12 bolt temporary.
After that, put wire to pulley on right side, then fix wire to wire tensioner with wire retainer B

Right side



Left side



• Adjustment of wire

Please pull wire 'a' with fully door open position.
Fix wire retainer B completely with bolt.
Fix wire retainer A completely with bolt.
After fixing, please cut wire.

⑳ Adjustment of wire tension

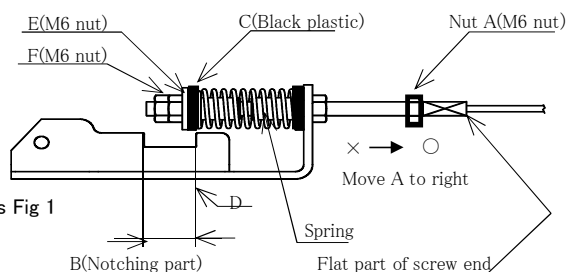
- Please check adjustment of wire tension (Fig 1) follow installation manual
- Please ensure Nut A is on eadge of right side.
→ If not, please move to eadge of right side an

- Please check Eadge of Black plastic C is on Right edge of notching part B(D line) as Fig 1.
→ If not, loosen F nut and adjust it with E nut as Fig 1

Then wire tension will be adequate.

This position should be kept with E(M6 nut) and lock with F(M6 nut)

Fig 1. Wire tensioner part



2.1 Checking position of moving magnet

- Please confirm edge of magnet and Checking line (white) are in line as below Fig 2 and Fig 3 at door fully close position.

If not, please adjust their position as below Fig 2~4 by with Hanger adjustment screw and wire tensioner screw after putting plastic spacer(2mm) between magnet and State coil

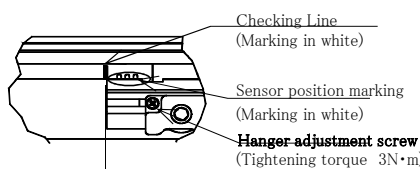


Fig 2. In case Built-in type

- * Please confirm magnet and Sensor position Marking(Marking in white) are lapped when bc at fully open and fully close position

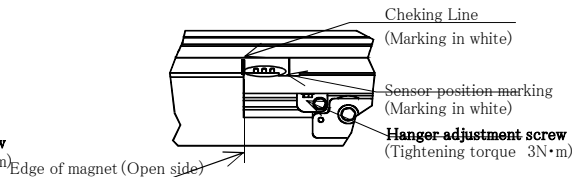


Fig 3. In case Surface Mounted type

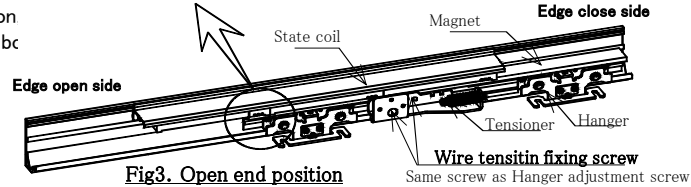


Fig3. Open end position

22.Door position

If door position is not center after adjutment of tensioner, please loosen below fixing screw and adjust door to center then please fix with screw again. M4 screw

