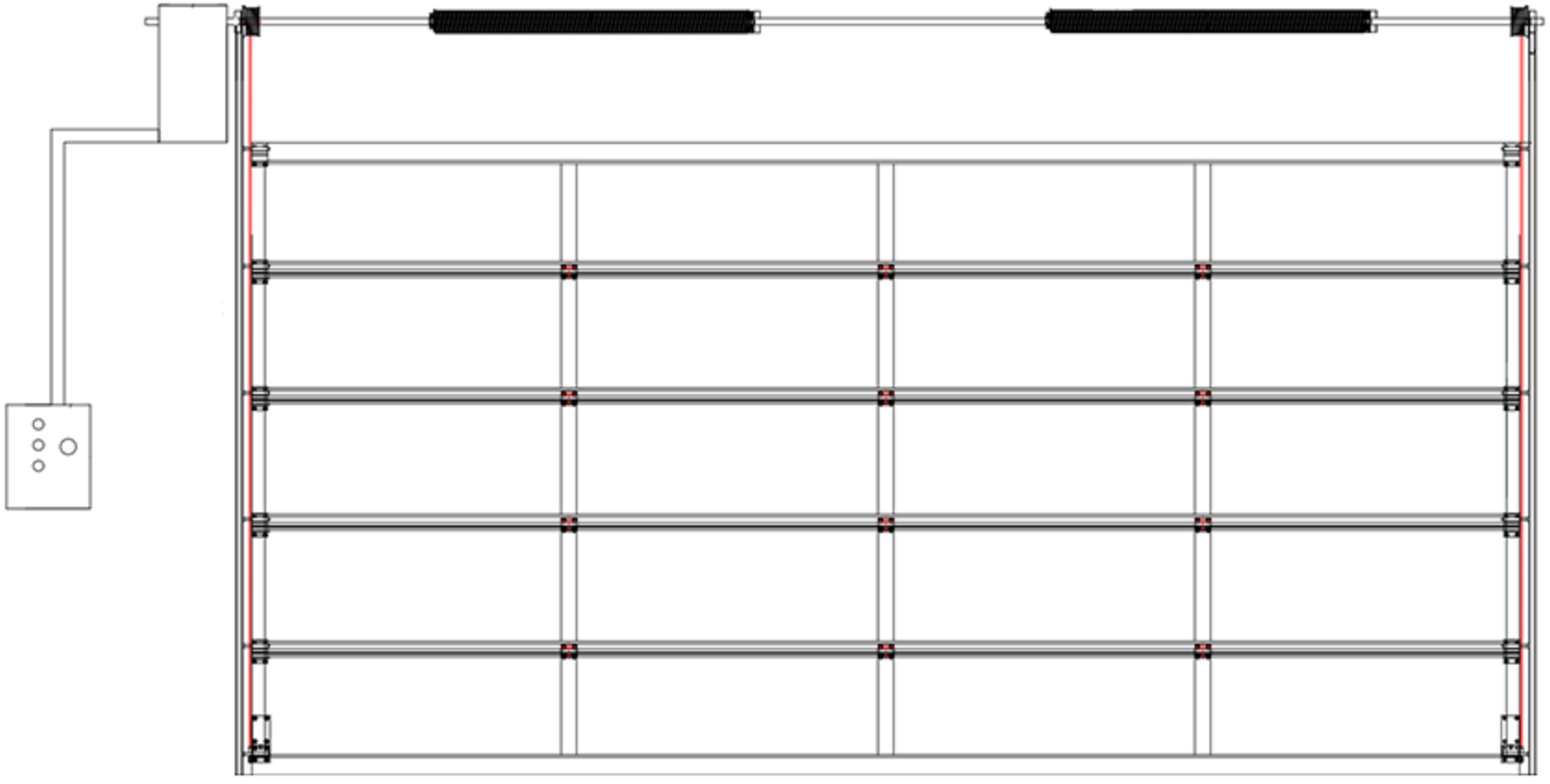
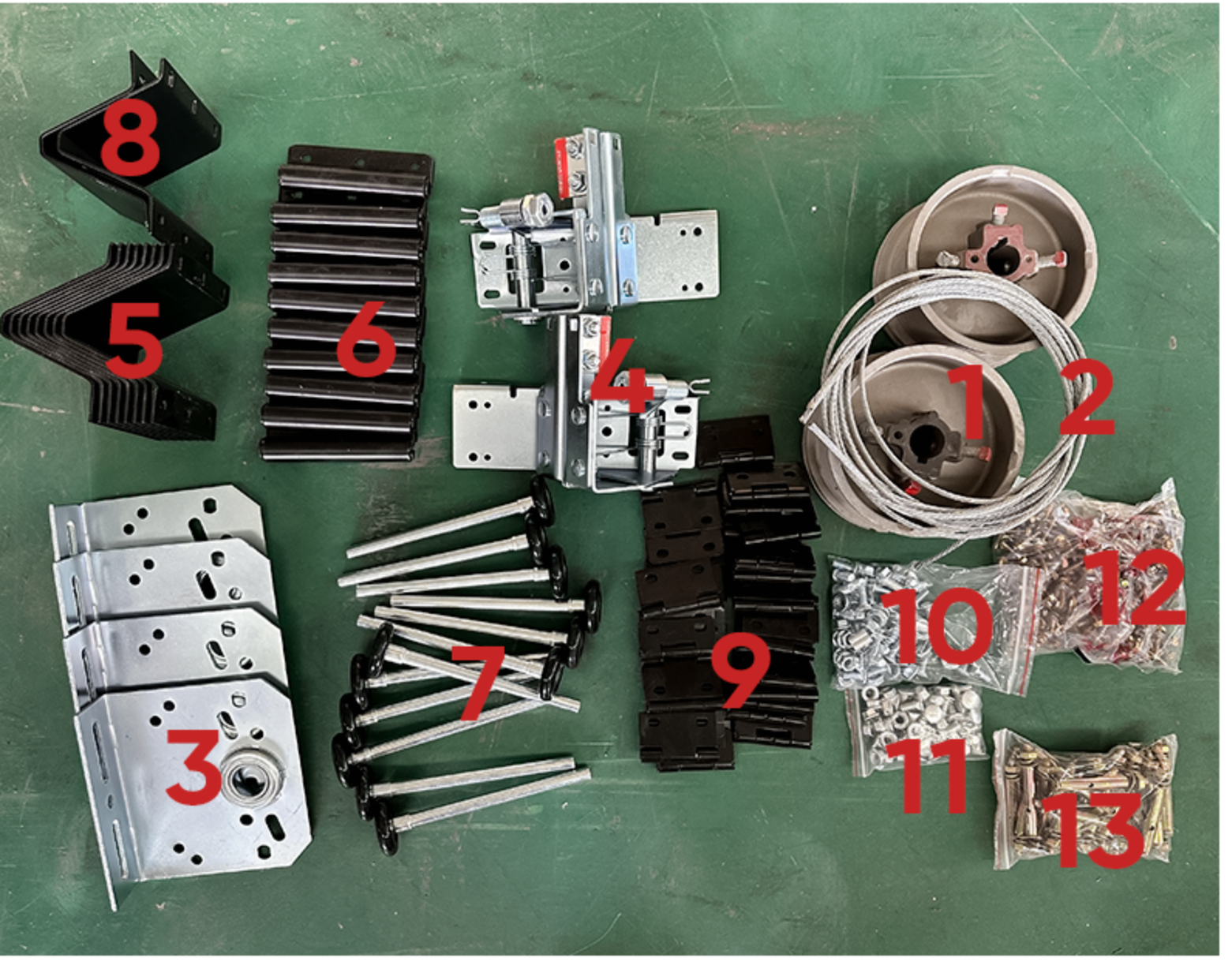
GARAGE DOOR INSTALLATION



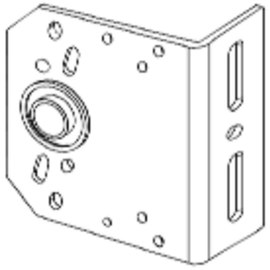


Main Accessories Details

1. Cable Drum
2. Cable
3. Bearing Brackets
4. Anti-falling Bottom Fixtures
5. Adjustable Side Hinges
6. Roller Brackets
7. Pulleys
8. Top Hinges
9. Joint Hinges
10. Hinge Screws and Aluminum Buckle
11. Track Screws
12. Hexagon Screws
13. Expansion Screws

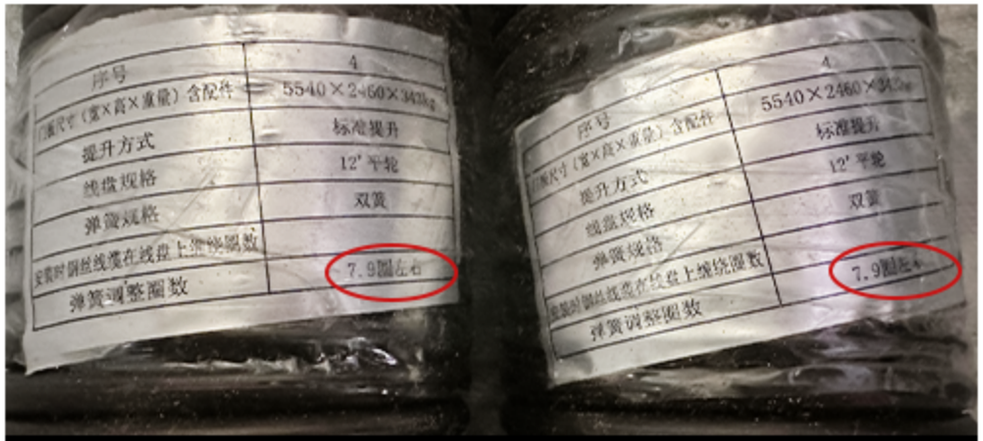
Step 1

Install bearing brackets evenly on the top frame.

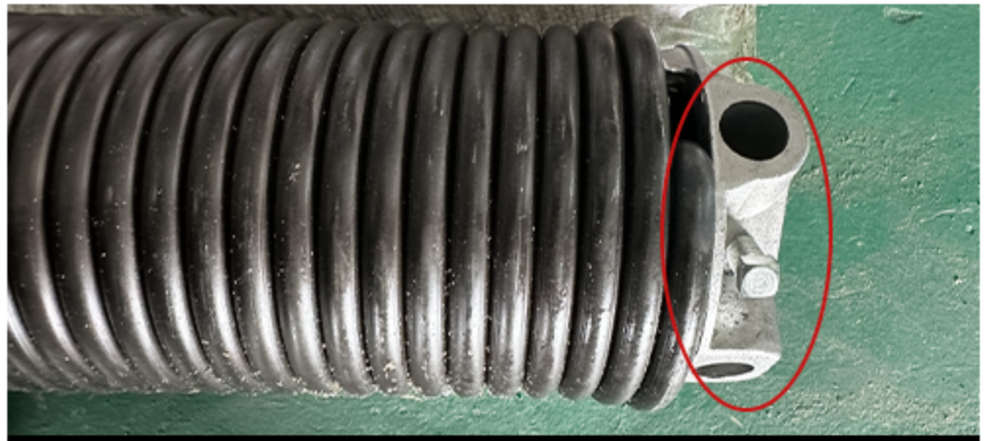


Step 2

Insert tube from the right end the bearing bracket, right cable drum, right torsion spring, brackets, left torsion spring, bracket, left cable drum and left end bearing bracket.



1. Take out the torsion spring and check the number of torsion spring adjustment turns.



2. Confirm torsion spring direction, winding cone outward.



3. Loosen the screws on the right torsion spring.



4. Insertion complete.

Step 3

Fix torsion springs and cable drums on the brackets with hinge screws.



Step 4

Install the garage door track on the wall with a laser level.





Step 5

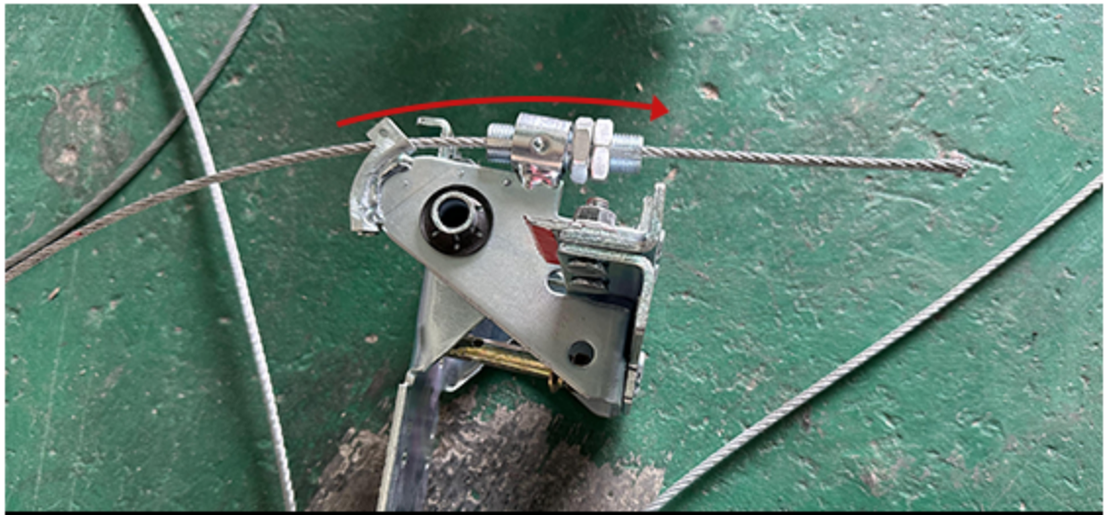
Assemble bottom fixture.



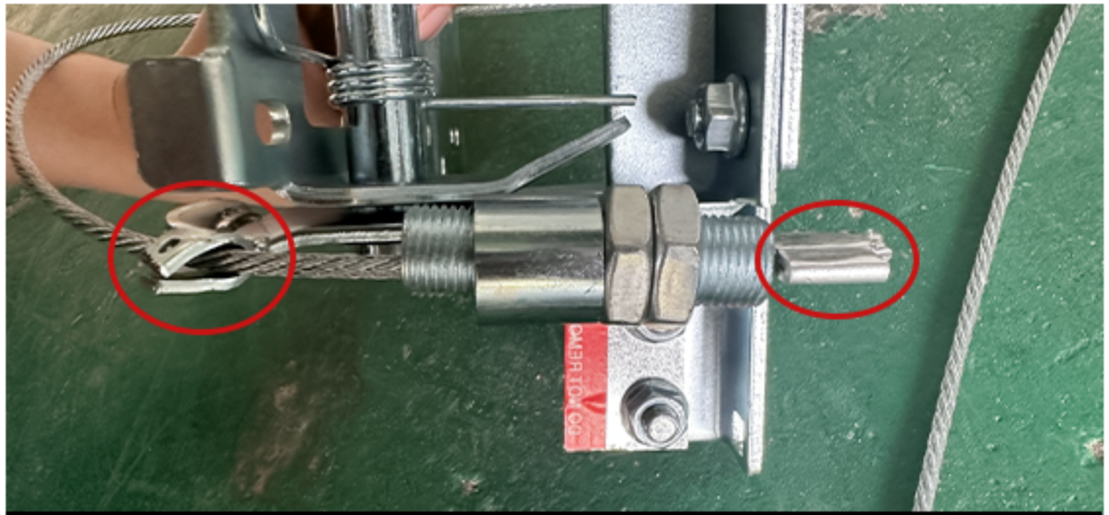
1. Separate the blades of the bottom fixture and hold the long screws against the center for easy handling.



2. Screw the horizontal screws to the center position.



3. Thread the cable through the end with the curved clip.



4. Thread the two ends of cable into the aluminum buckle, hammer the aluminum bukle flat, clamp flat curved clip with plier.

Step 6

Place the first garage door panel and cut off the excess bottom seal and insert safety edge airbag.





Step 7

Install bottom fixture.



1. Insert pulley into the bottom fixture and place the pulley into the track.



2. Align bottom fixture support with the first garage door panel and fix with hexagon screws.

Step 8

Install two side adjustable side hinges and pulleys.



1. Fix side hinges with hexagon screws, insert pulleys into roller bracket, place the pulley into the track and connect roller bracket with side hinges by hinge screws.



2. Use 12mm wrench to tighten the screws.

Step 9

Place the second garage door panel.



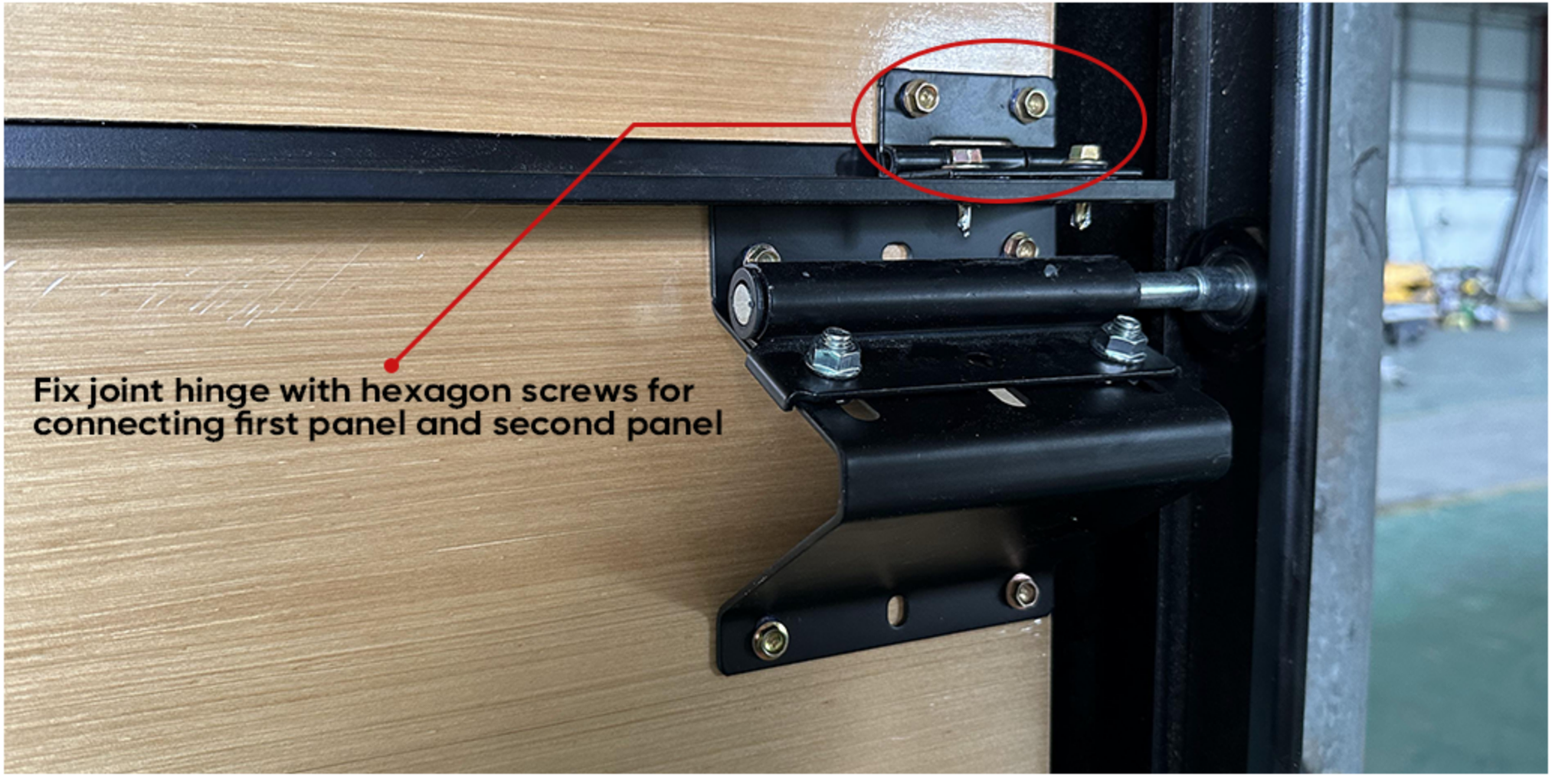
1. Place the scecond door panel.



2. Insert the slot of the second garage door panel into the slot of the first door panel.

Step 10

Install adjustable side hinges, pulleys and joint hinges.



Step 11

Place the third panel and install adjustable side hinges, pulleys and joint hinges.



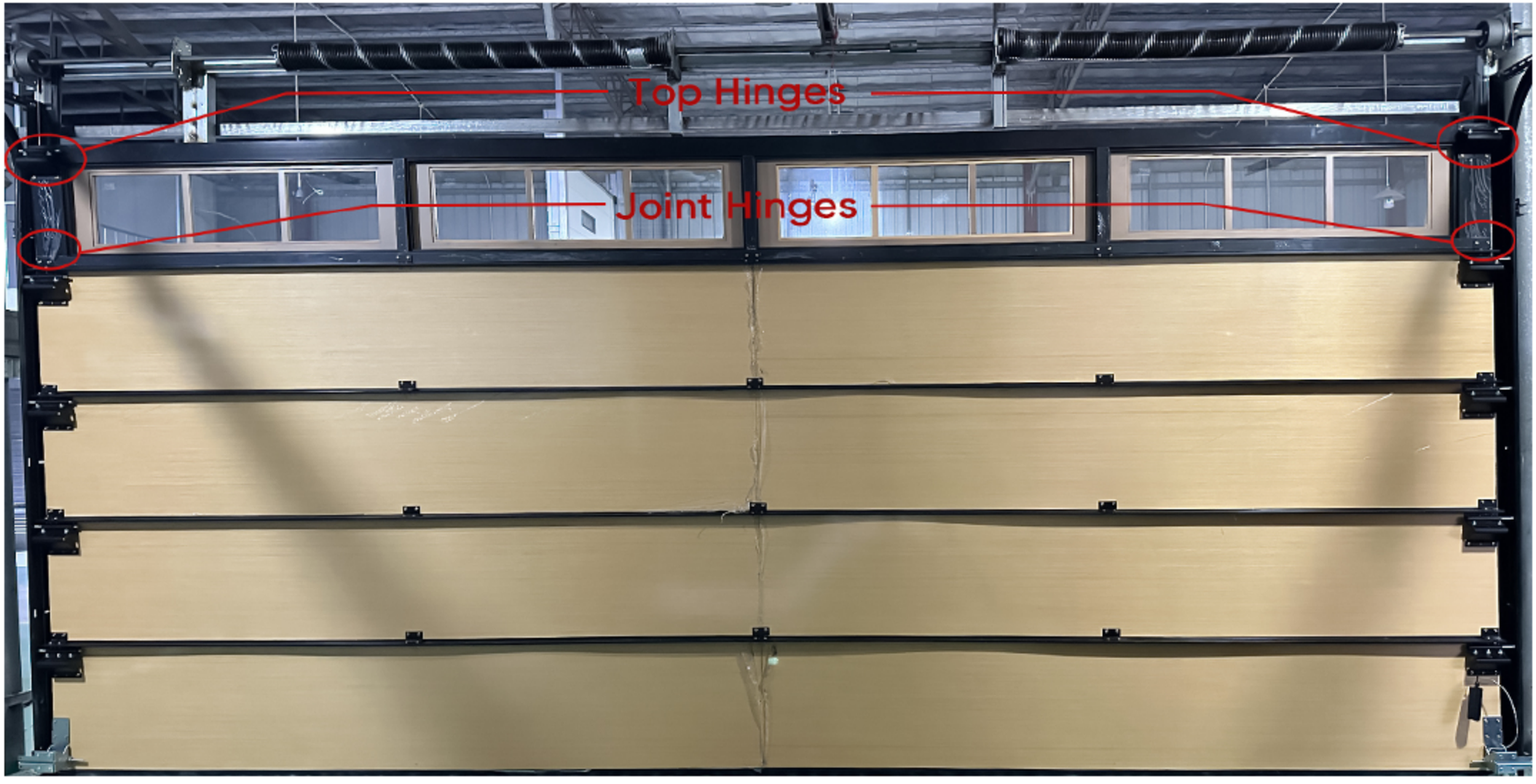
Step 12

Place the fourth panel and install adjustable side hinges, pulleys and joint hinges.



Step 13

Place the top panel and install top hinges, pulleys and joint hinges.



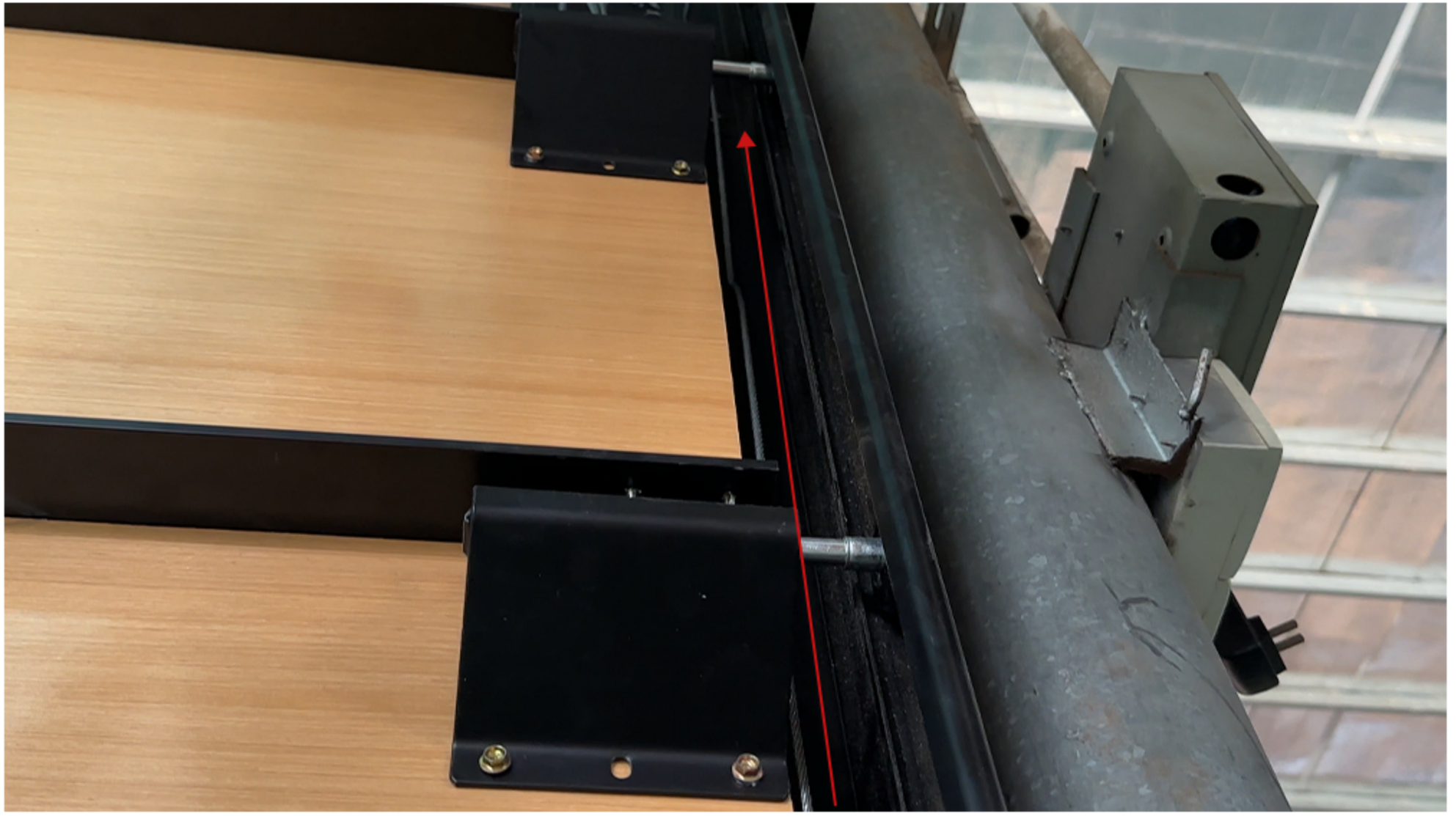
Step 14

Install middle joint hinges with laser level.
(Middle joint hinges must be aligned with middle frames.)



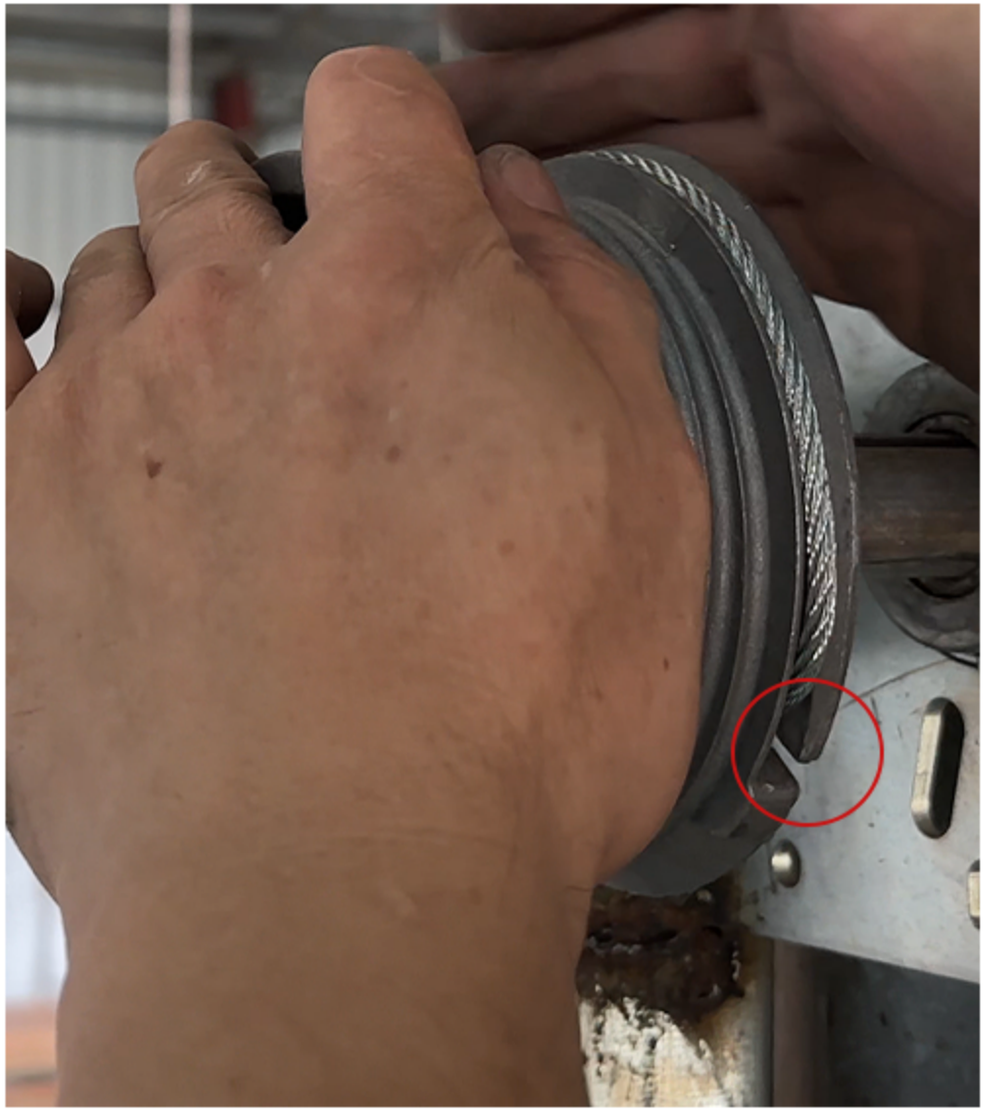
Step 15

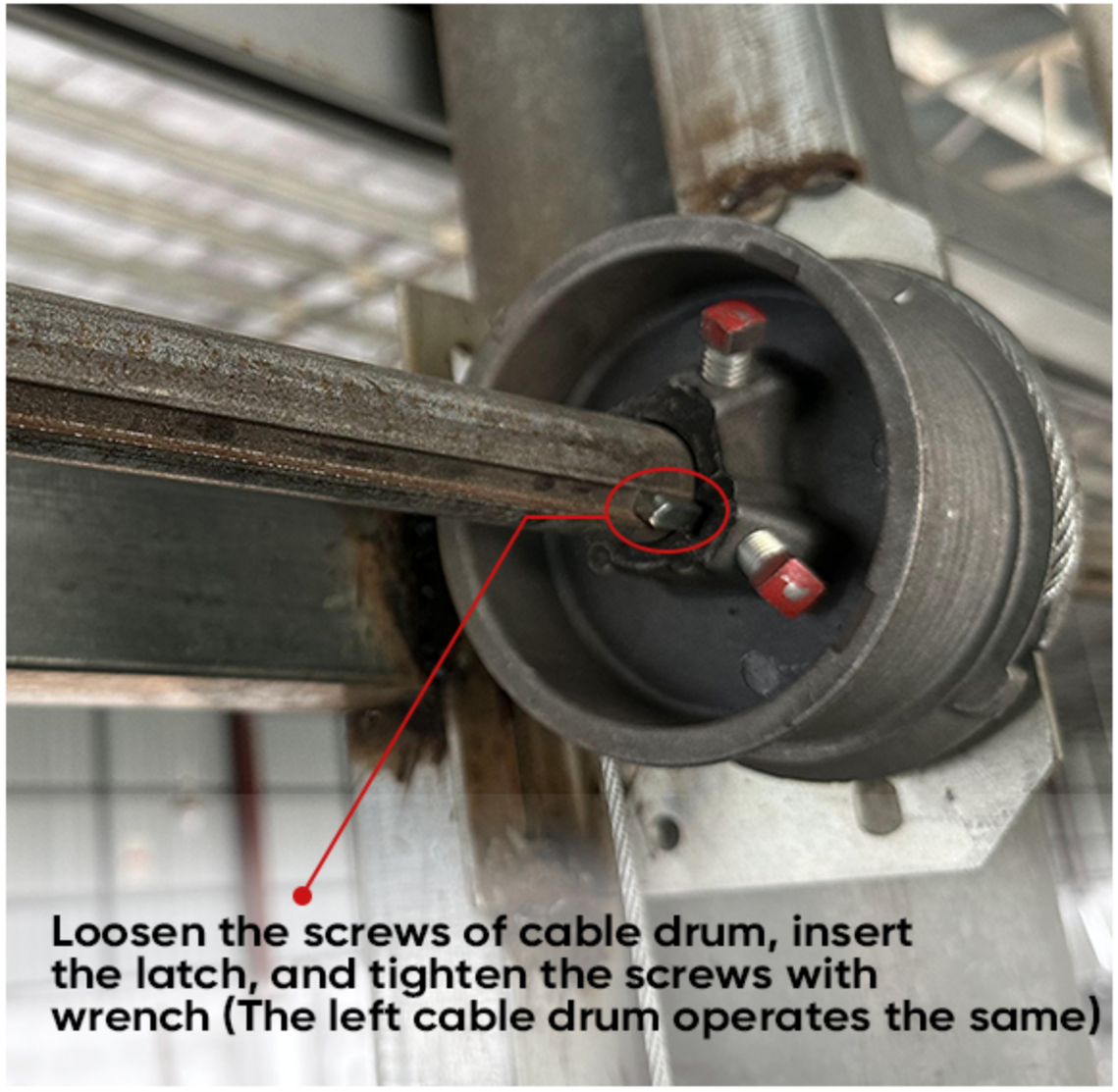
Thread cable from bottom fixture into the side of door panel to cable drum.



Step 16

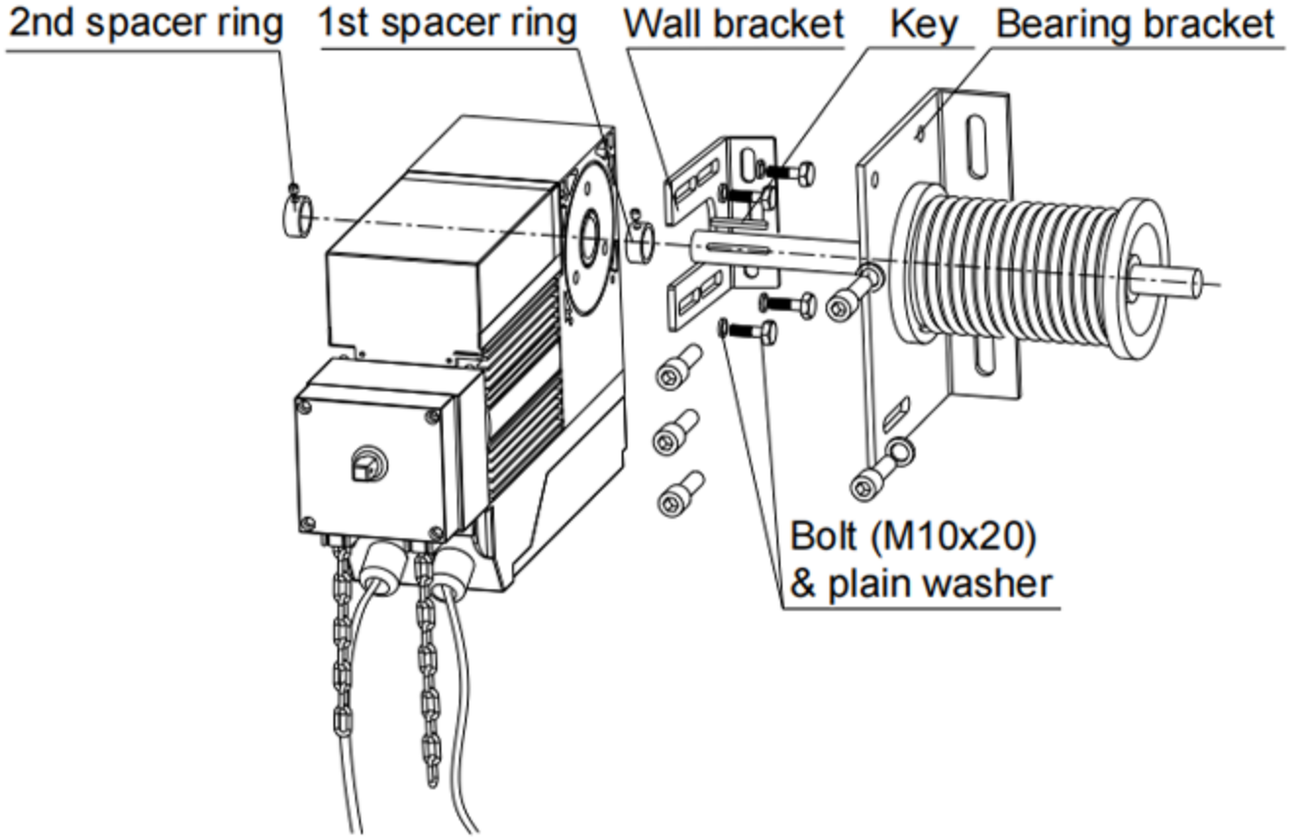
Insert cable end with aluminum buckle through the notch and insert cable into the cable slot.





Step 17

Install and fix motor.





1. Insert spacer ring, wall bracket and motor into the tube.
2. Screw onto the wall bracket with four bolts (M10*20) and plain washers.

3. Fix wall bracket on wall or mounting rack and tighten the spacer rings.



Step 18

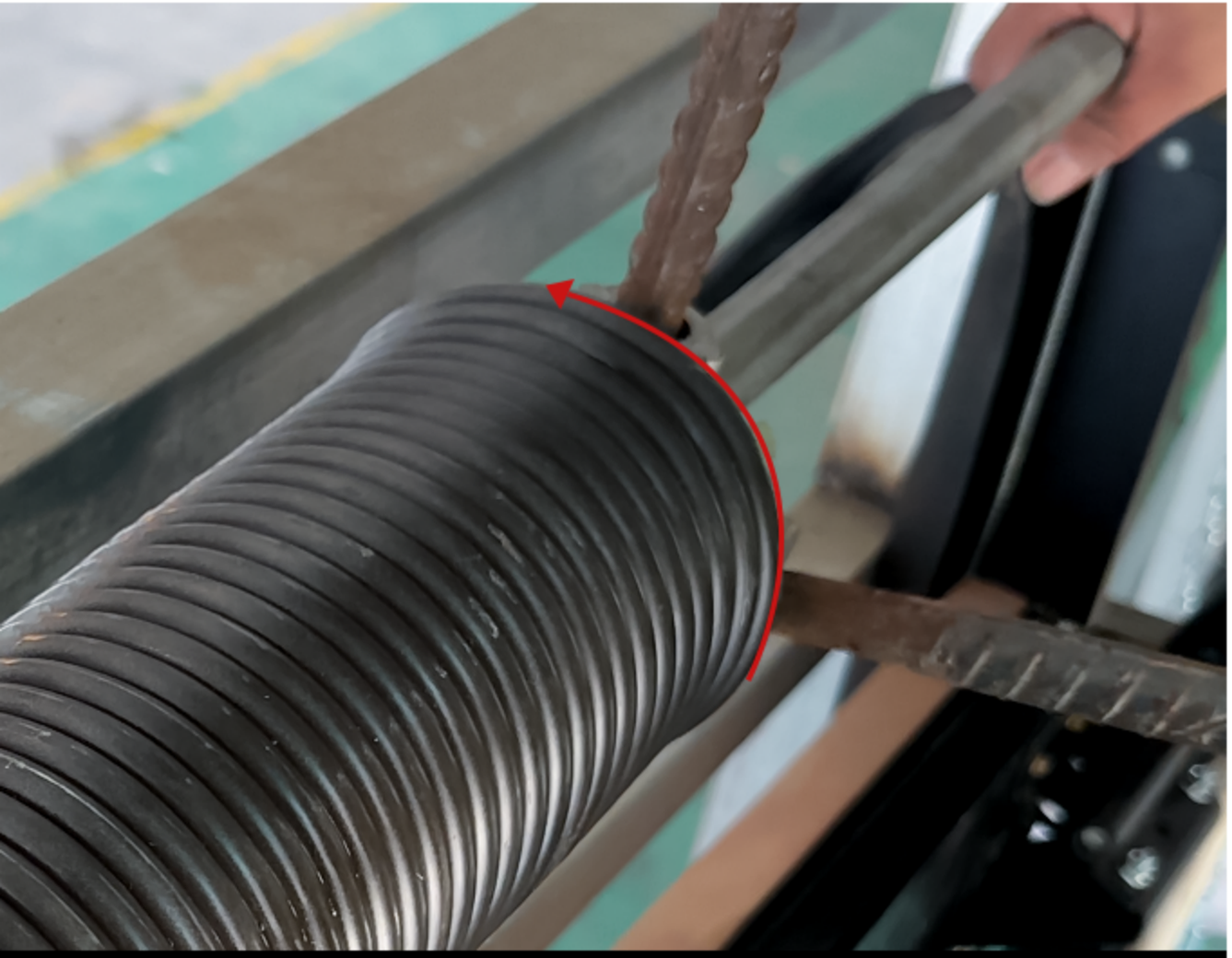
Wind two springs with specified winding bars.



1. Confirm the number of turns torsion spring needs to be wound.



2. Paint line for counting turns.



3. Wind spring upwards for 8 turns (Hands as far away as possible).



4. Insert latch into torsion spring and tighten srews with wrench.



5. Finally, 8 arcs can be seen on the torsion spring.

Step 19

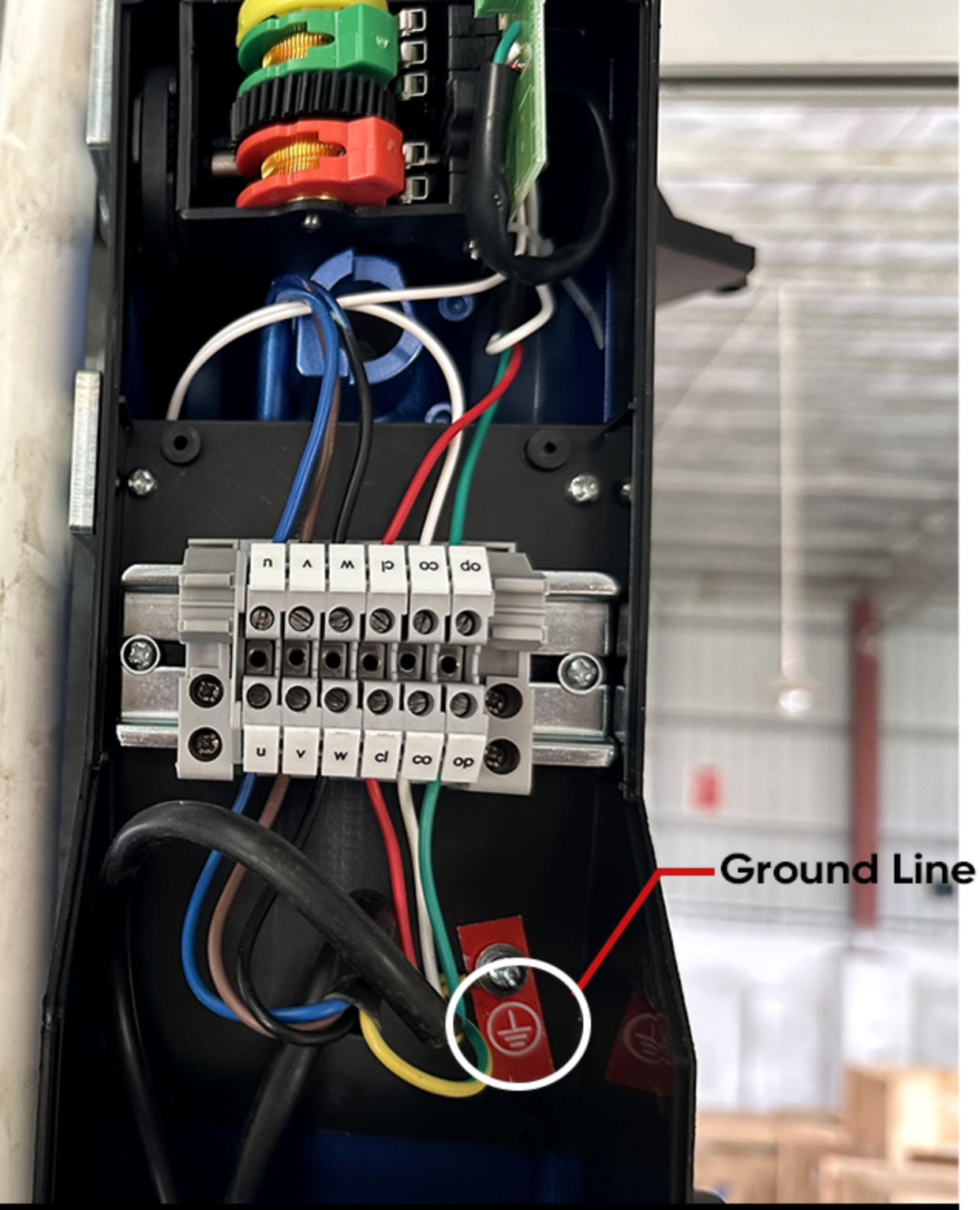
Motor and control box wiring.



1. Remove the plastic housing.



2. Insert two wires into holes and tighten the cap cover.



220V Motor Wiring

- Before carry out any wiring work, it is essential to disconnect the control unit from the mains supply.

Wire 1

U-Blue Line

V-Brown Line

W-Black Line

Ground Line-Yellow and Green Line

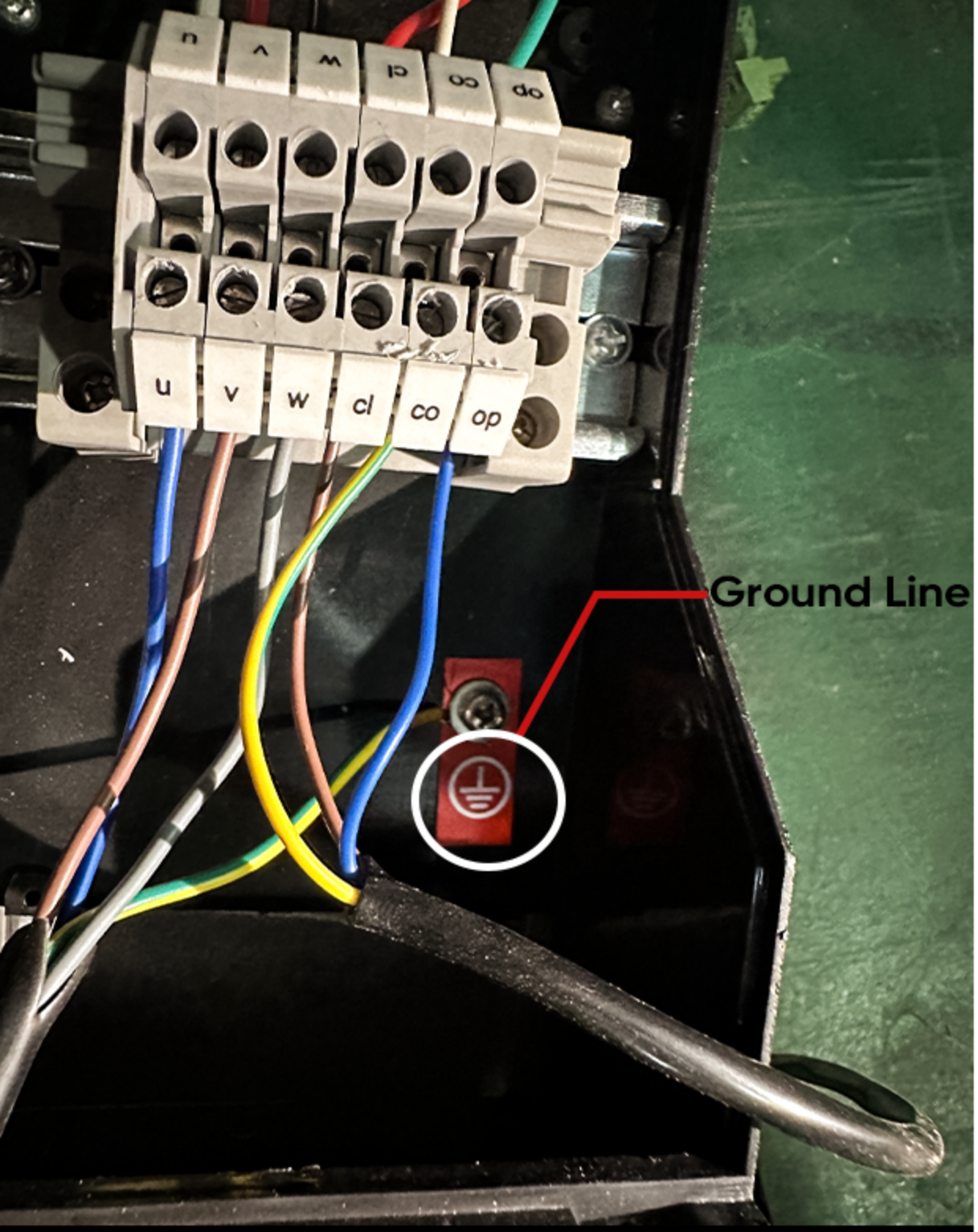
Wire 2

CL-Red Line

CO-White Line

OP-Green Line

- Wiring motor and control box according to pictures.



- Wiring motor and control box according to pictures.

110V Motor Wiring

- Before carry out any wiring work, it is essential to disconnect the control unit from the mains supply.

Wire 1

U-Blue Line

V-Brown Line

W-Gray Line

Ground Line-Yellow and Green Line

Wire 2

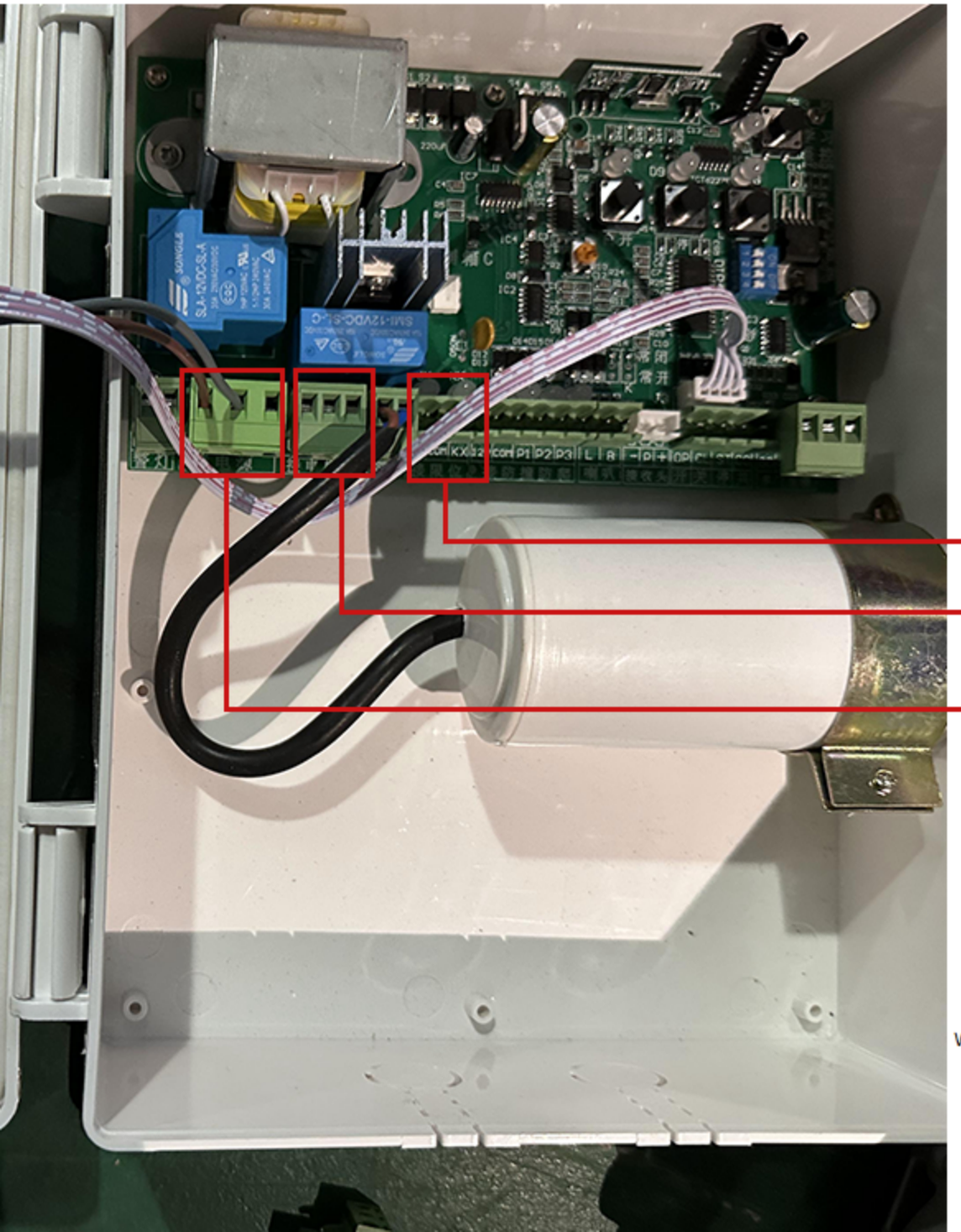
CL-Brown Line

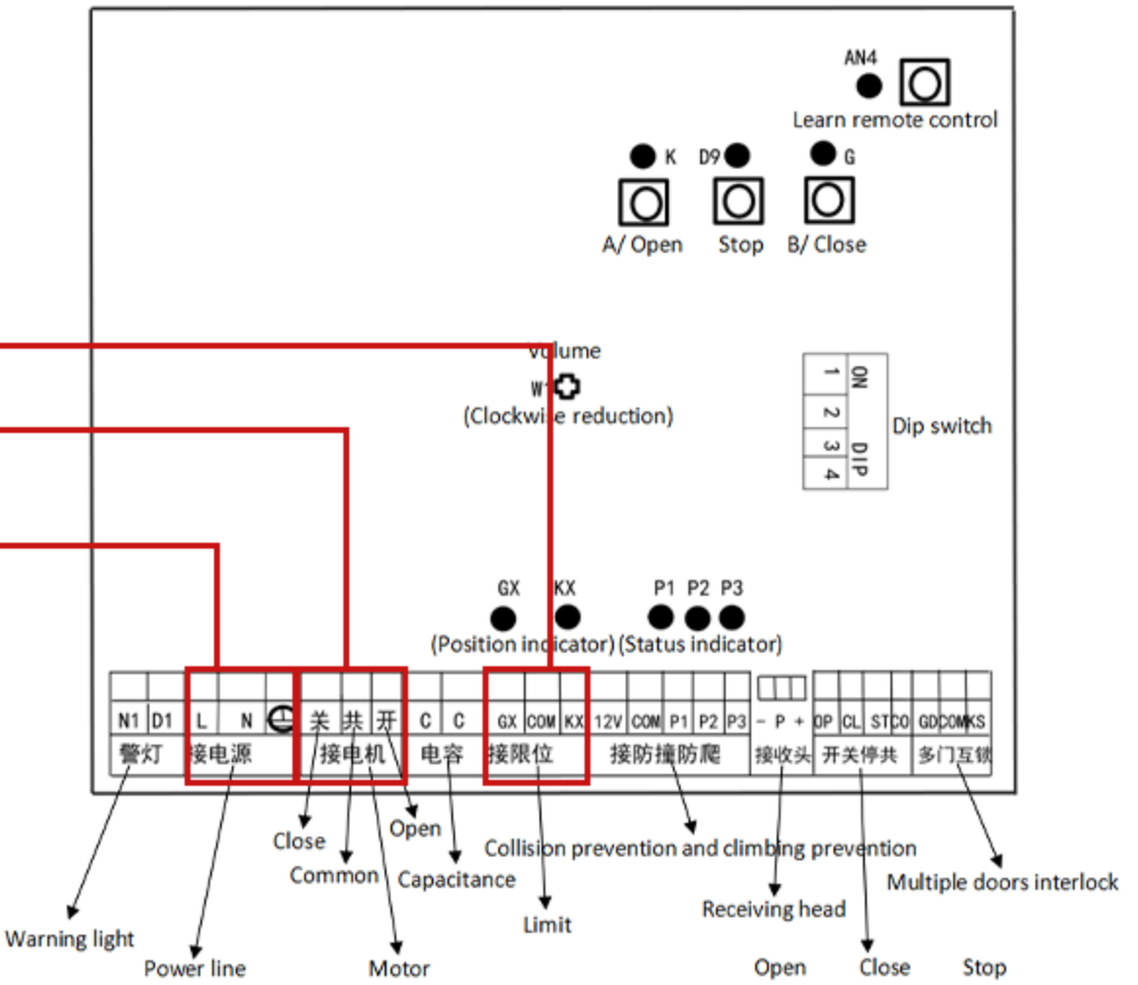
CO-Yellow and Green Line

OP-Blue Line

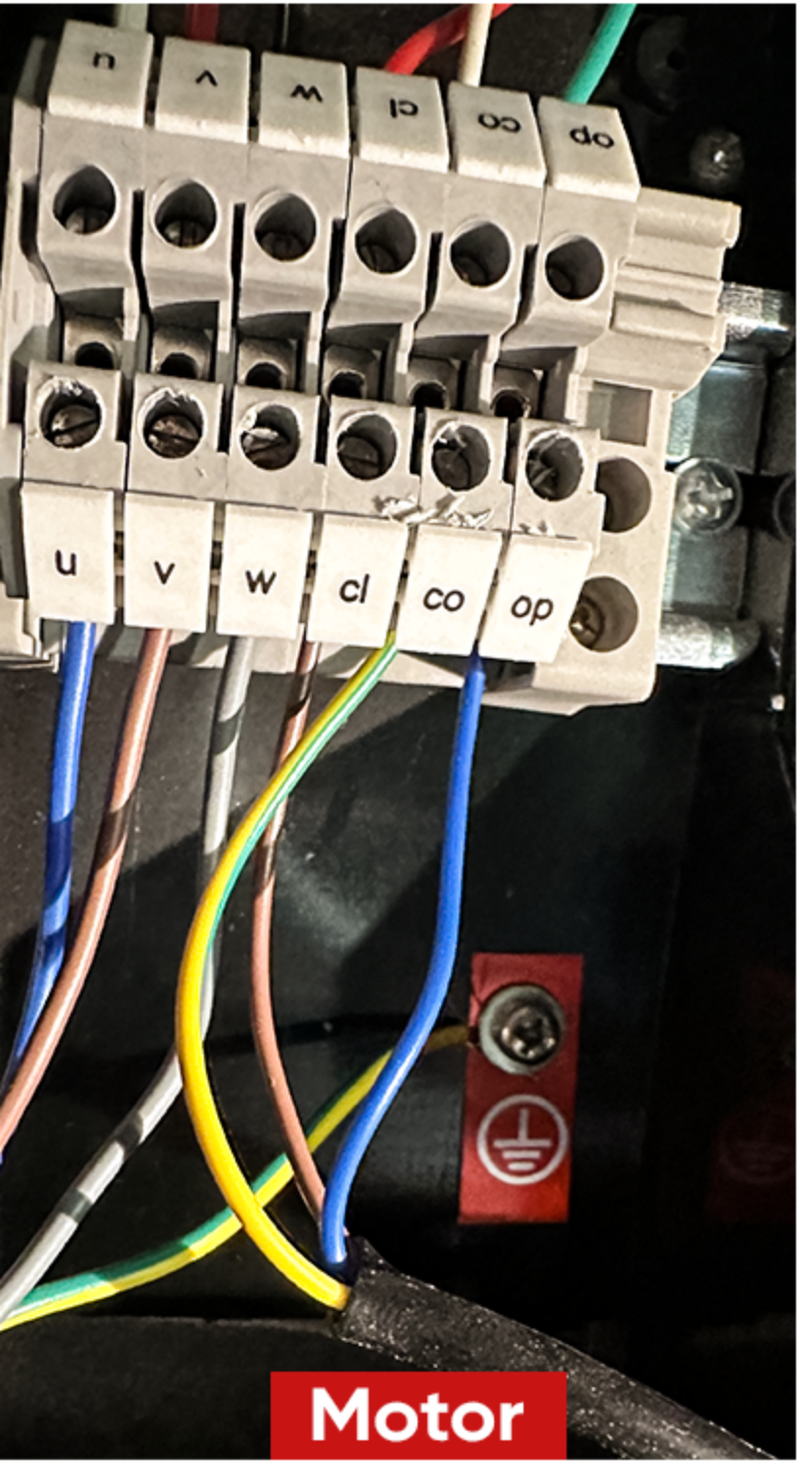
110V Control Box Wiring

3 Part connect wire from motor : **Power Line, Motor, Limit**





110V Control Box Wiring



Motor

Wiring power cord with plug

Wiring ground line
(Wire1-Yellow and Green)

Wiring "V" (Wire1-Brown)

Wiring "U" (Wire1-Blue)

L	N	⏚	关	共	开
接电源			接电机		

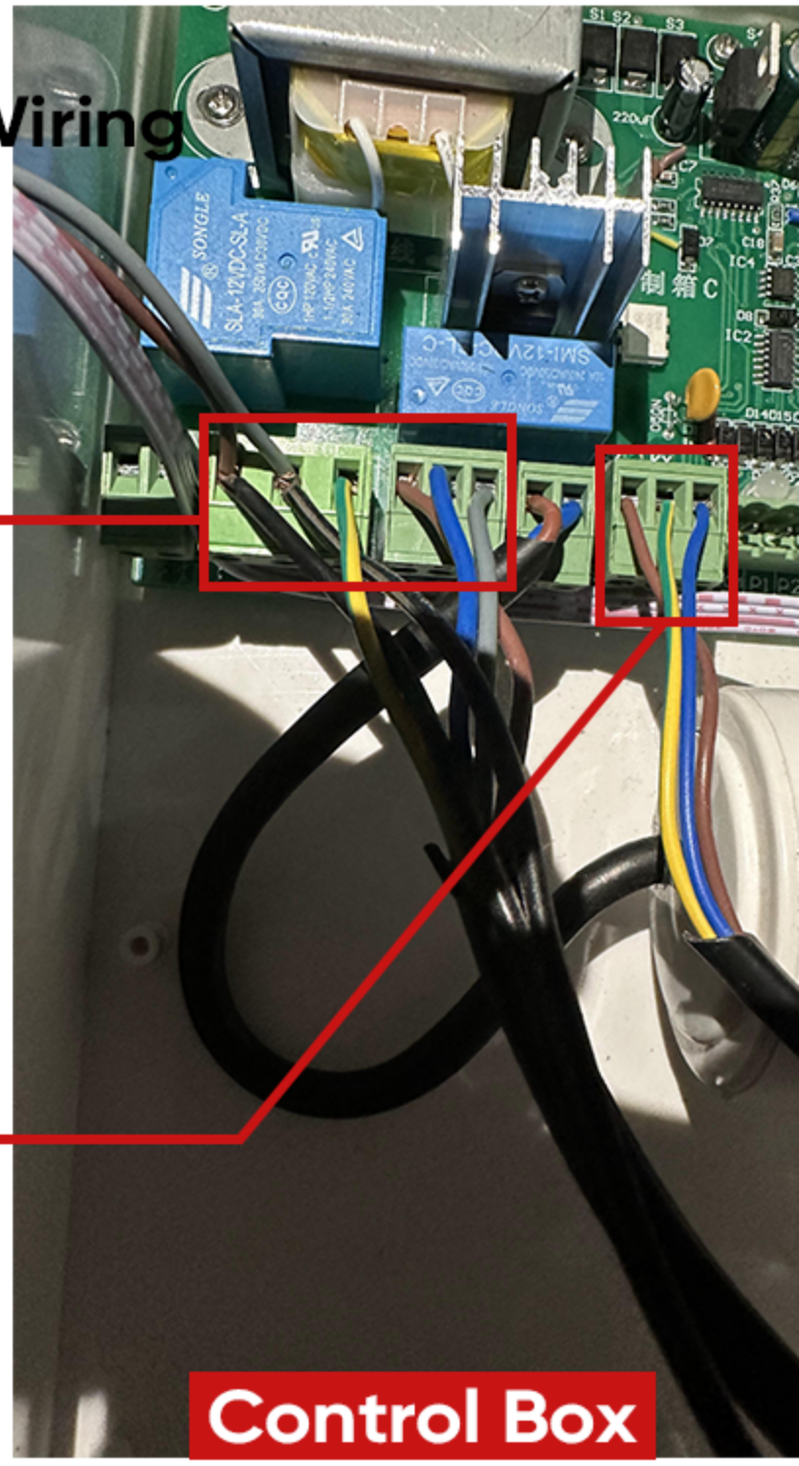
Wiring "W" (Wire1-Gray)

Wiring "CL" (Wire2-Brown)

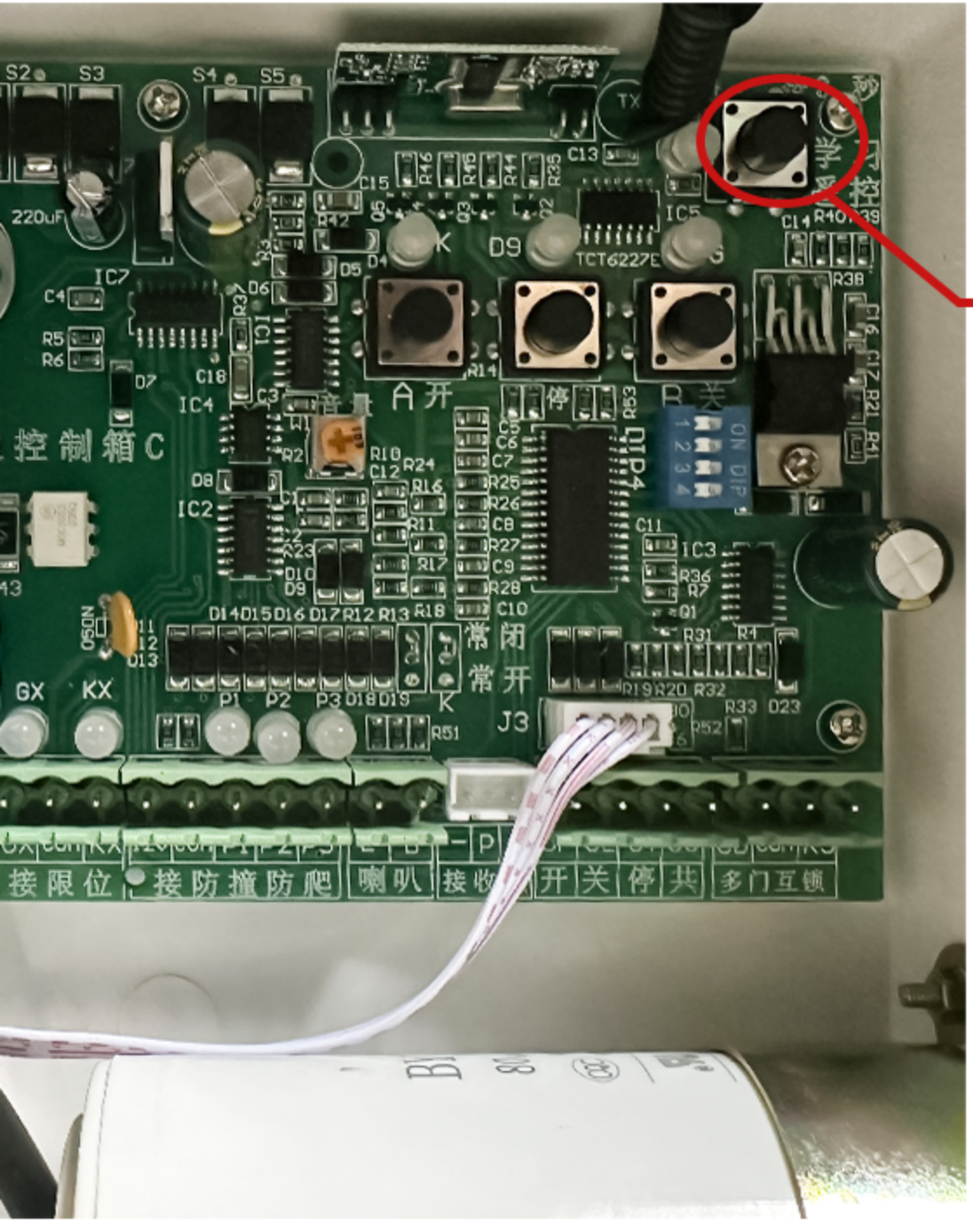
Wiring "CO"
(Wire2-Yellow and Green)

Wiring "OP" (Wire2-Blue)

GX	COM	KX
接限位		



Control Box



Step 20

Adding remote control

Step 1: Keep press this button for 3 seconds until the LED will be on.

Step 2: Press any remote control button, LED will flash about a few seconds until LED will turn off. This indicates the learning process is finished.



Step 21

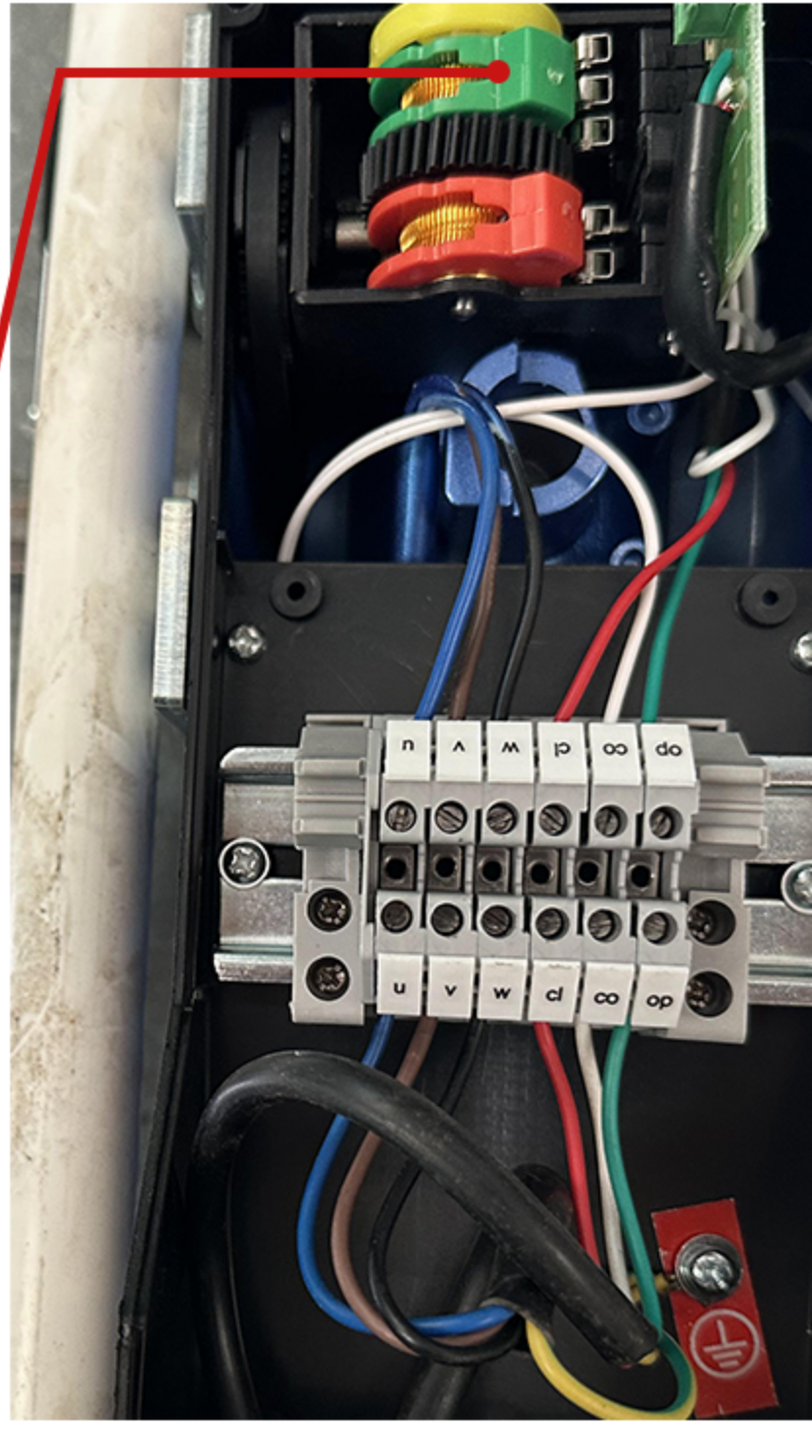
Adjustment limit switch



1. Set the OPEN end position

Step 1: Press "OPEN" button, until door panel opening the end position. Then press "STOP" button until door panel stop.

Step 2: Turn the green control CAM clockwise until it presses down on the limit switch and makes a sound, then use a small screwdriver to lock the screw.



Step 21

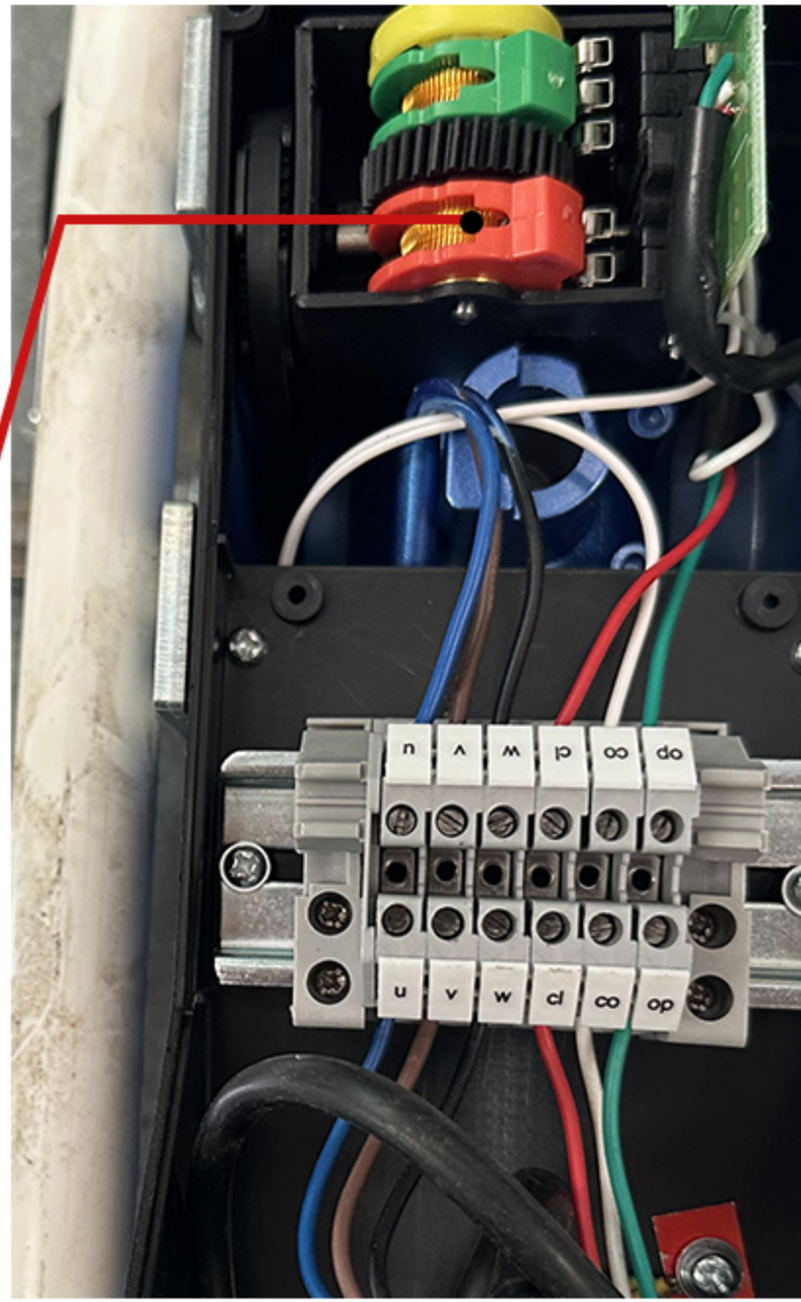
Adjustment limit switch

2. Set the CLOSE end position



Step 1: Press "CLOSE button, until door panel closing the end position. Then press "STOP" button until door panel stop.

Step 2: Turn the red control CAM anticlockwise until it presses down on the limit switch and makes a sound, then use a small screwdriver to lock the screw.



Step 22

Test Garage Door

Press " OPEN " button





Step 22

Test Garage Door

Press " STOP " button





Step 22

Test Garage Door

Press " CLOSE" button



