



WL-235HS
ASSEMBLY MANUAL

Ver.2406



CAUTION

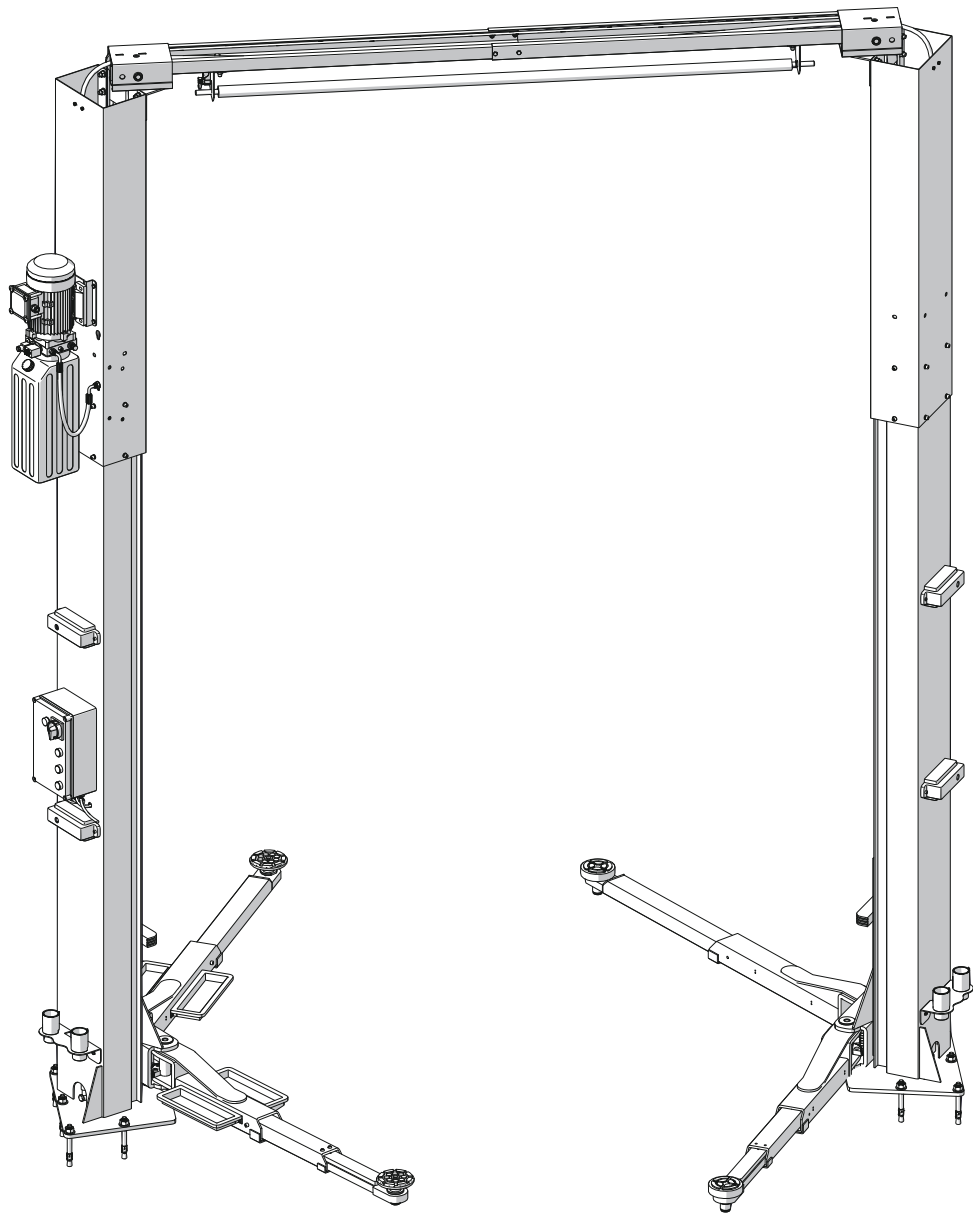
This manual has been prepared for workshop personnel expert in the use of the lift (operator) and technicians responsible for routine maintenance (Maintenance fitter).

This manual must be read with User's Manual.

The lifting, transport, unpacking, assembly, installation, starting up, initial adjustment and testing, extraordinary maintenance, repair, overhauls, transport and dismantling of the lift must be performed by specialized personnel from the licensed dealer or a service center authorized by the manufacturer.

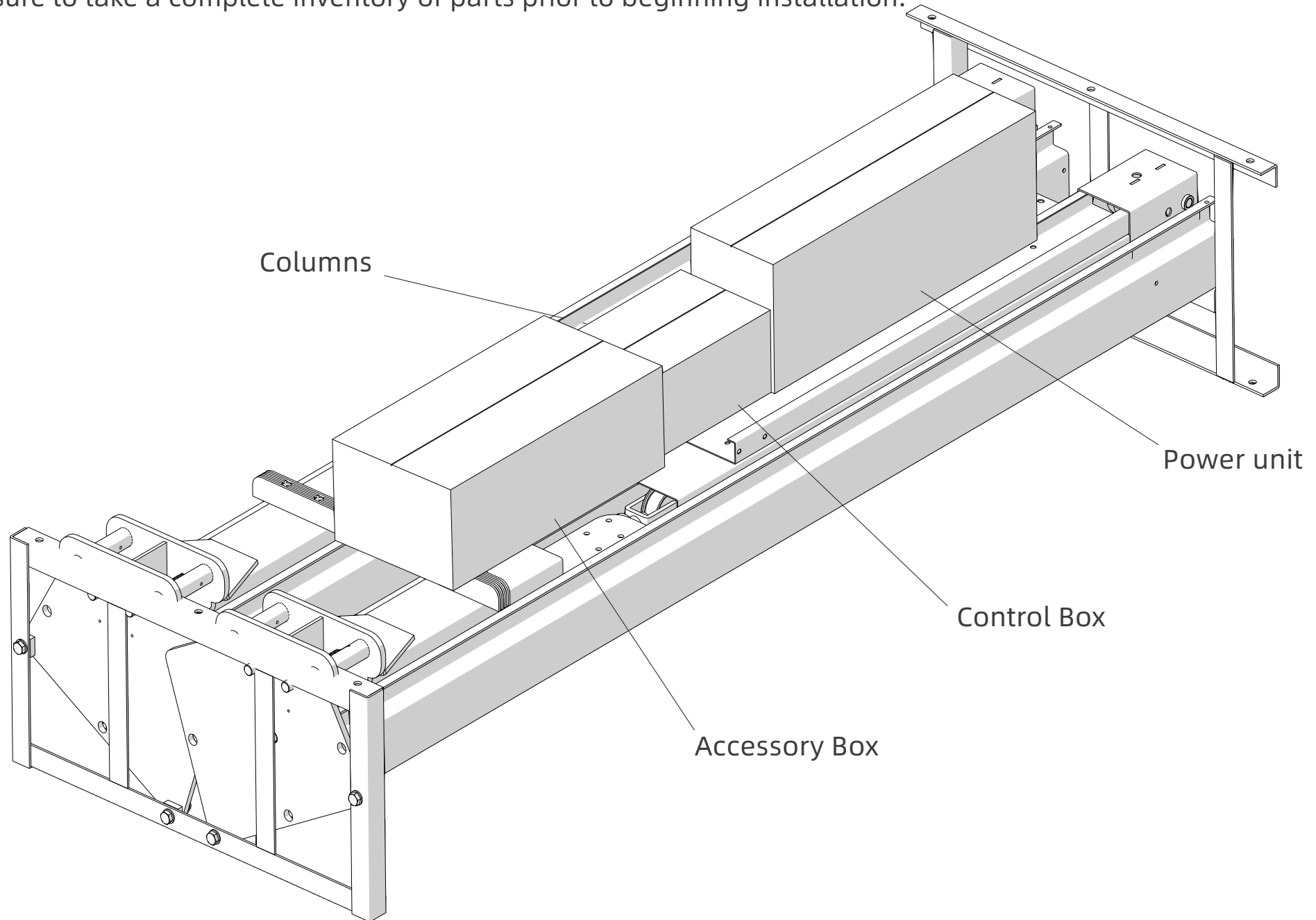
ALL PACKING, LIFTING, HANDLING, TRANSPORT AND UNPACKING OPERATIONS ARE TO BE PERFORMED EXCLUSIVELY BY EXPERT PERSONNEL.

SKILLED AND AUTHORIZED PERSONNEL ONLY SHOULD BE ALLOWED TO PERFORM THESE OPERATIONS, FOLLOW ALL INSTRUCTIONS SHOWN BELOW CAREFULLY, IN ORDER TO PREVENT POSSIBLE DAMAGE TO THE CAR LIFT OR RISK OF INJURY TO PEOPLE. BE SURE THAT THE OPERATING AREA IS CLEARED OF PEOPLE.



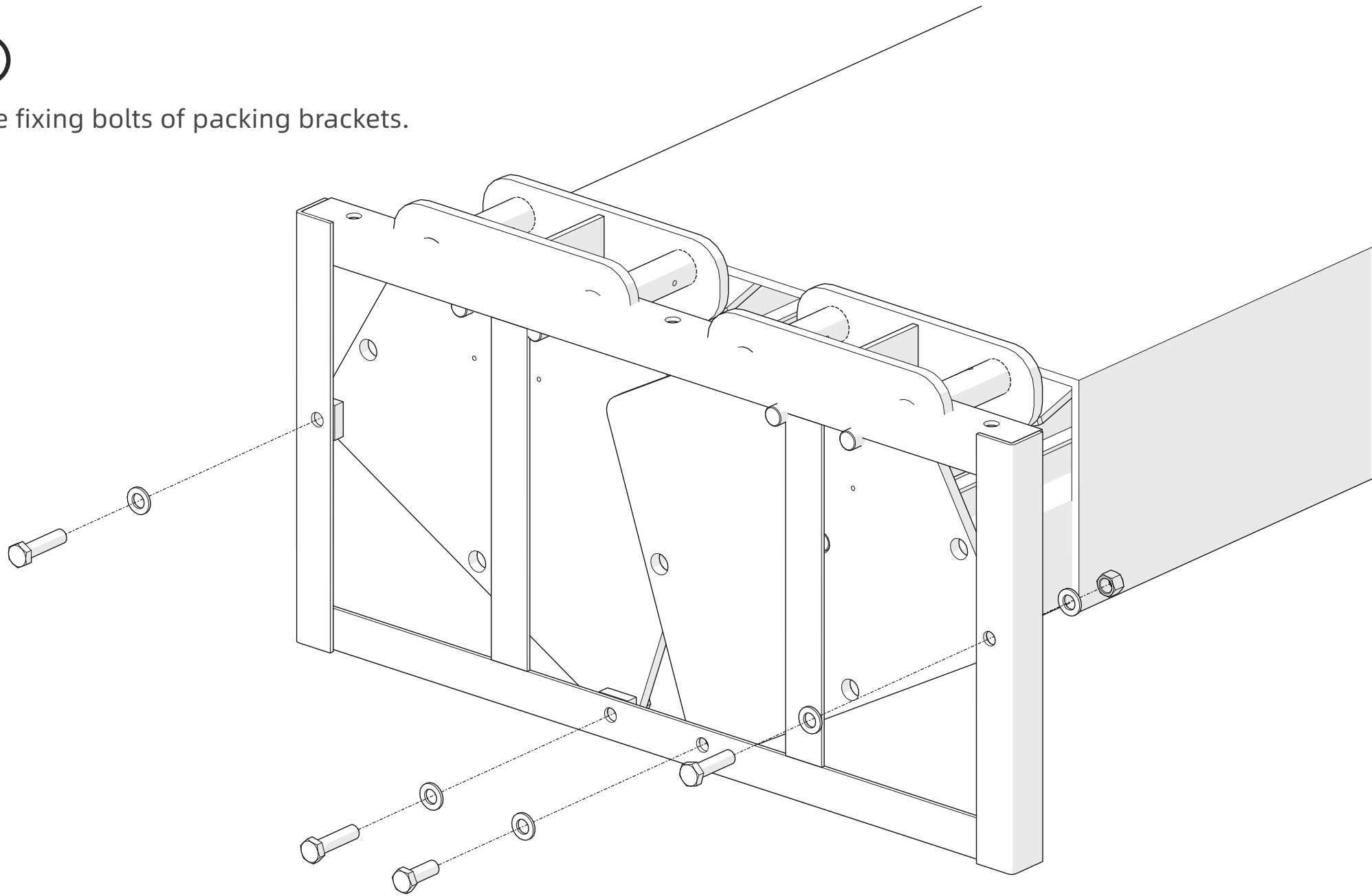
Step 1

Be sure to take a complete inventory of parts prior to beginning installation.



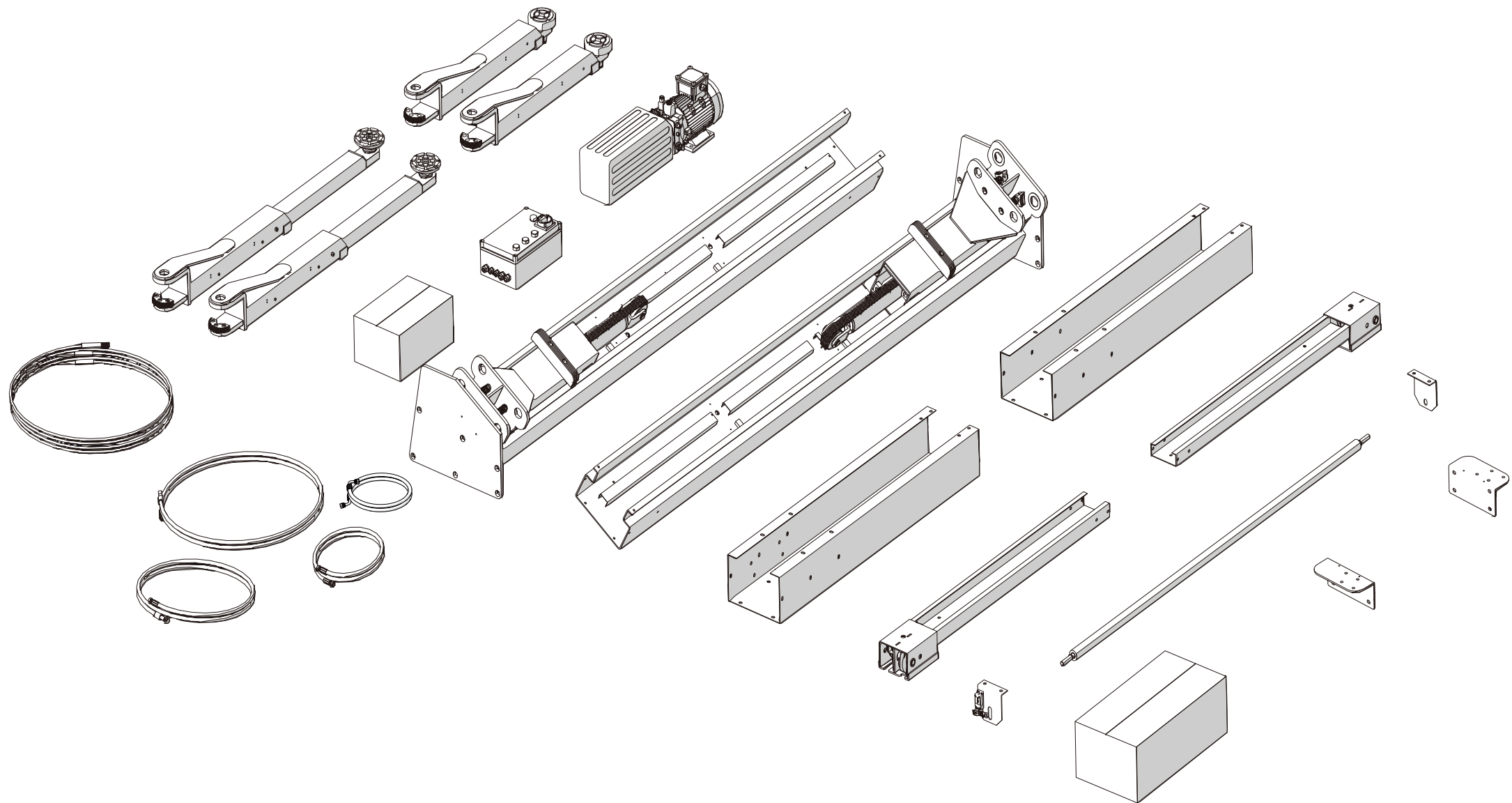
Step 2

To remove fixing bolts of packing brackets.

































Step 3







To disassembly the package and remove all components and accessories.



WL-235HS Accessory box details

| Serial number | Part name | Illustration | Type | Qty/Unit | Remarks |
|---------------|--|---|---------|----------|---------|
| 1 | Arm shaft |  | Φ40*165 | 4 | |
| 2 | Pin |  | Φ6*50 | 4 | |
| 3 | Suv adapter |  | Φ50×70L | 4 | |
| 4 | Protection rubber |  | | 2 | |
| 5 | Screws and washer |  | M8*25 | 4 each | |
| 6 | Anchor |  | M18*160 | 10 | |
| 7 | U-shaped gasket |  | | 15 | |
| 8 | Electromagnet |  | | 4 | |
| 9 | Screws |  | M5*10 | 12 | |
| 10 | Electromagnet cover |  | | 4 | |
| 11 | Screws and washer for Electromagnet cover |  | M5*20 | 8 each | |
| 12 | Lock plate |  | | 4 | |
| 13 | Lock plate (small) |  | | 4 | |
| 14 | Screws for lock plate |  | M6*20 | 4 | |
| 15 | Pump station installation board |  | | 1 | |

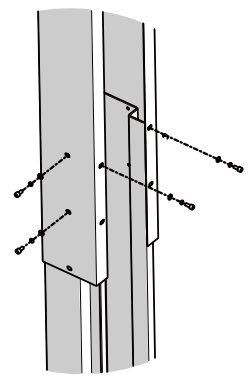
| | | | | | |
|----|--|---|--------|---------|----------------|
| 16 | Pumping station bolt group |  | M8*25 | 8 each | |
| 17 | Ties |  | | 30 | |
| 18 | Dust-proof curtain |  | 3800mm | 2 | |
| 19 | Spring for curtain |  | | 8 | |
| 20 | Spring screws for curtain |  | M6×25L | 4 | |
| 21 | Upper limit plate with holes |  | | 1 each | Spraying parts |
| 22 | Connect beams and columns |  | M10*25 | 16 each | |
| 23 | Connect two beams |  | M8*20 | 5 each | |
| 24 | Connect the heightening joint and the column |  | M10*16 | 20 each | |
| 25 | Bolt set for beam Limitation |  | M10*20 | 4 each | |
| 26 | Screws for electronic control box |  | M5*15 | 4 | |
| 27 | Oil pipe clamp |  | | 2 | |
| 28 | Screws for oil pipe clamp |  | M6*10 | 4 each | |
| 29 | Tool box |  | | 4 | |
| 30 | Screws for tool box |  | M6*8 | 8 | |

| | | | | |
|----|--------------------------------------|---|------------------------|--------|
| 31 | Footplate welding |  | | 2 |
| 32 | Screws+washers for footplate welding |  | M8*10、 8 | 4 each |
| 33 | Limit switch |  | One long and one short | 1 each |
| 34 | Screws for limit switch |  | M4*10/M4*25 | 1 each |
| 35 | Screws for limit switch |  | M5*10/M5*15 | 1 each |
| 36 | User manual |  | Update time 6-4 | 1 |

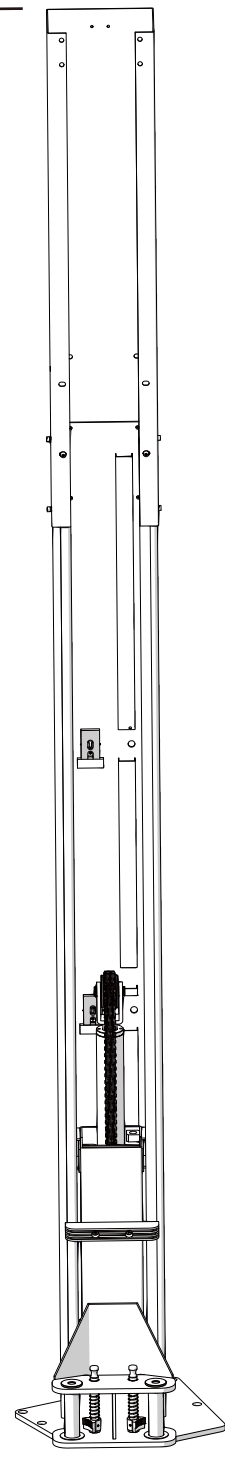
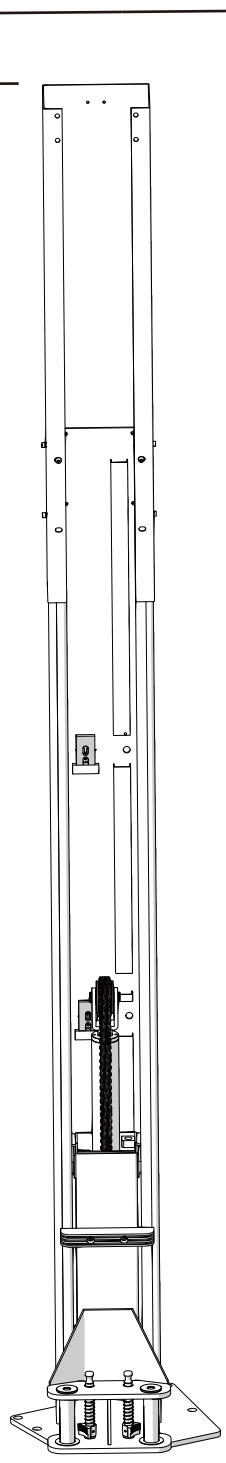
Step 4

To install 2-stage columns.
According to the user's needs and the internal space limitations of the building, there are two installation heights available for this equipment. The two options of total heights are 4,099mm and 3,899mm respectively.

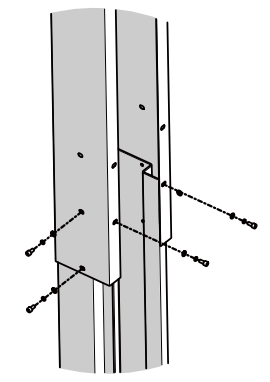
200mm



Column height=3,899mm

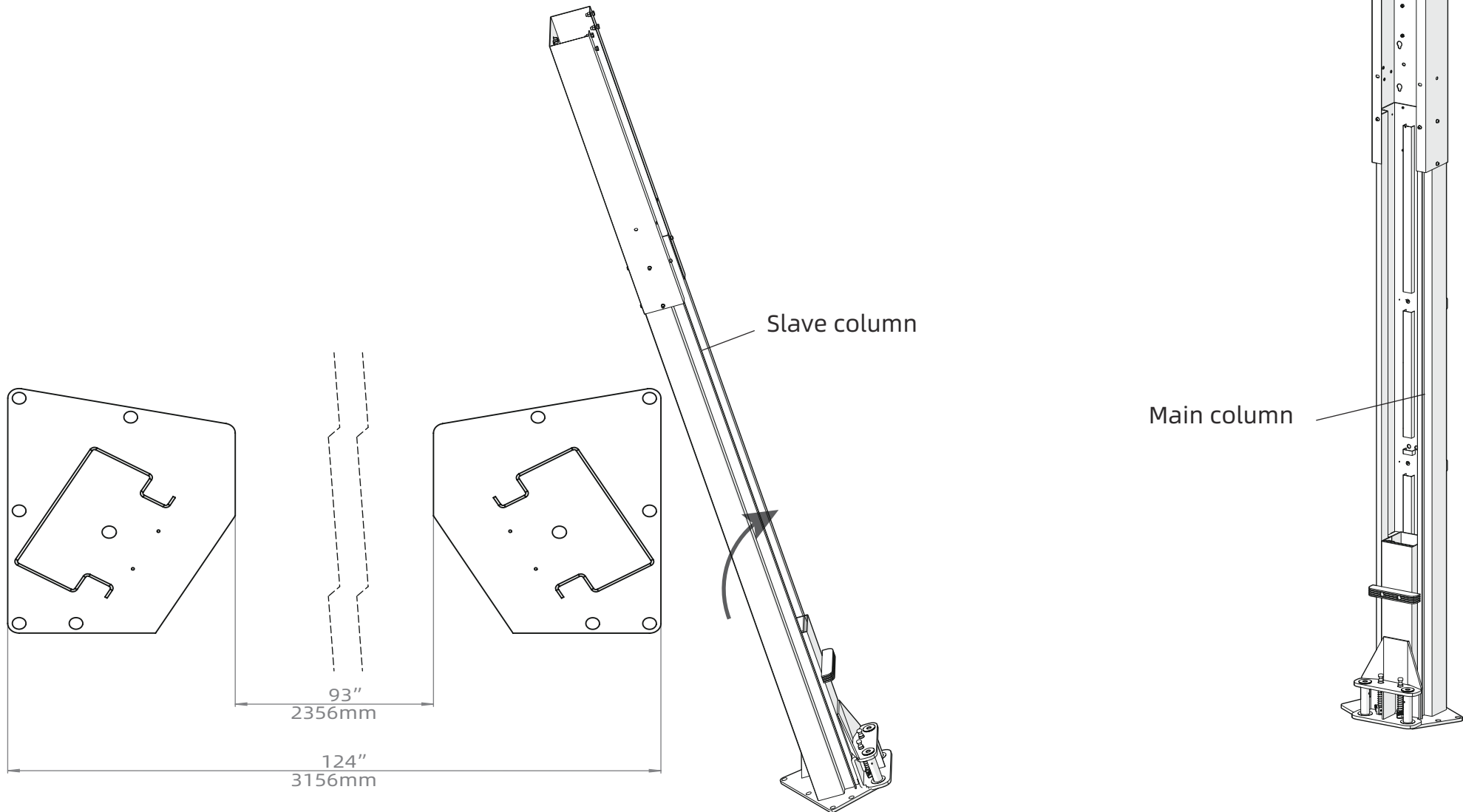


Column height=4,099mm



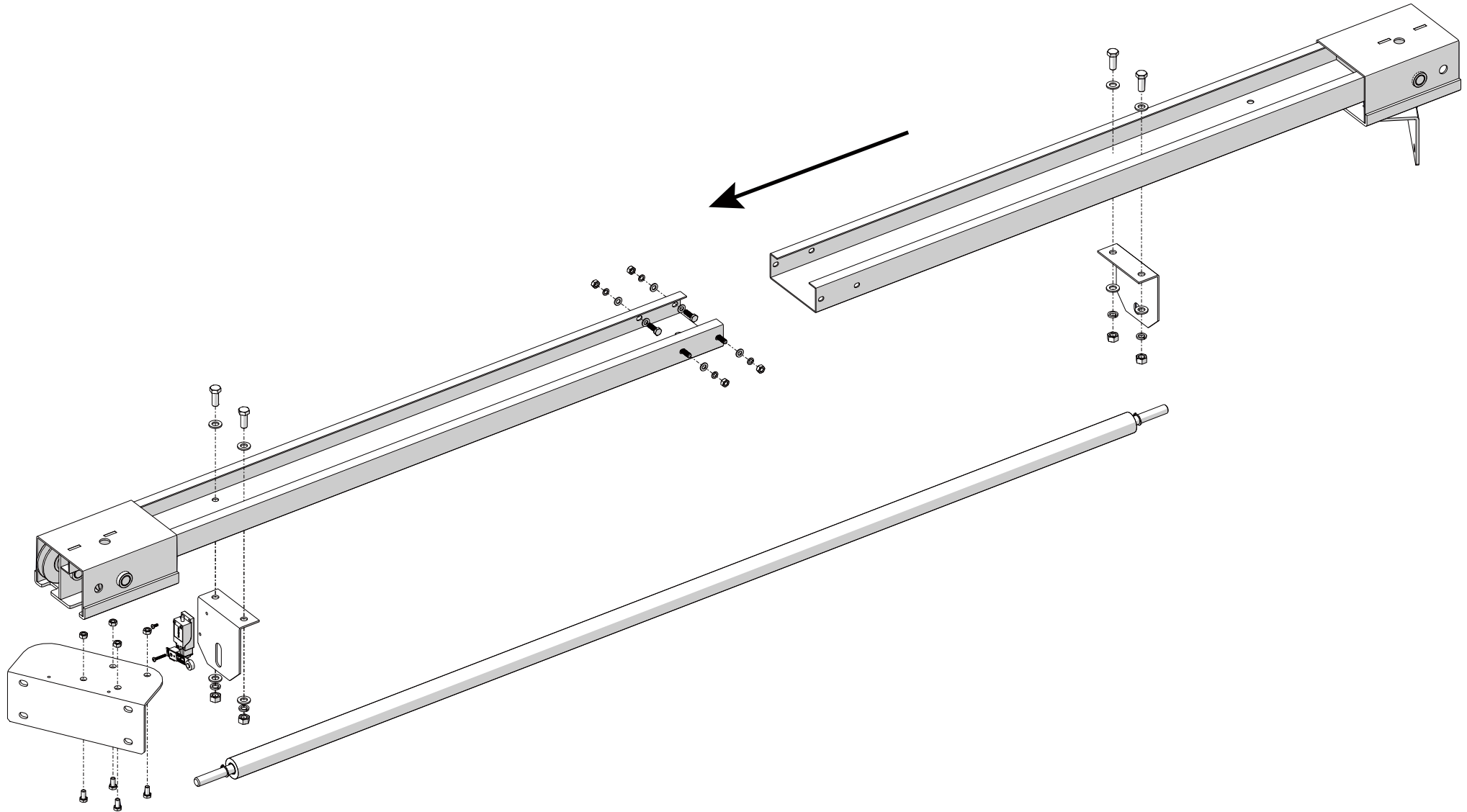
Step 5

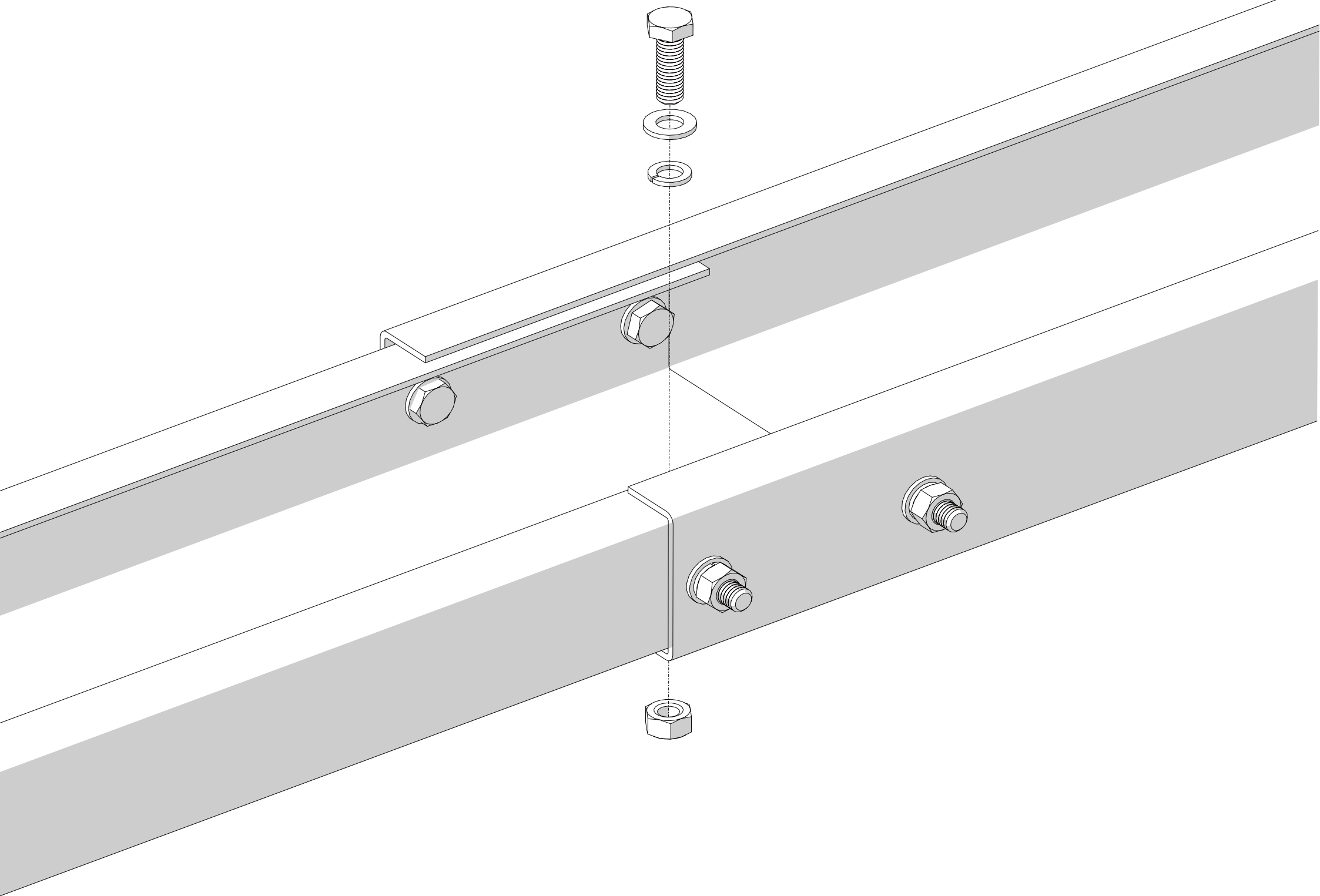
1. To move two columns to install area.
2. Pay attention: to recognize and main column and slave column position to install.
3. To lift up two columns.
4. To measure the distance of two columns, and two columns face each other accurately.



Step 6

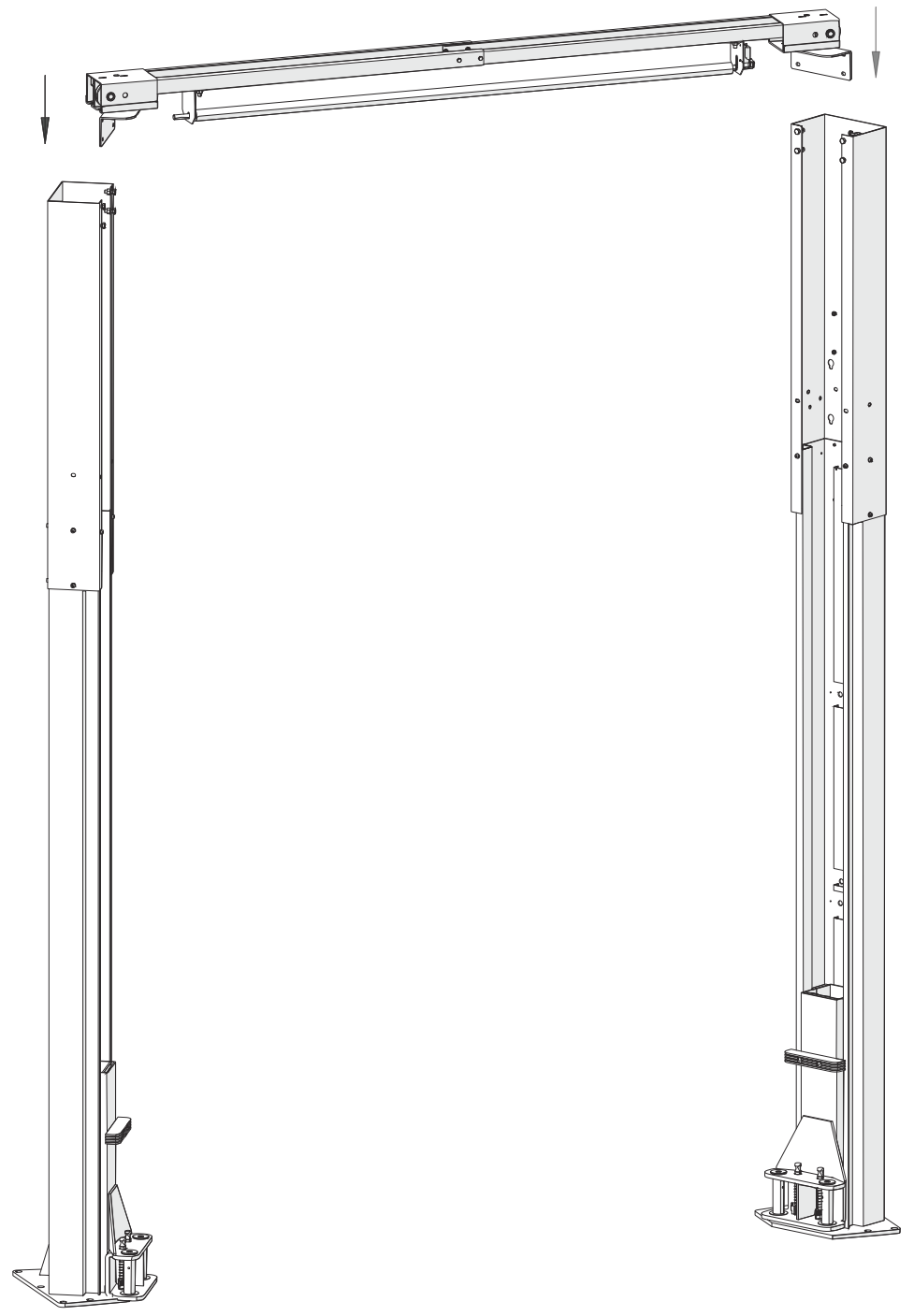
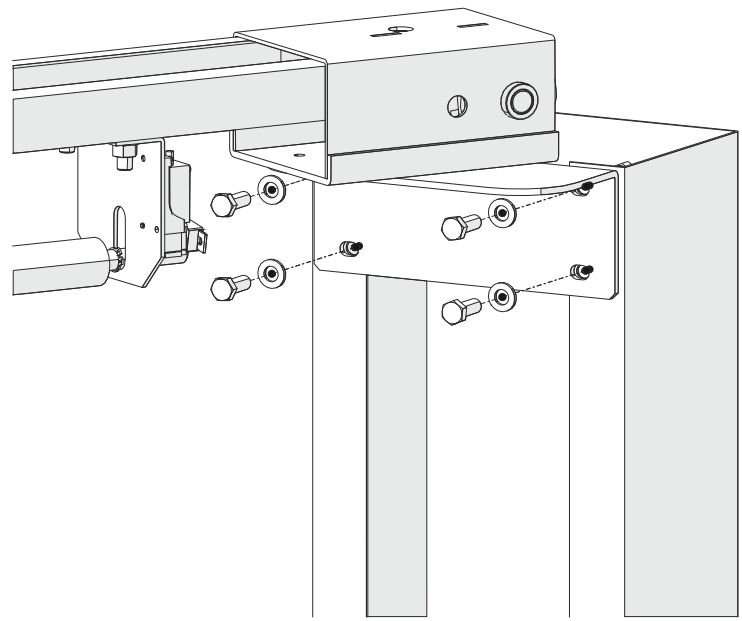
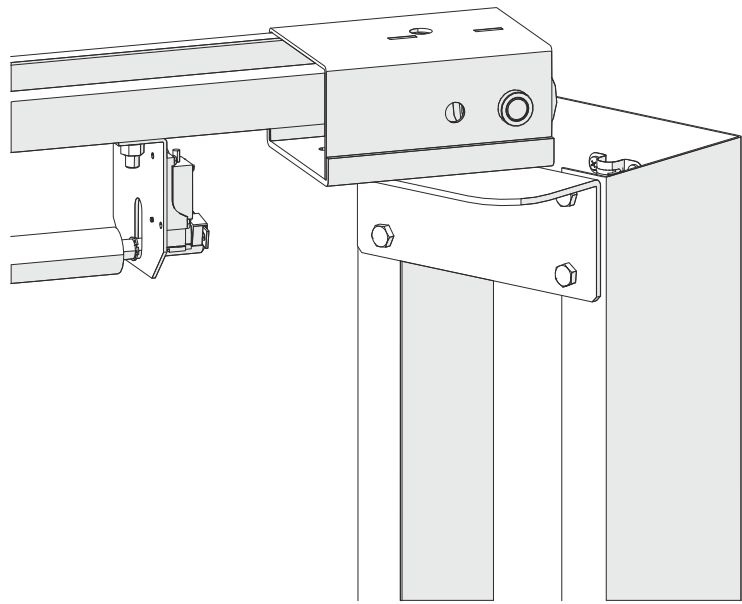
To install Beam, top limit rod and limit switch.





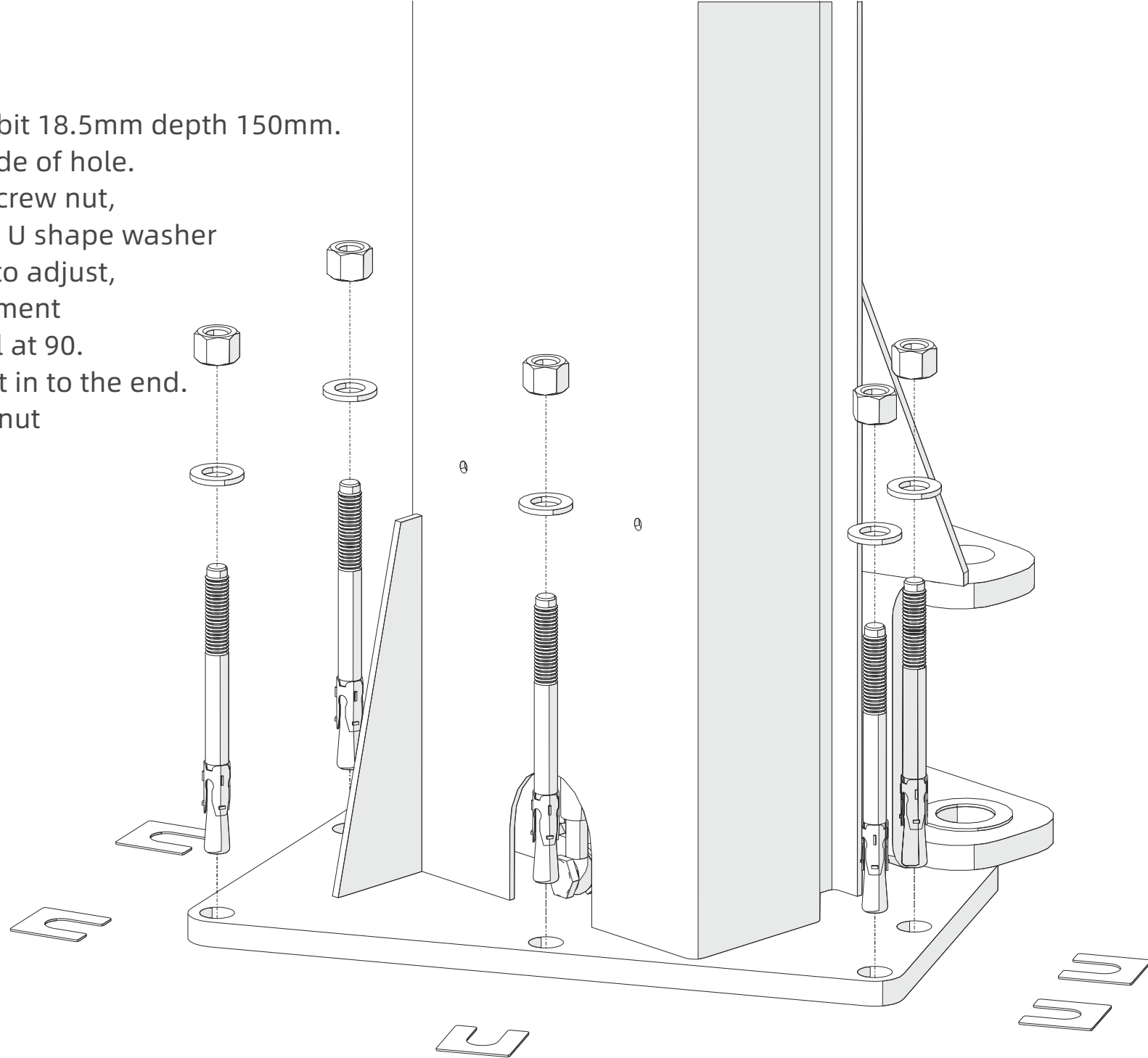
Step 7

To install the beam to the post



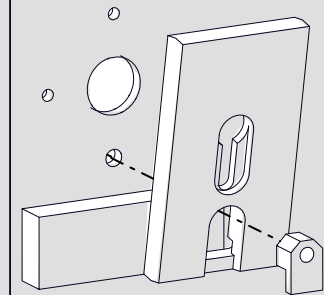
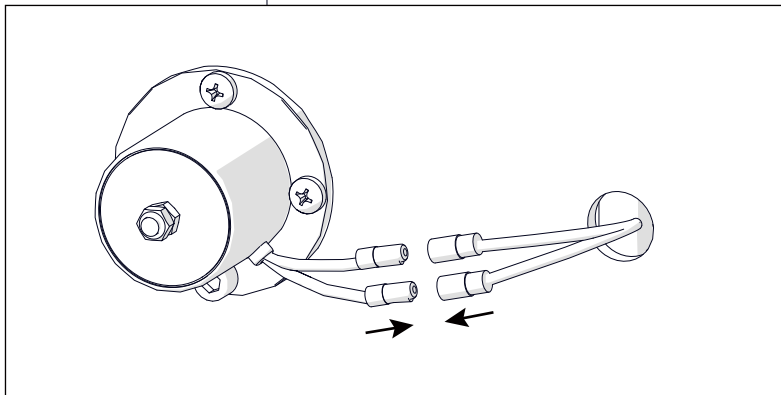
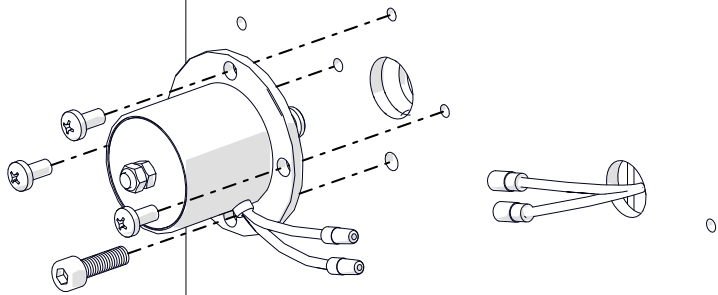
Step 8

1. Percussion drilling chopping bit 18.5mm depth 150mm.
2. Air purge to remove dust inside of hole.
3. Insert bolt with bushes and screw nut, not to tighten to death, insert U shape washer under the column baseplate to adjust, by aid of spirit level measurement to make column to be vertical at 90.
4. Insert bolt with hammer to hit in to the end.
5. Use the sleeve to tighten the nut



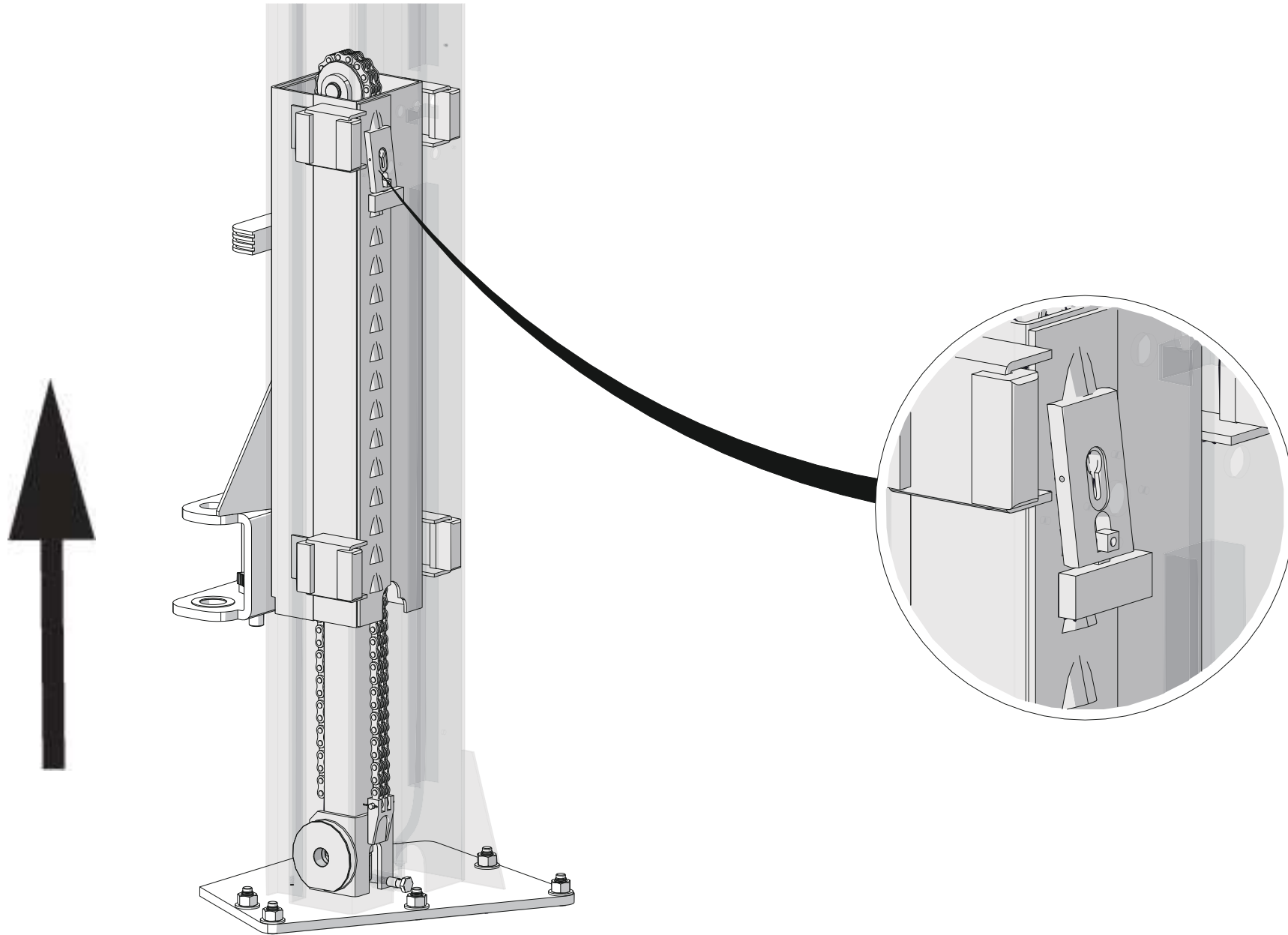
Step 9

To install the unlocking electromagnet and the lock plate.



Step 10

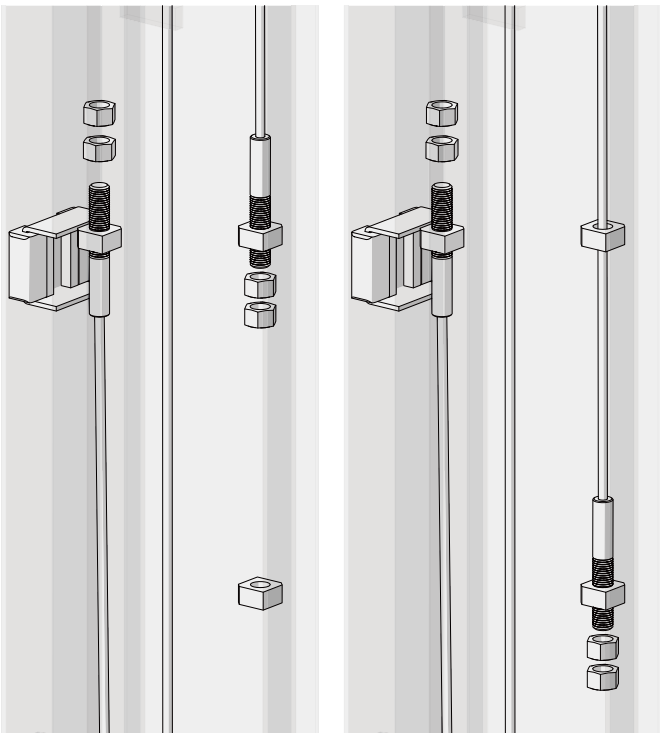
To lift up the carriage to the first latch.



Step 11

To install 2 cables.

Column height=4099mm Column height=3899mm

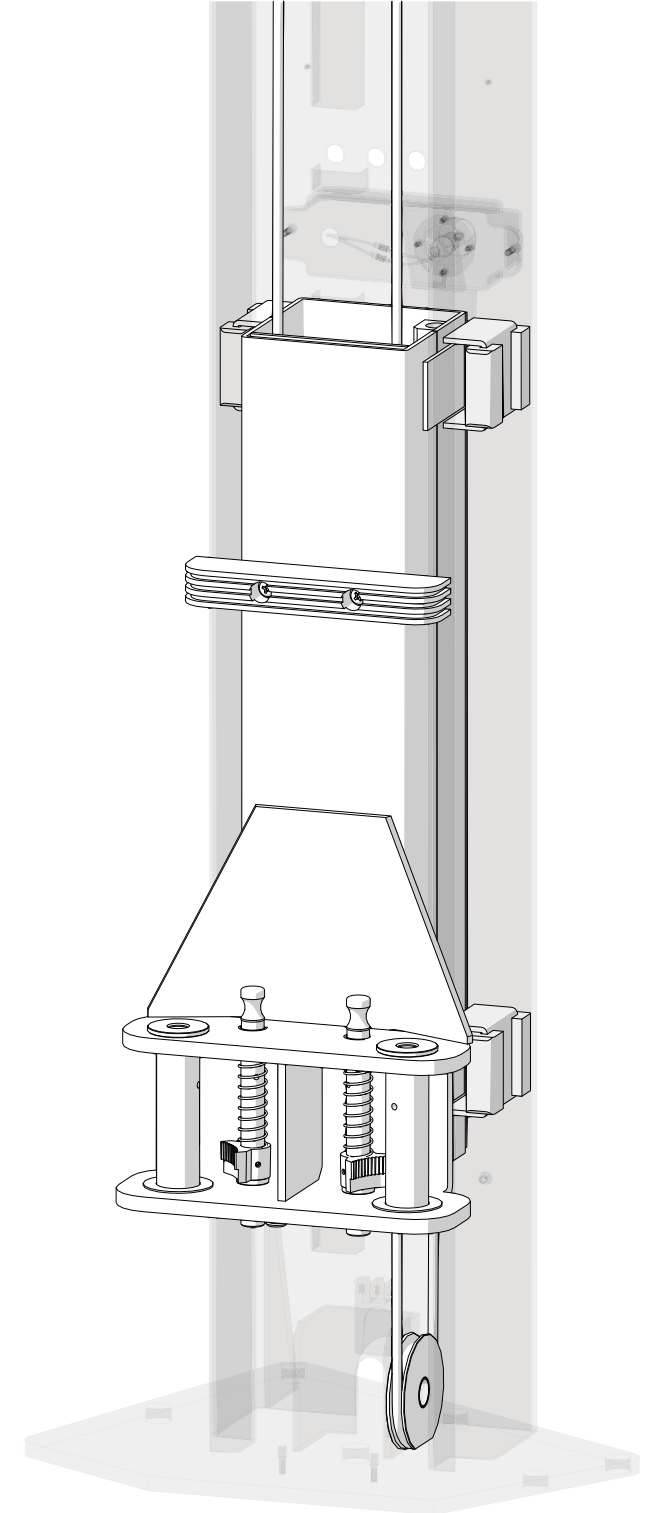
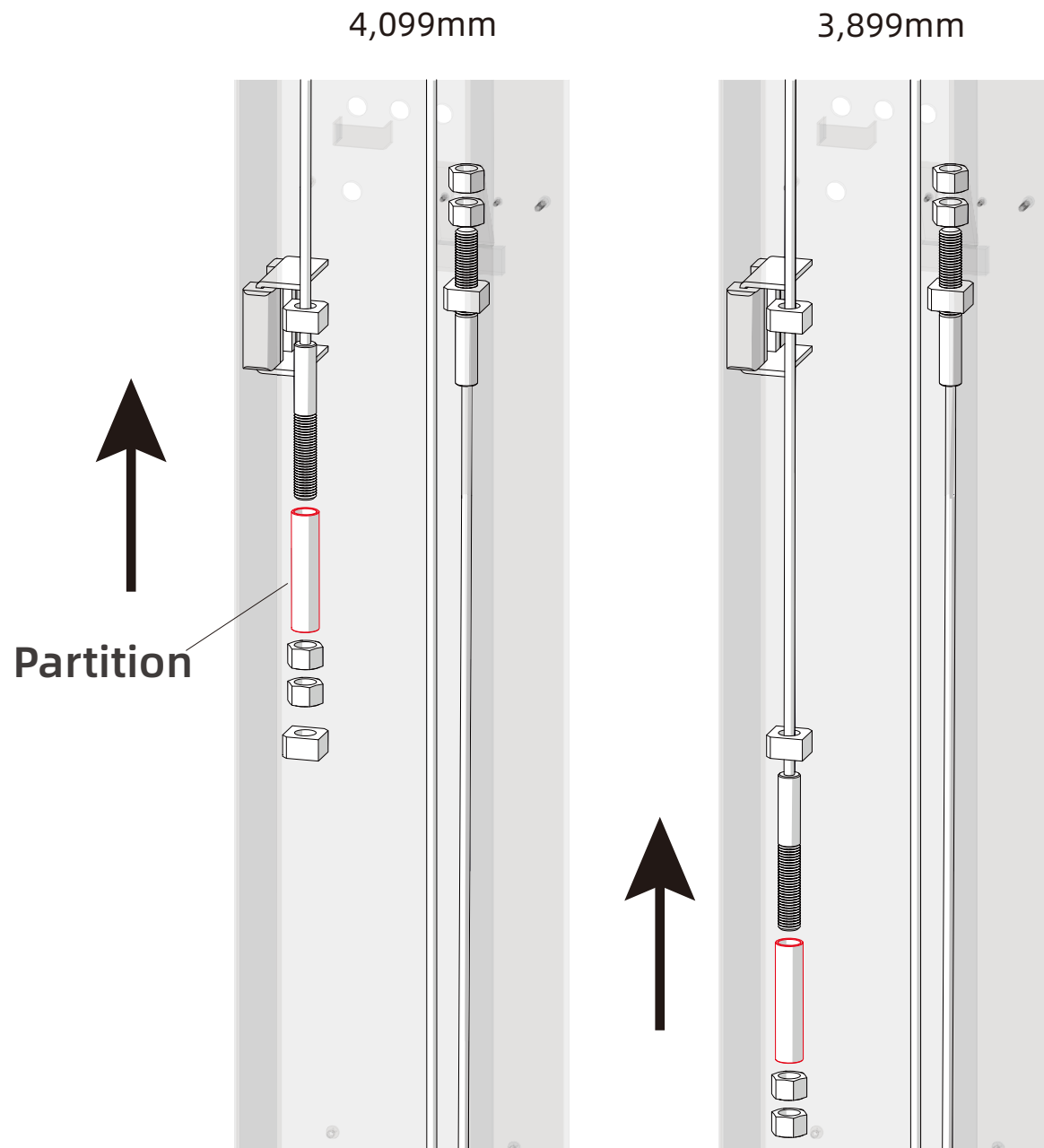


Slave column



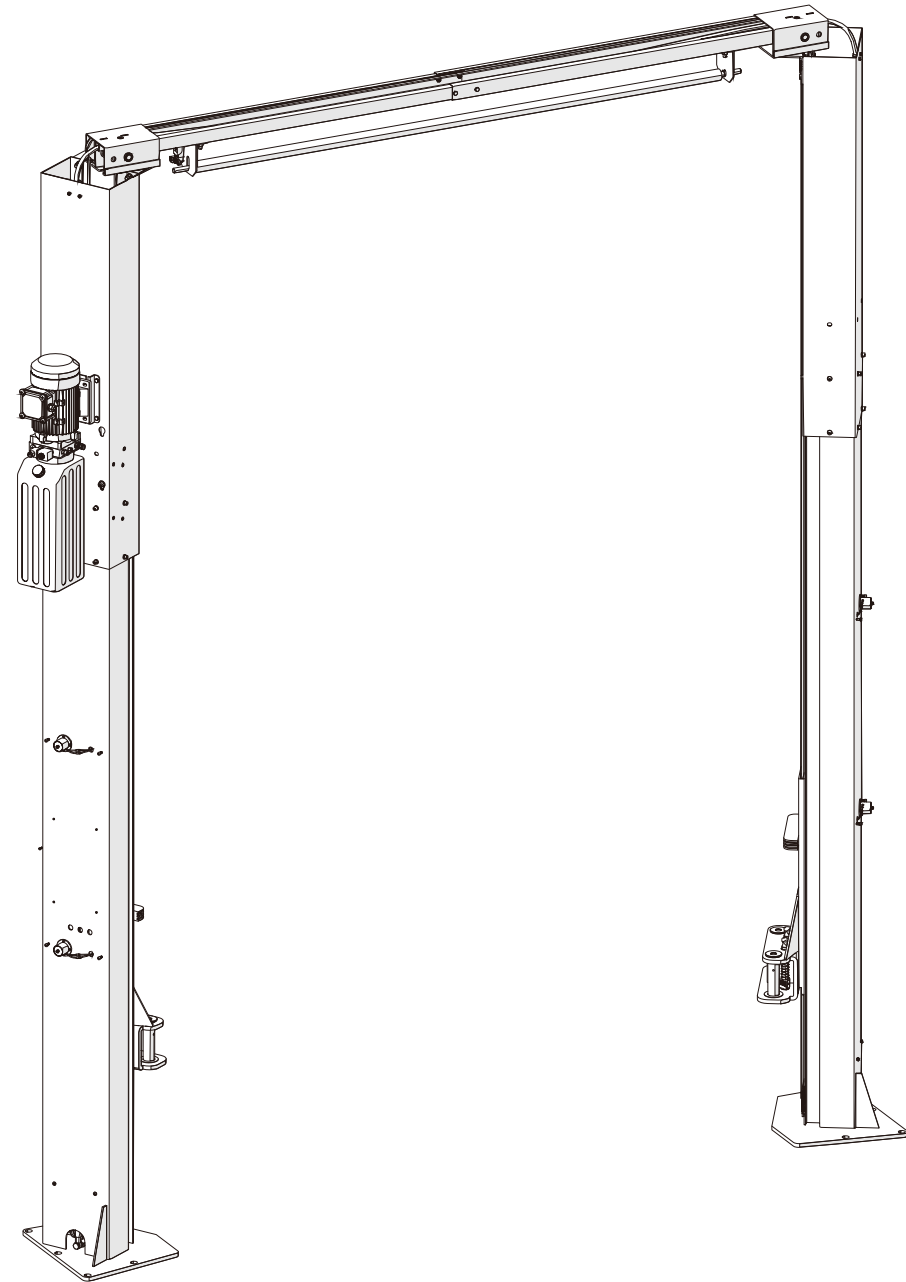
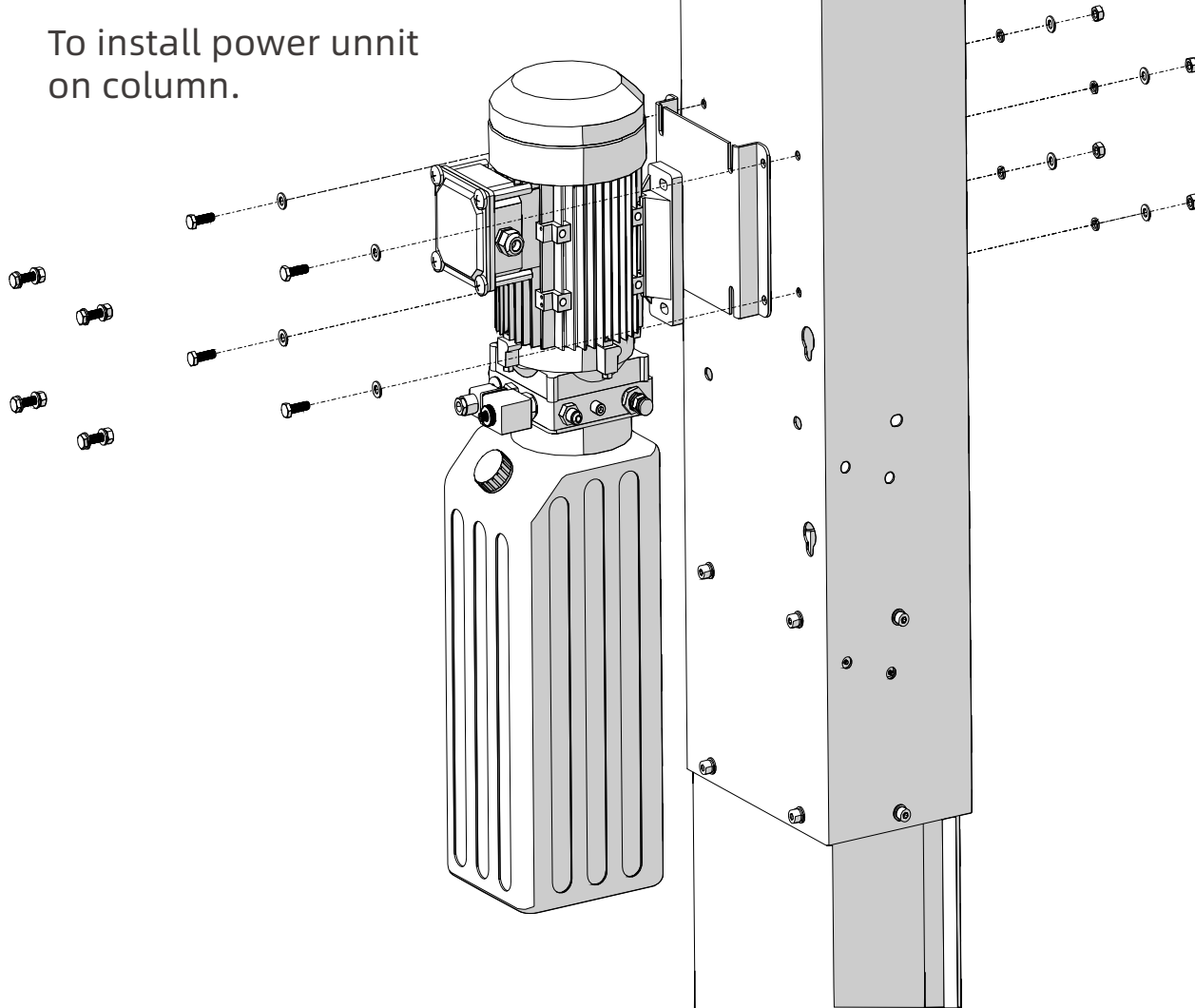
Main column

The length of the two wire ropes provided by the manufacturer is the same, and the long side is controlled by a partition. As shown in the figure.



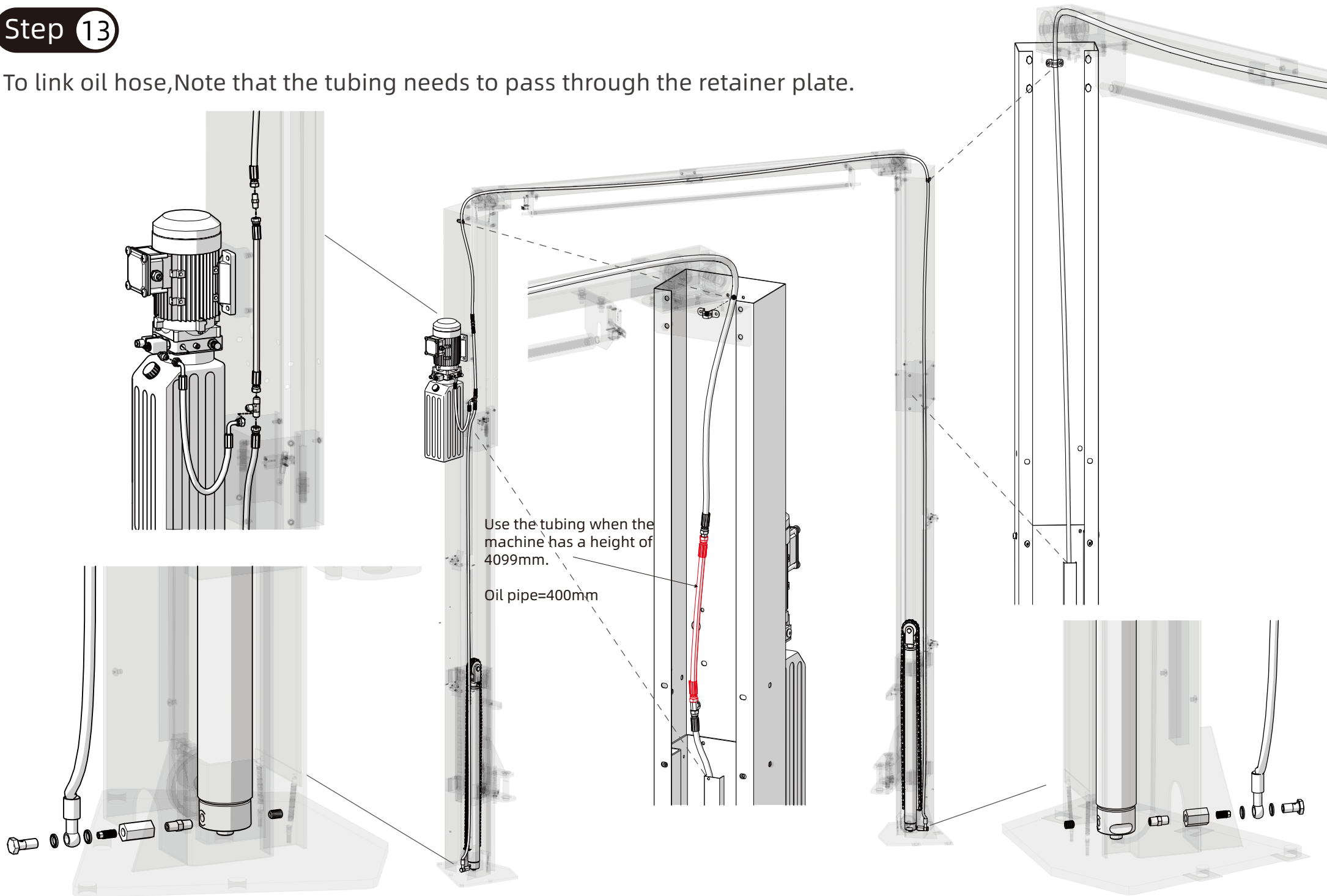
Step 12

To install power unit on column.



Step 13

To link oil hose, Note that the tubing needs to pass through the retainer plate.



Step 14

To install the control box on column.

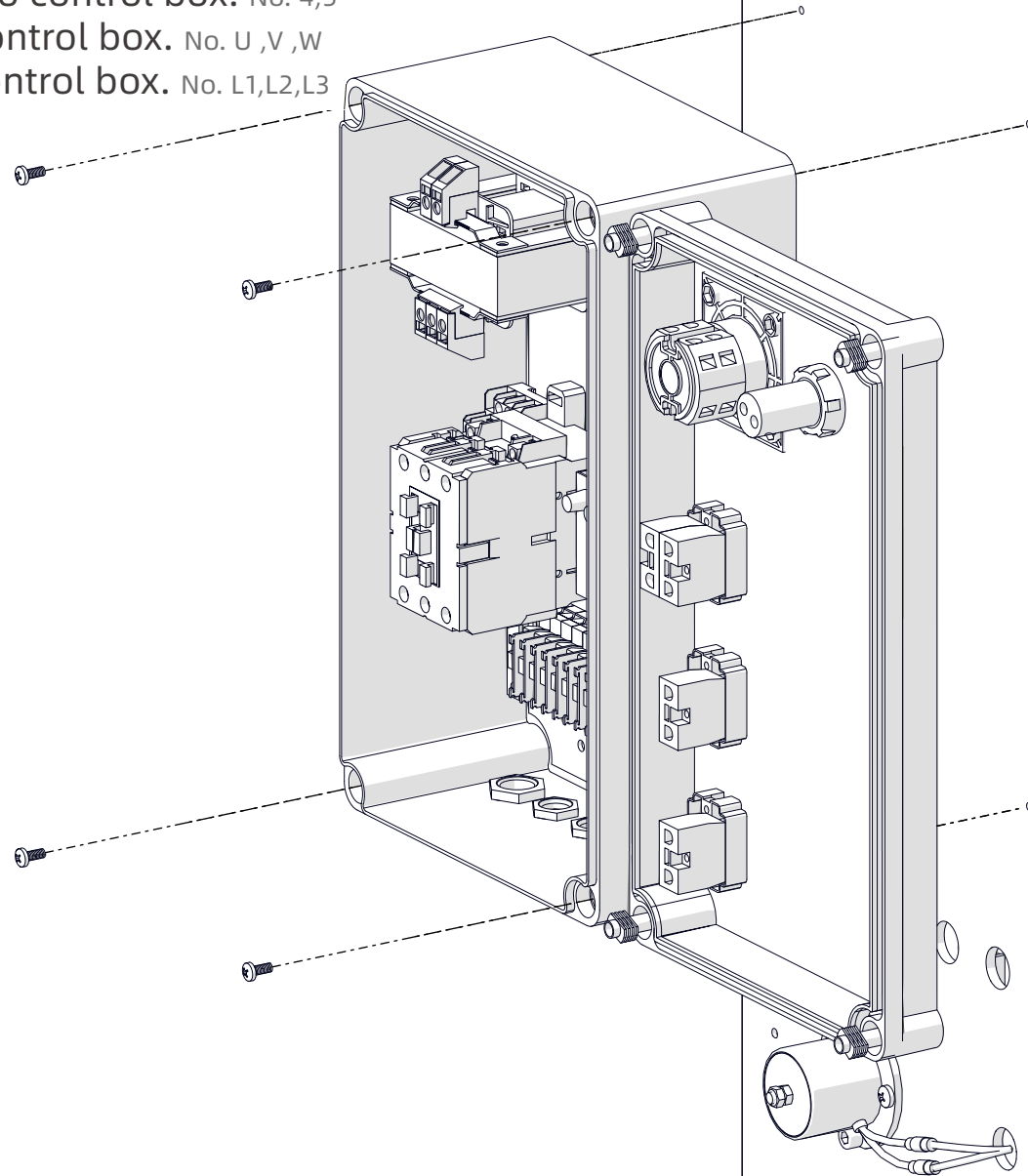
Connect the two wires of unlocking electromagnet into control box. No. 10,10

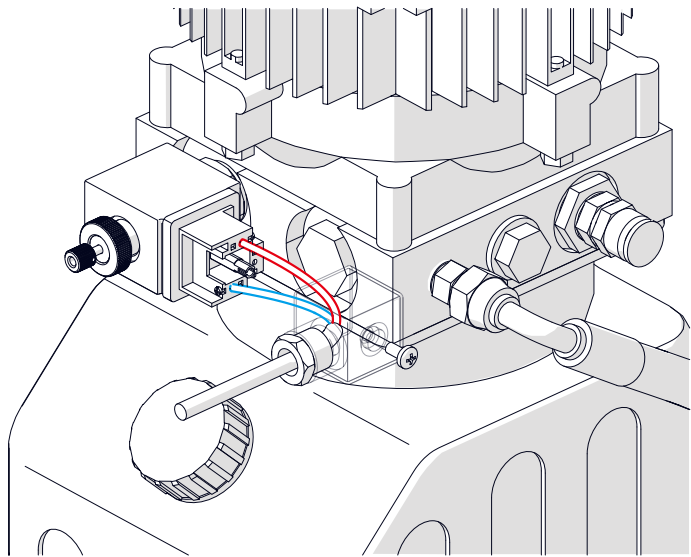
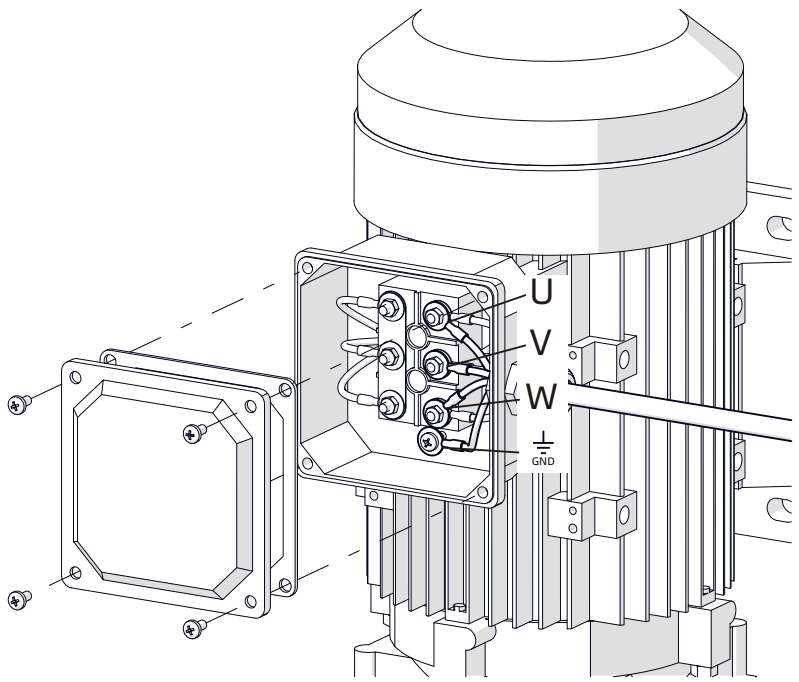
Connect the wires of solenoid valve into control box. No. 11,11

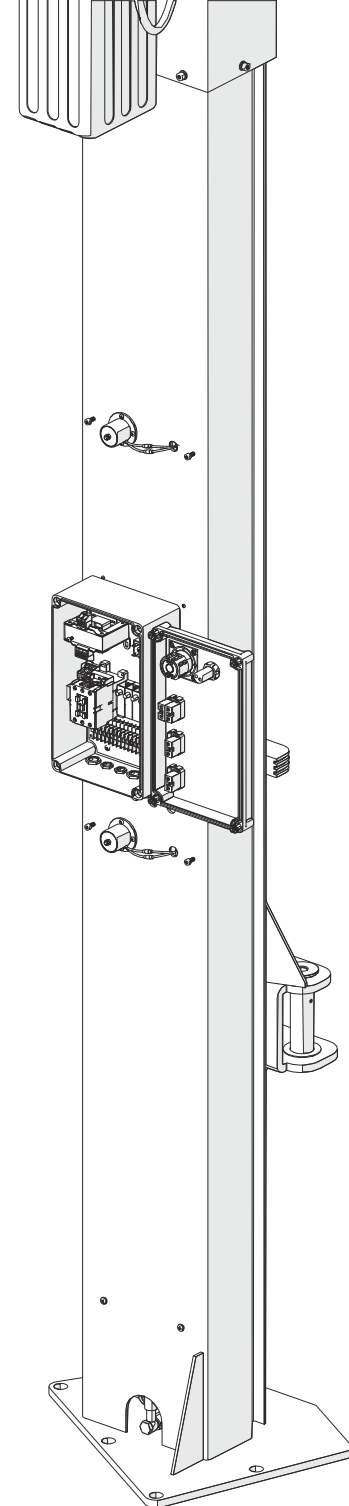
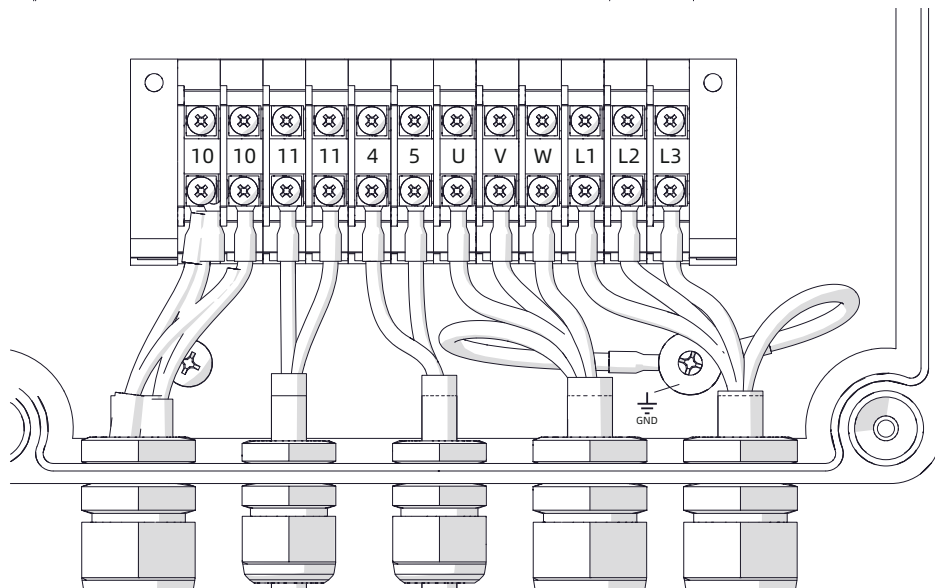
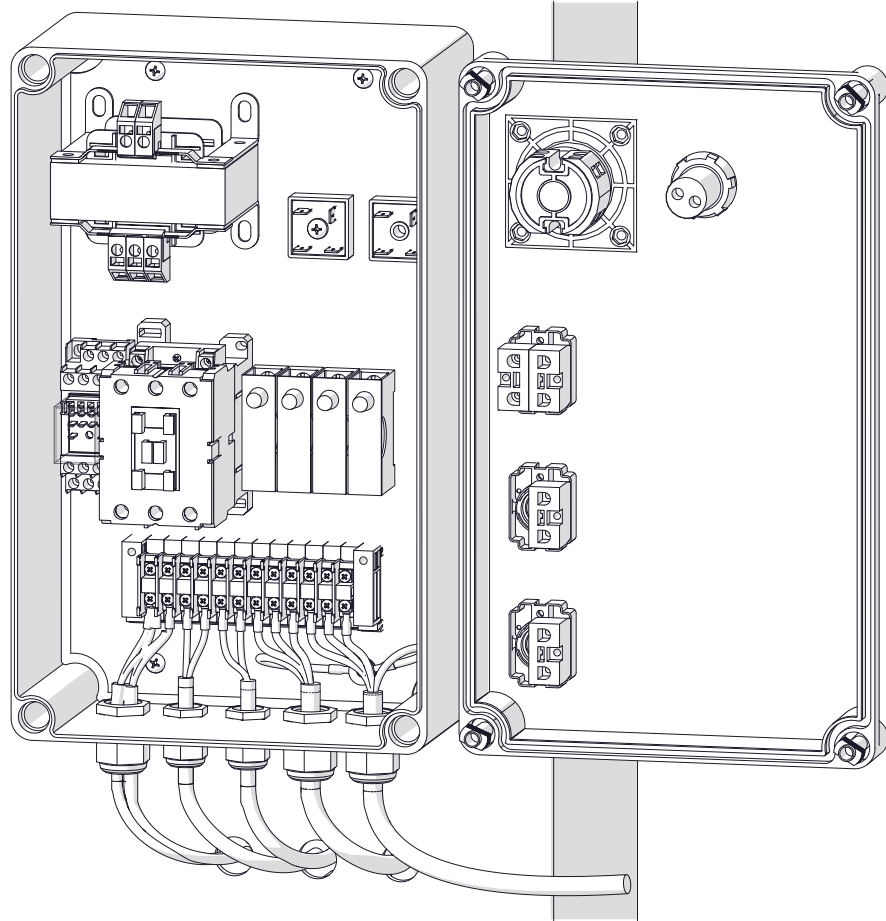
Connect the wires of up limit switch into control box. No. 4,5

Connect the wires of power unit into control box. No. U ,V ,W

Connect the wires of power line into control box. No. L1,L2,L3

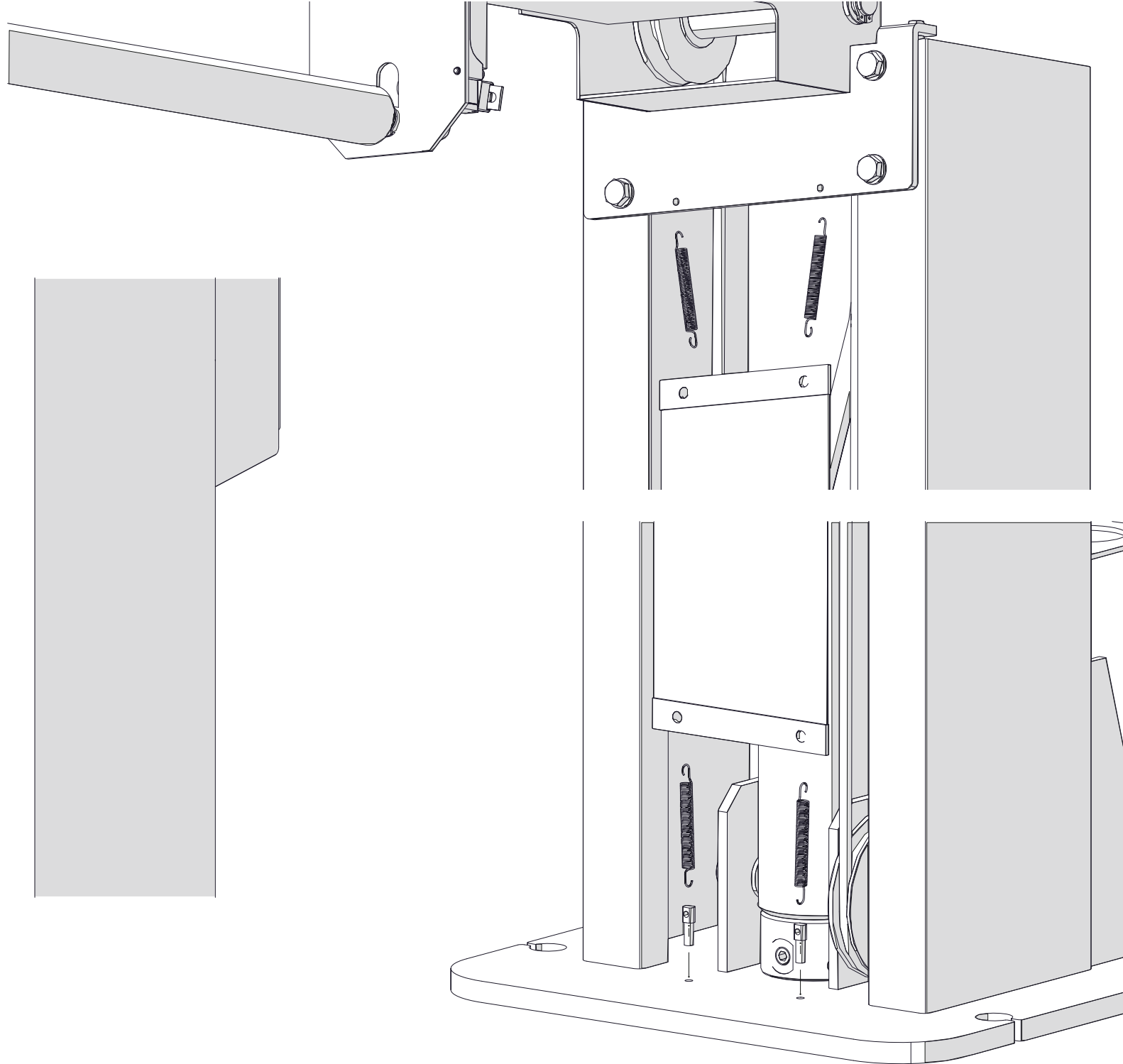
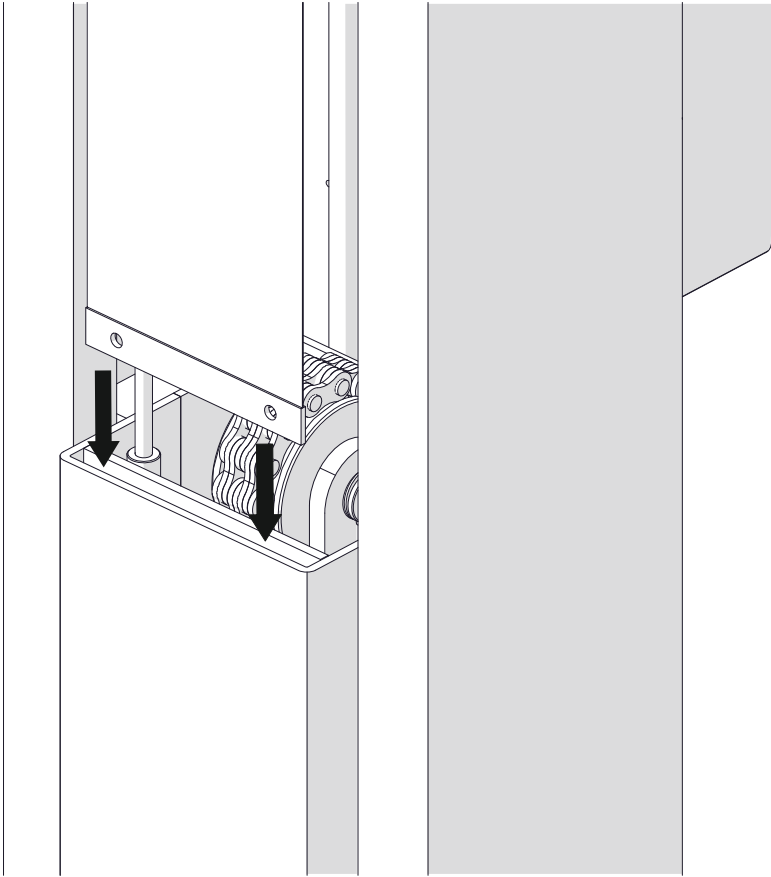






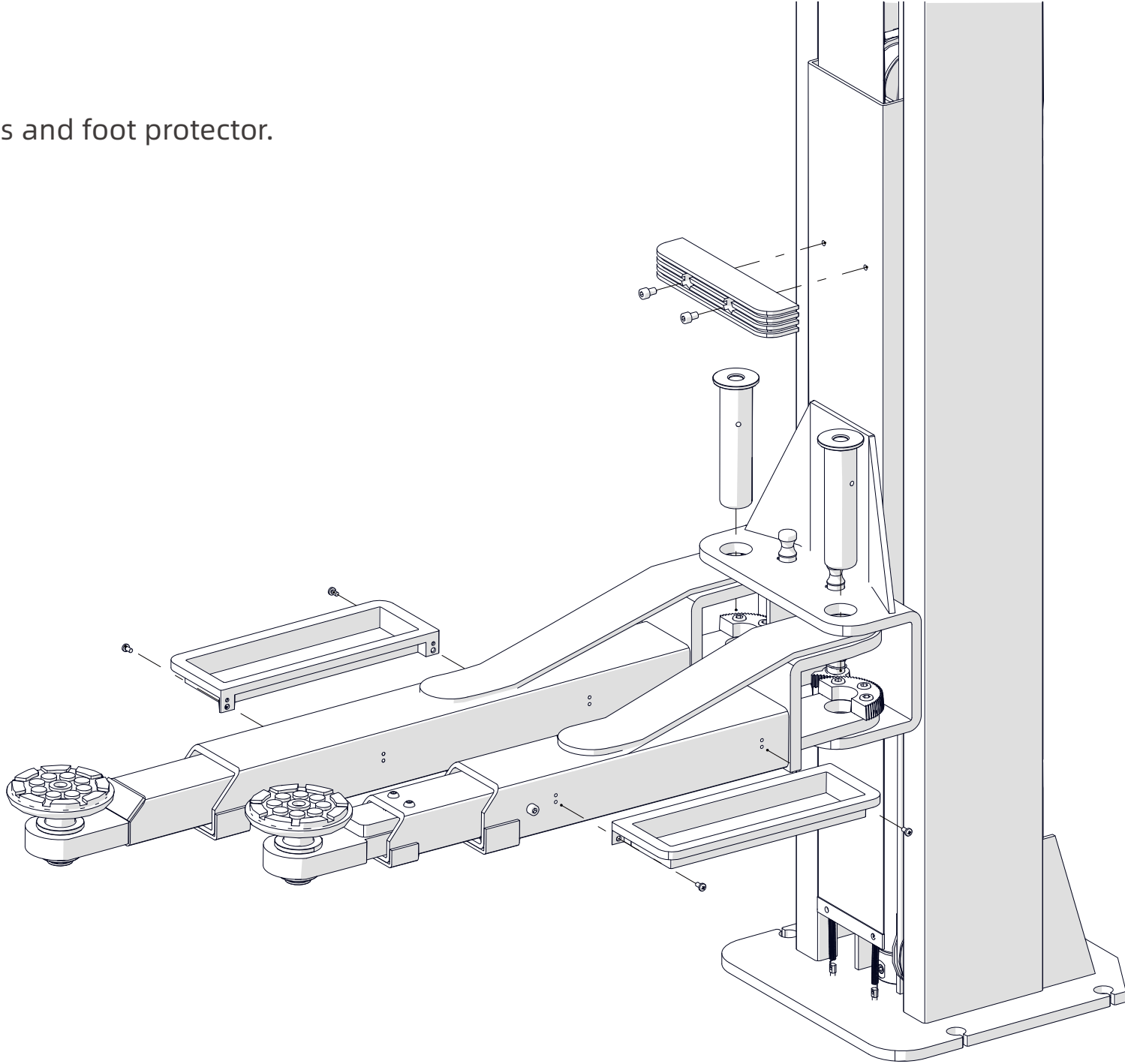
Step 15

To install columns curtain.



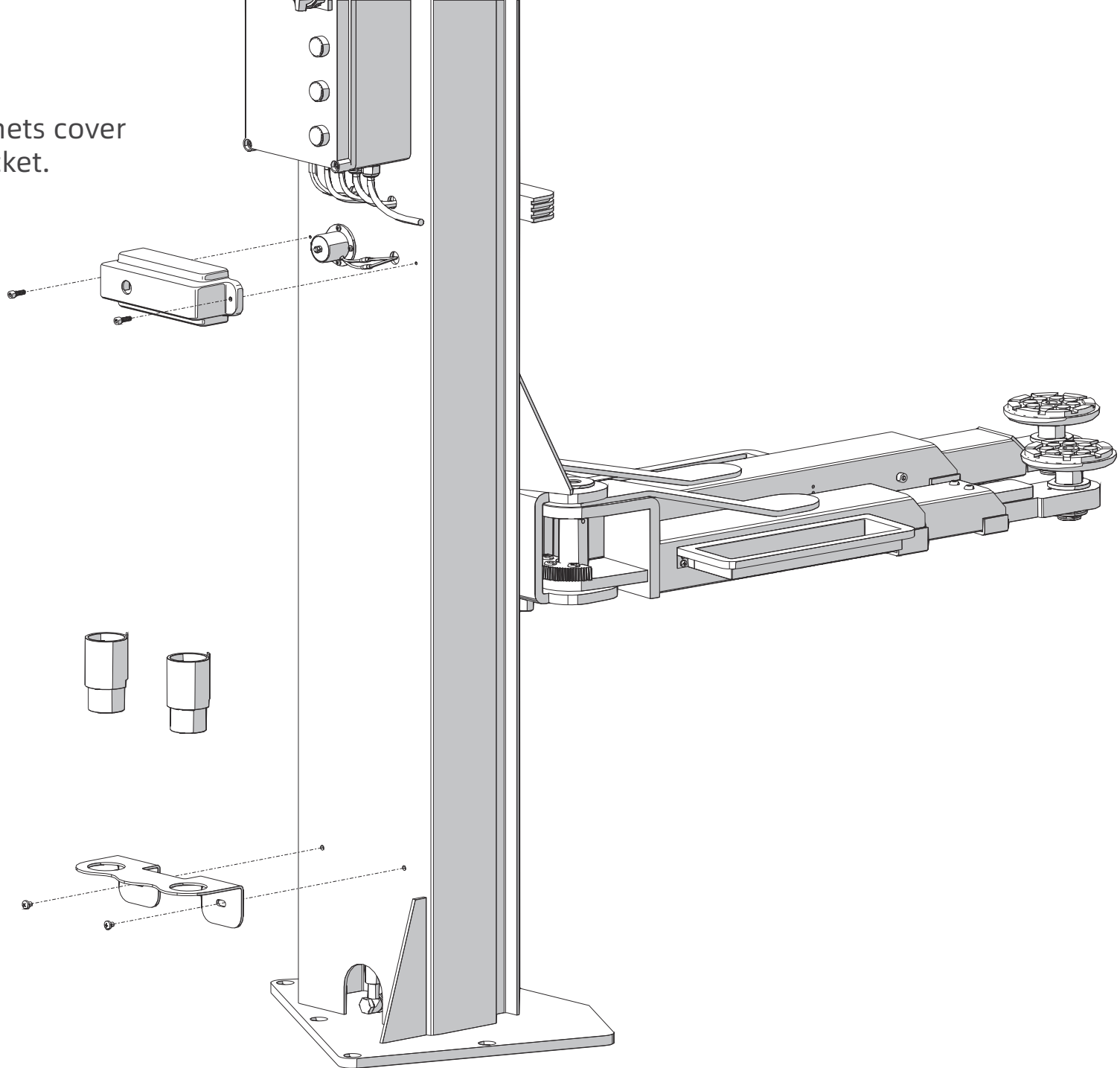
Step 16

To install arms and foot protector.



Step 17

To install electromagnets cover and SUV adapter bracket.



WOLF TOOLS