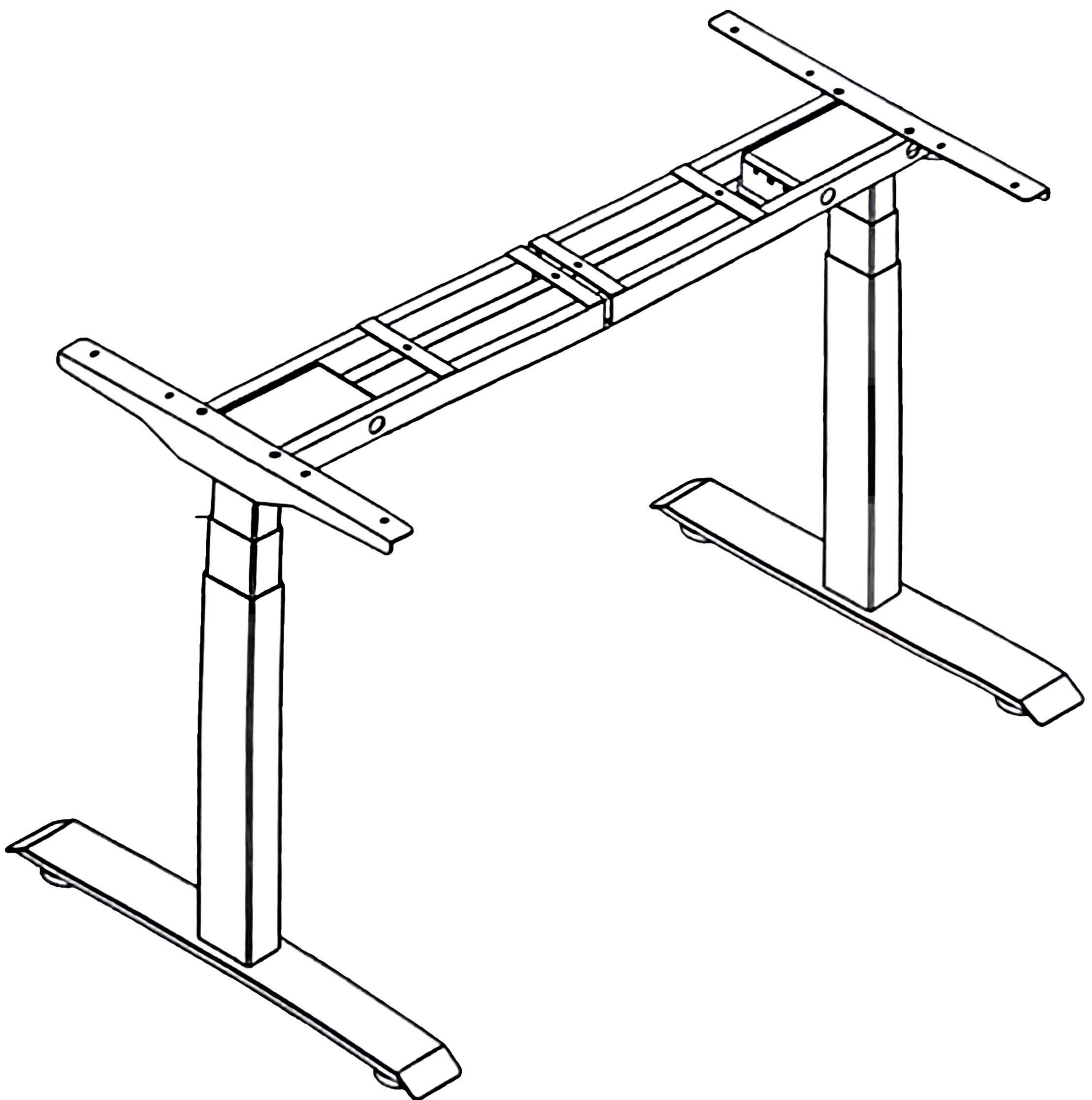
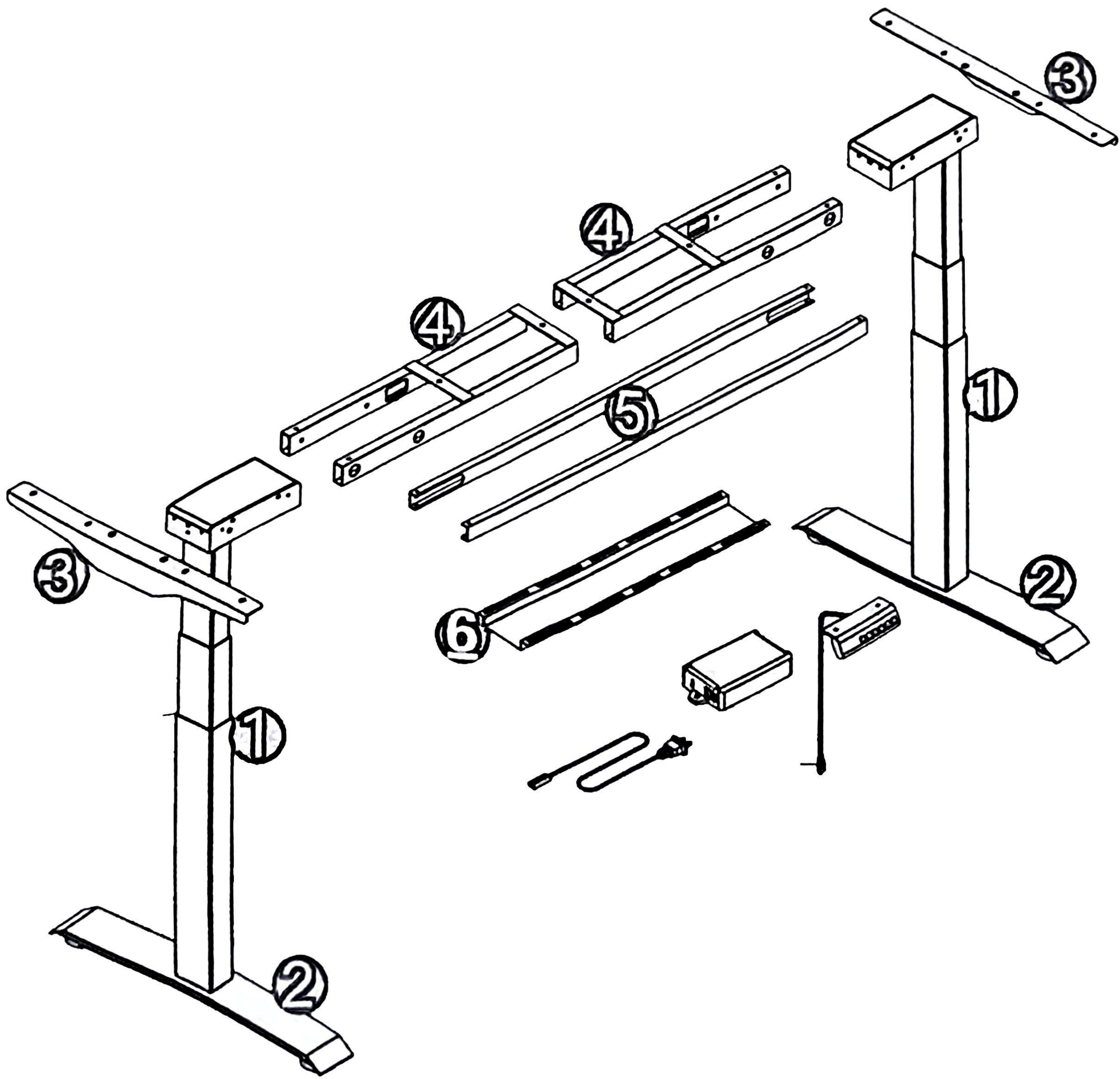
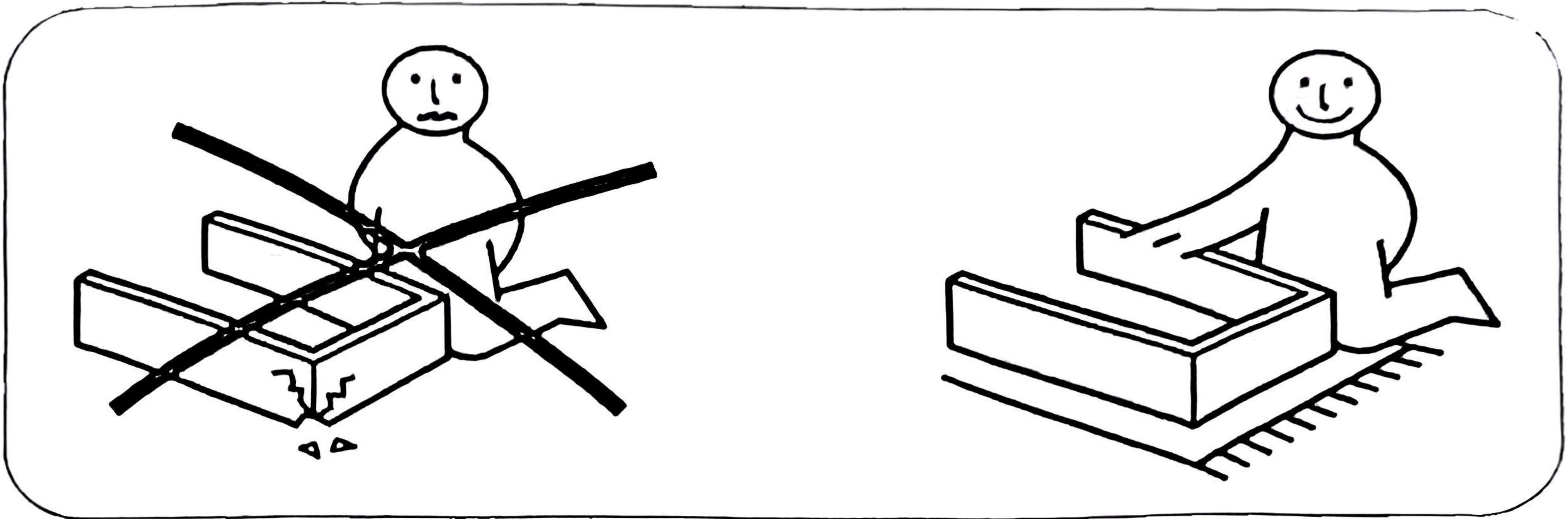


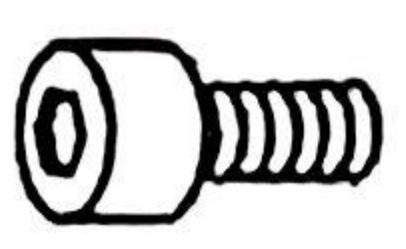
Installation Instructions





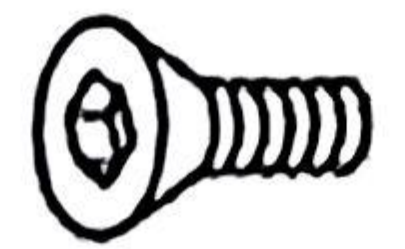


M6x12mm



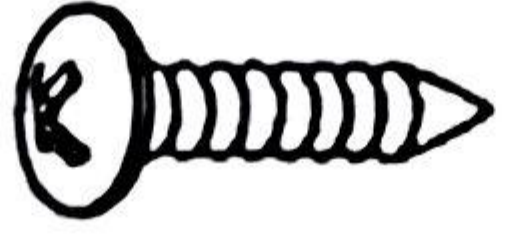
A x **28**

M6x10mm



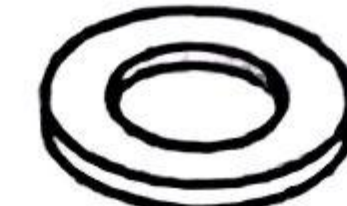
B x **4**

M4x16mm



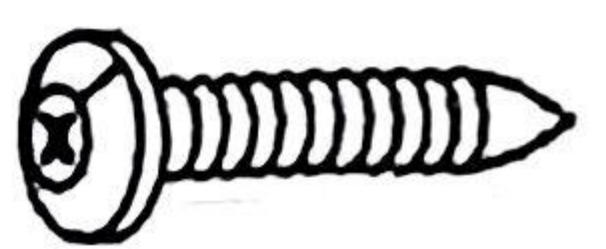
C x **2**

Φ24xΦ12



D x **12**

M5x18mm



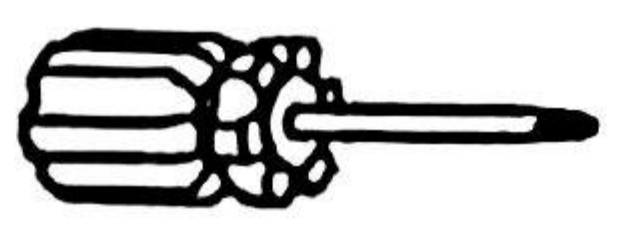
E x **12**

M4



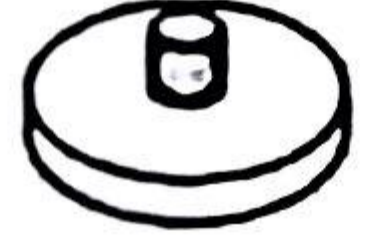
F x **1**

5x54mm

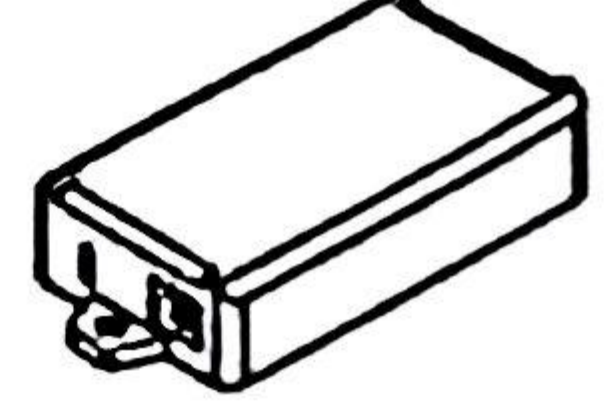


G x **1**

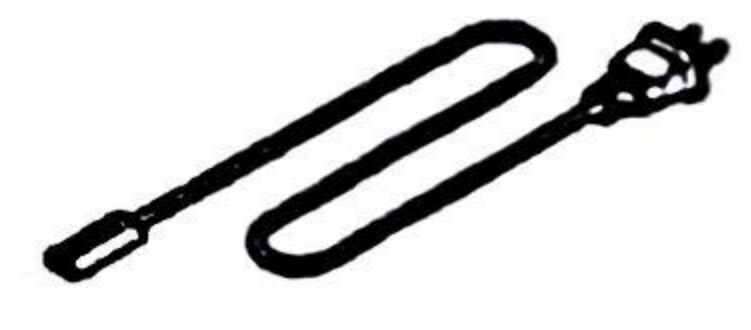
M8x9mm



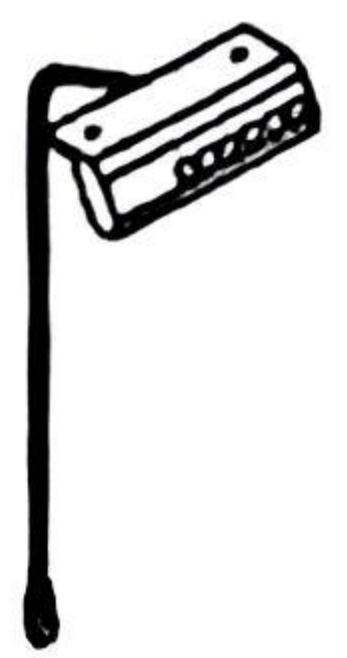
H x **4**



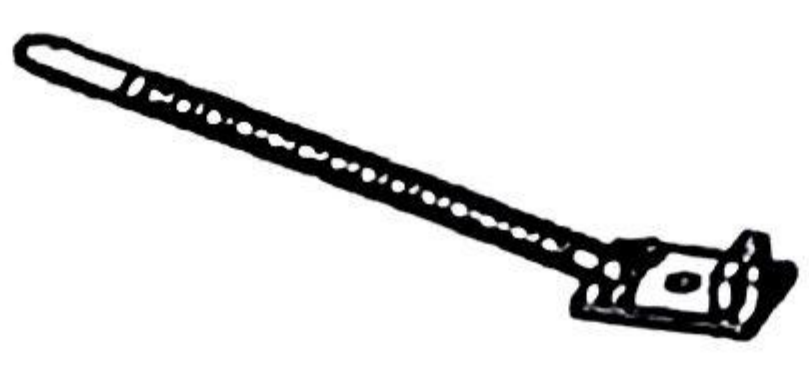
I x **1**



J x **1**

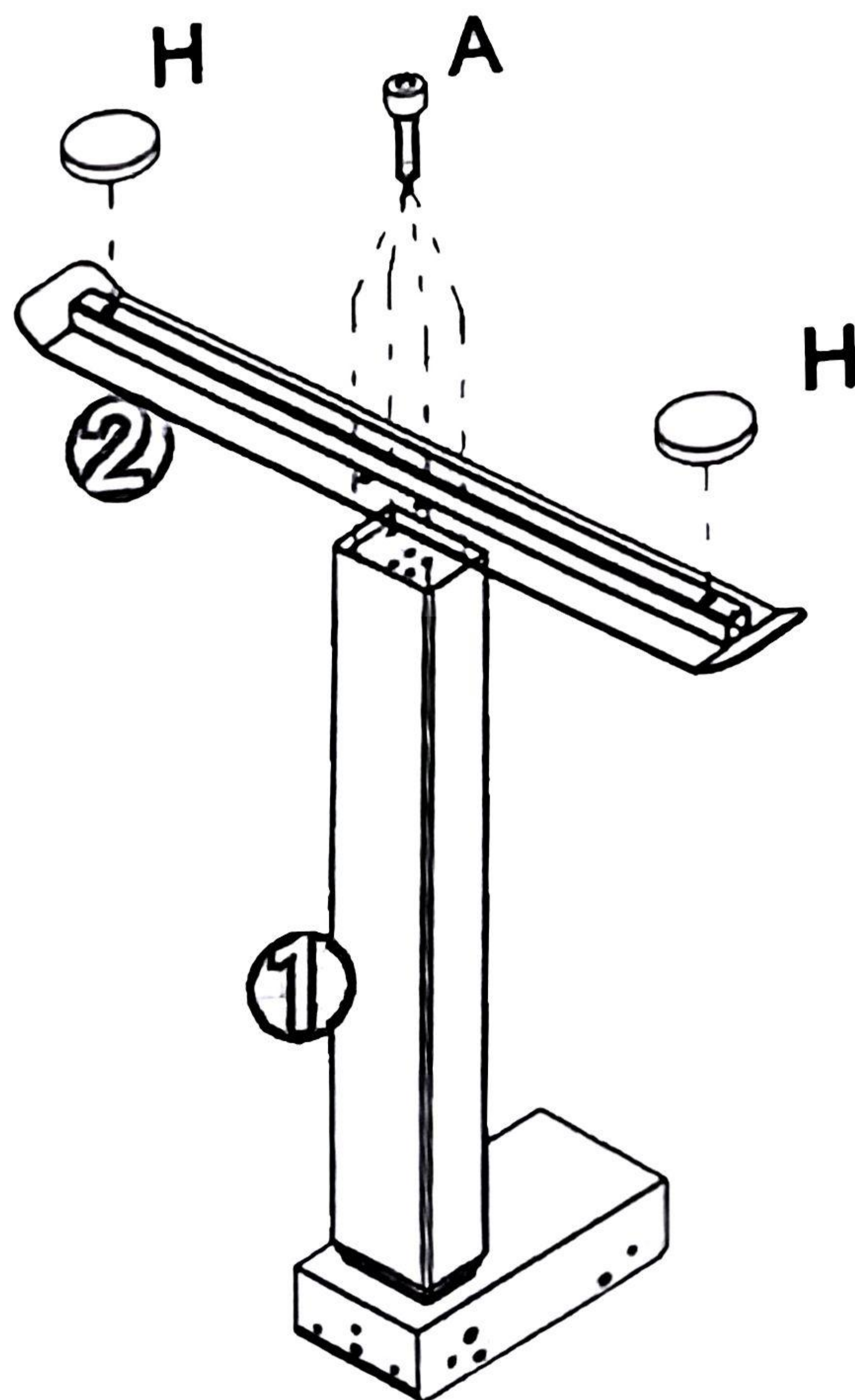


K x **1**

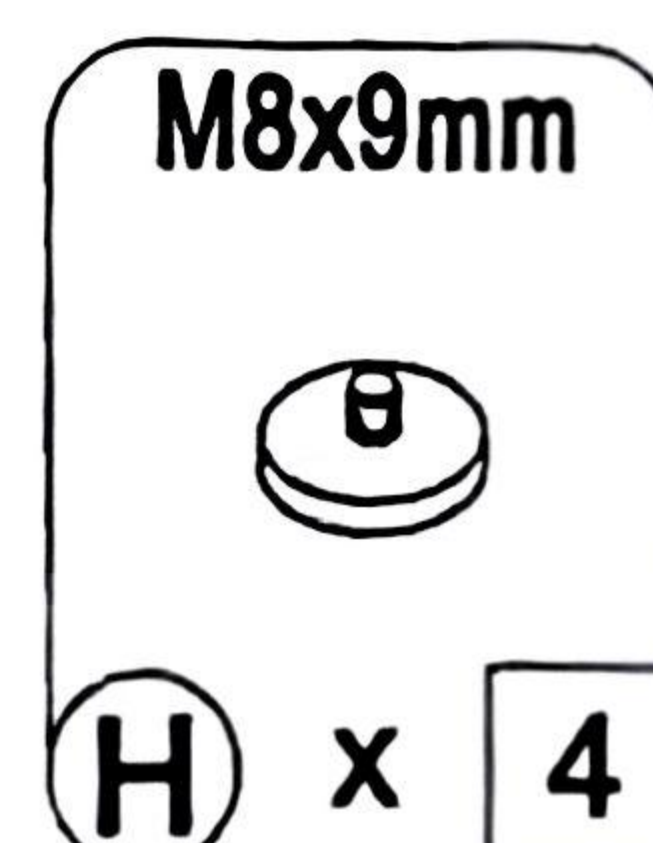
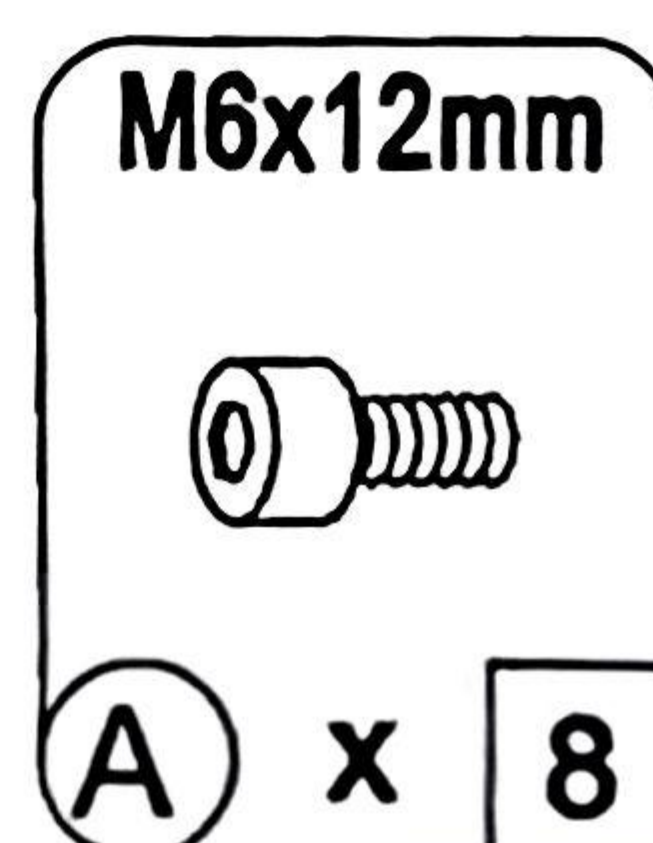


L x **2**

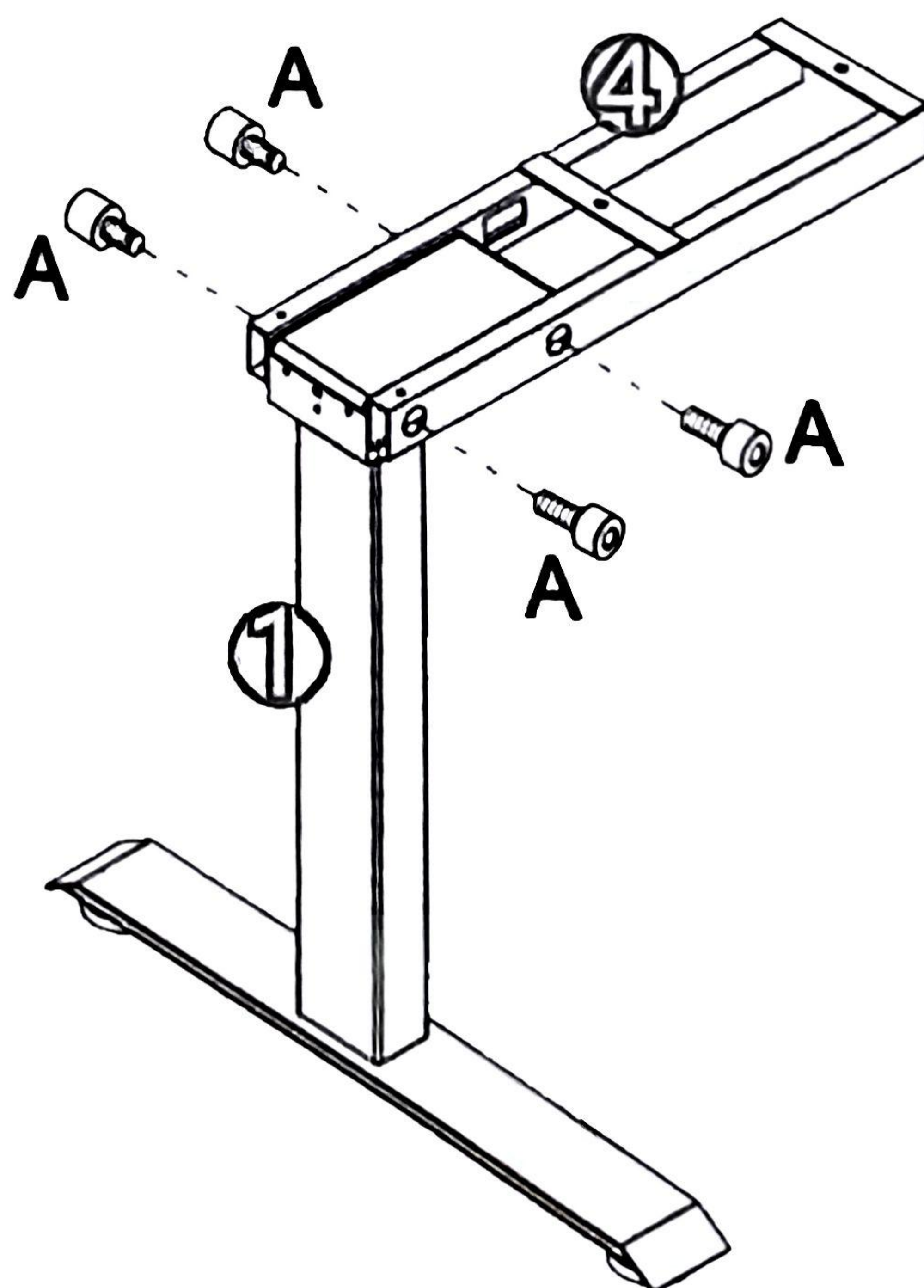
1 ▷



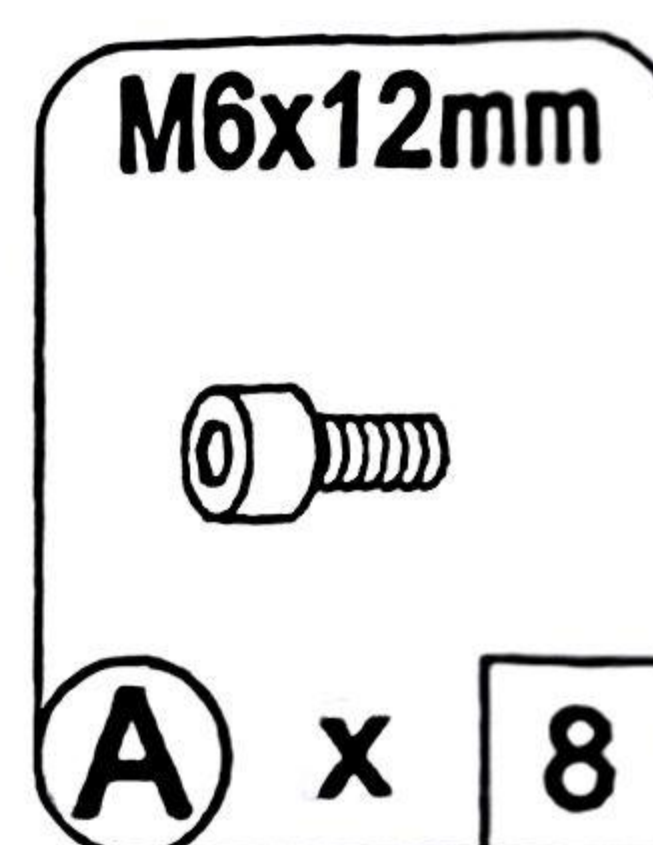
X2



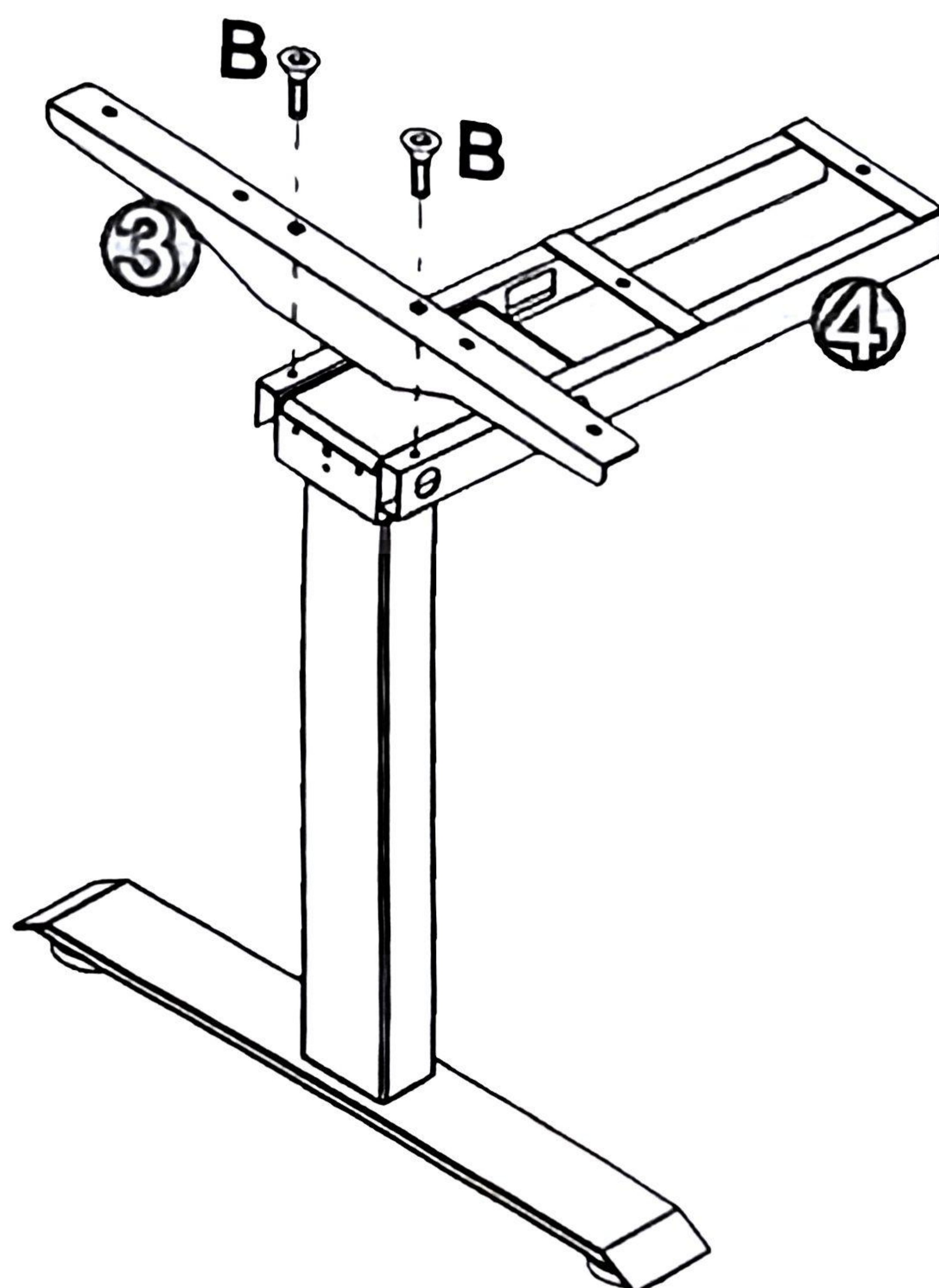
2 ▷



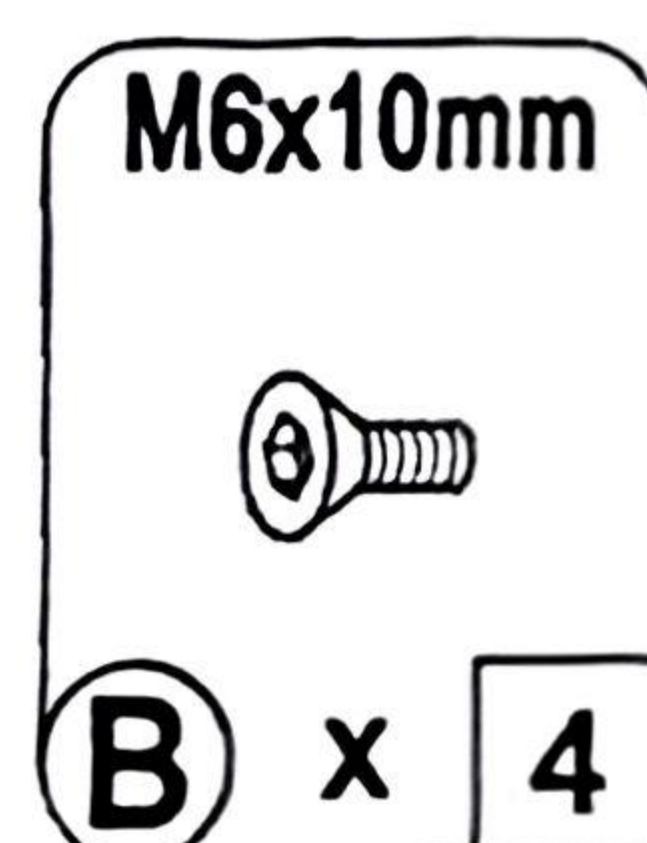
X2



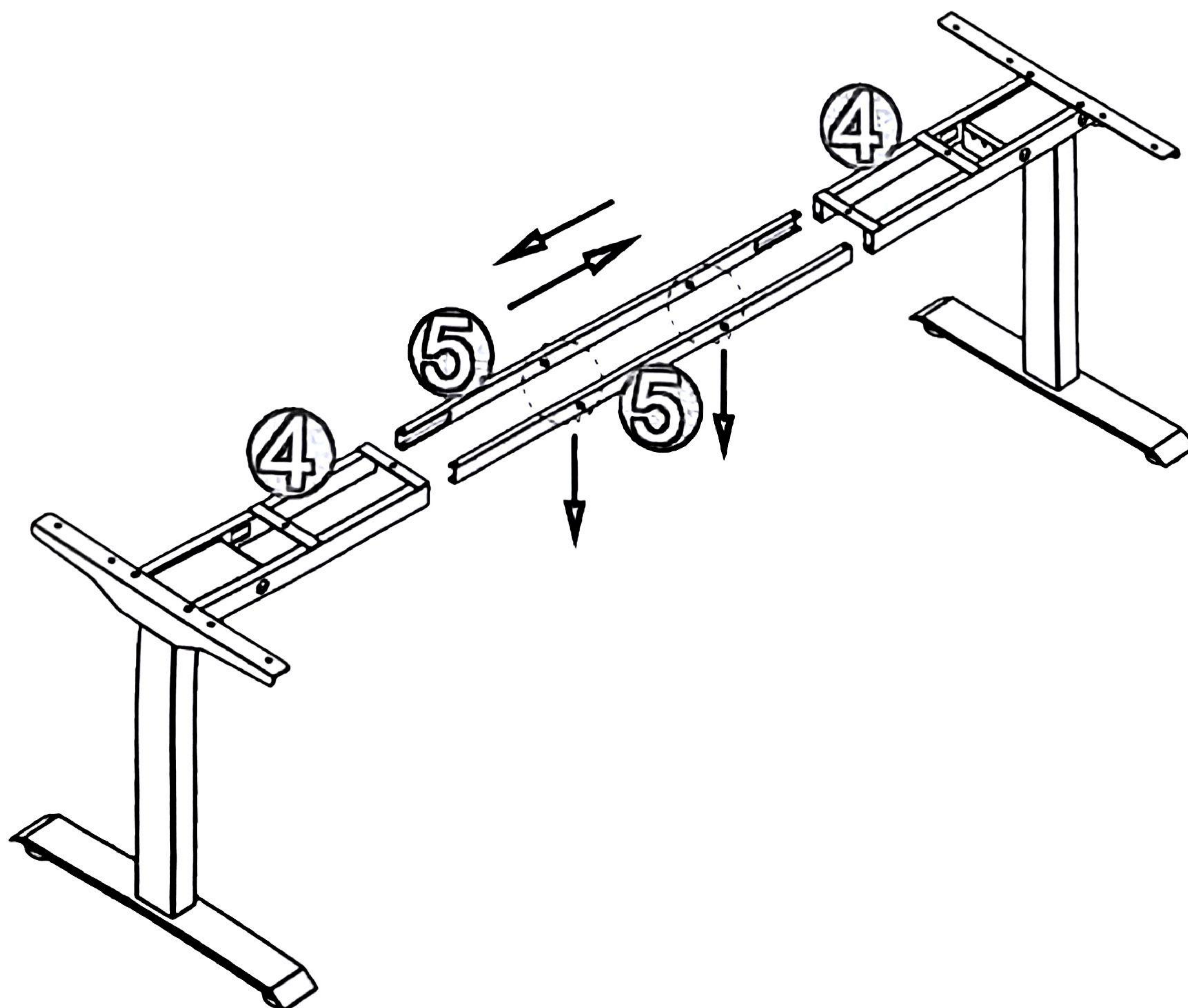
3 ▷



X2

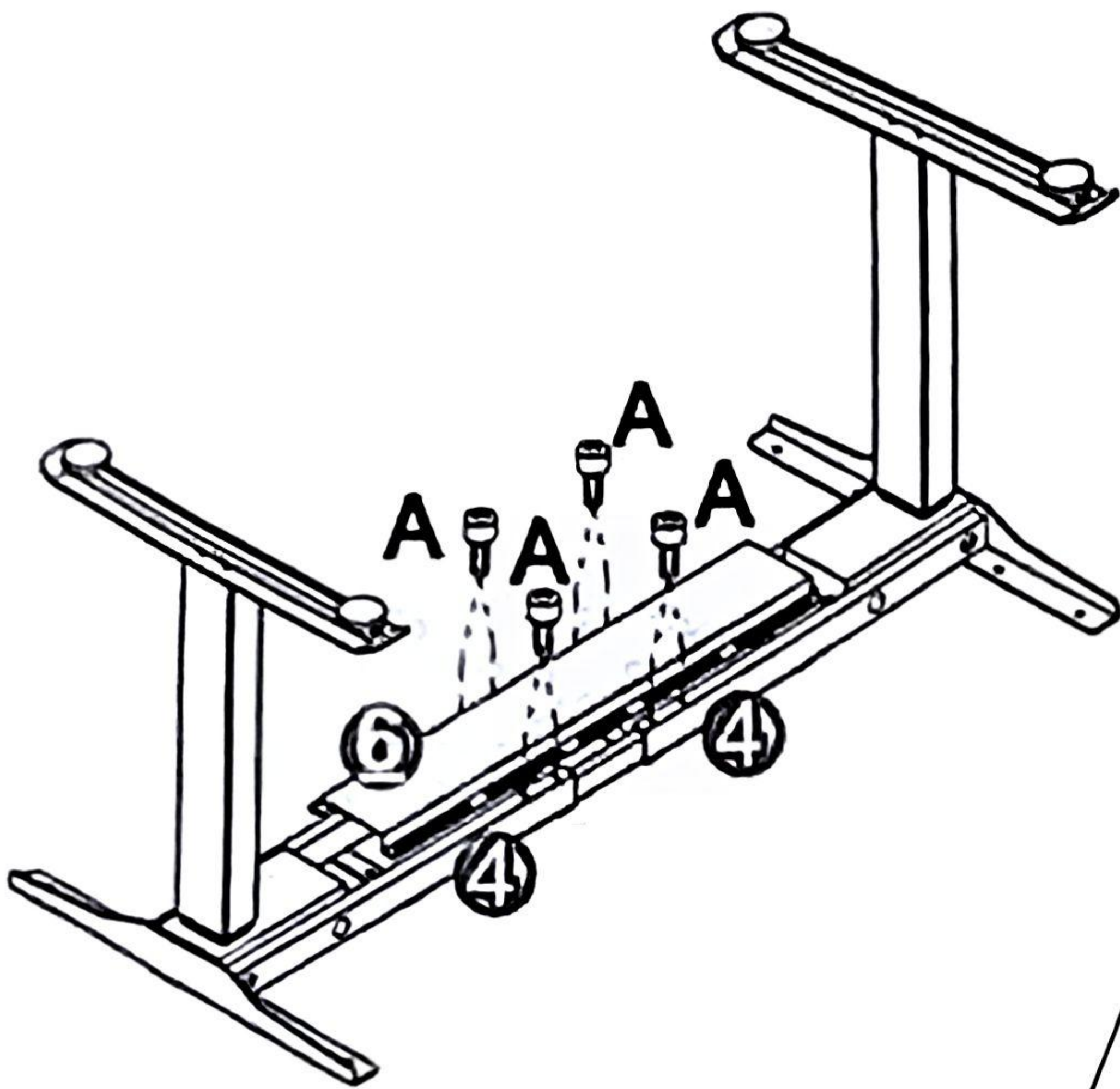


4 ▷



5

6# is placed within the stretching range of 4#
Install Here

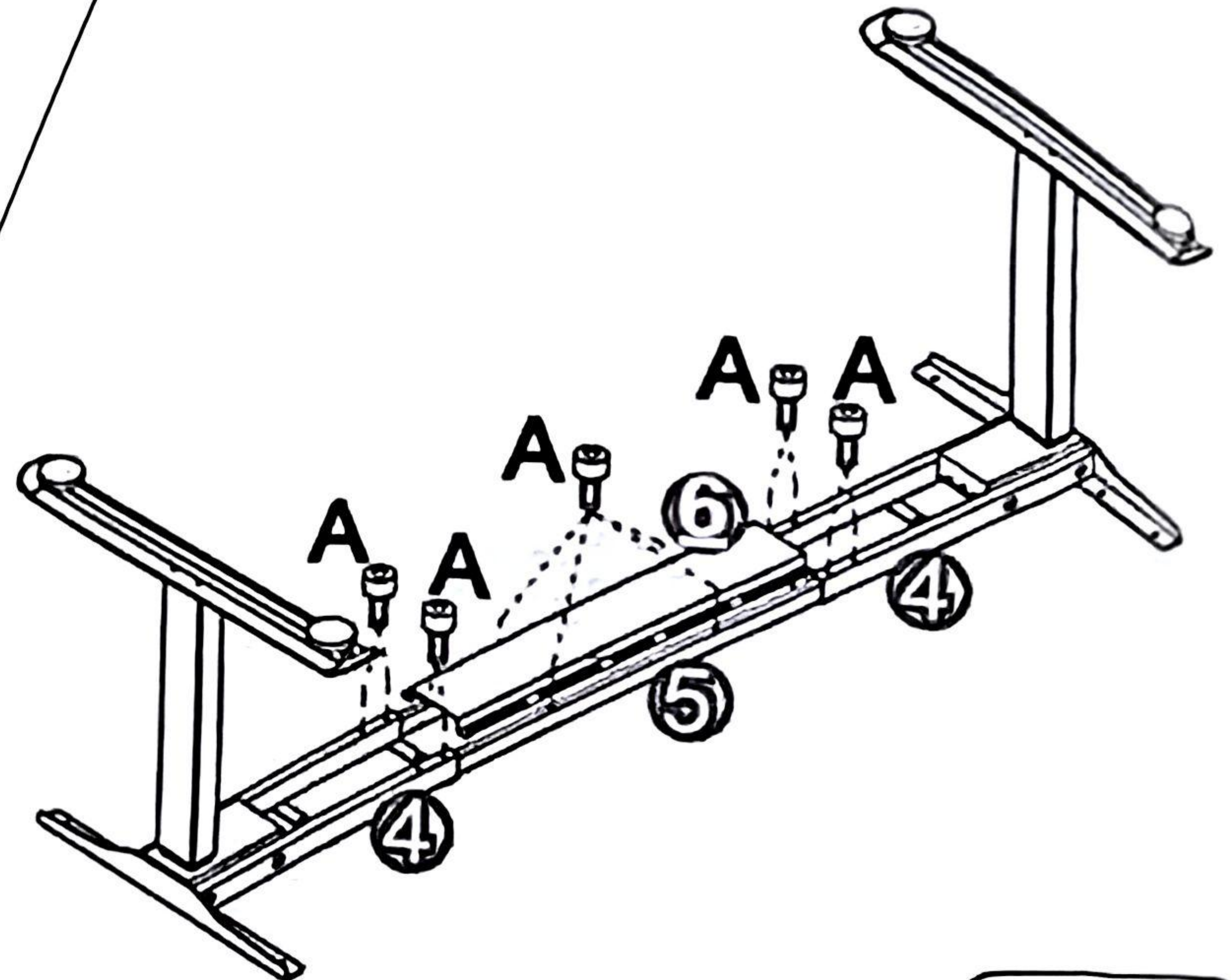


M6x12mm



A x 8

When 6# is outside the stretching range of 4#
Install Here

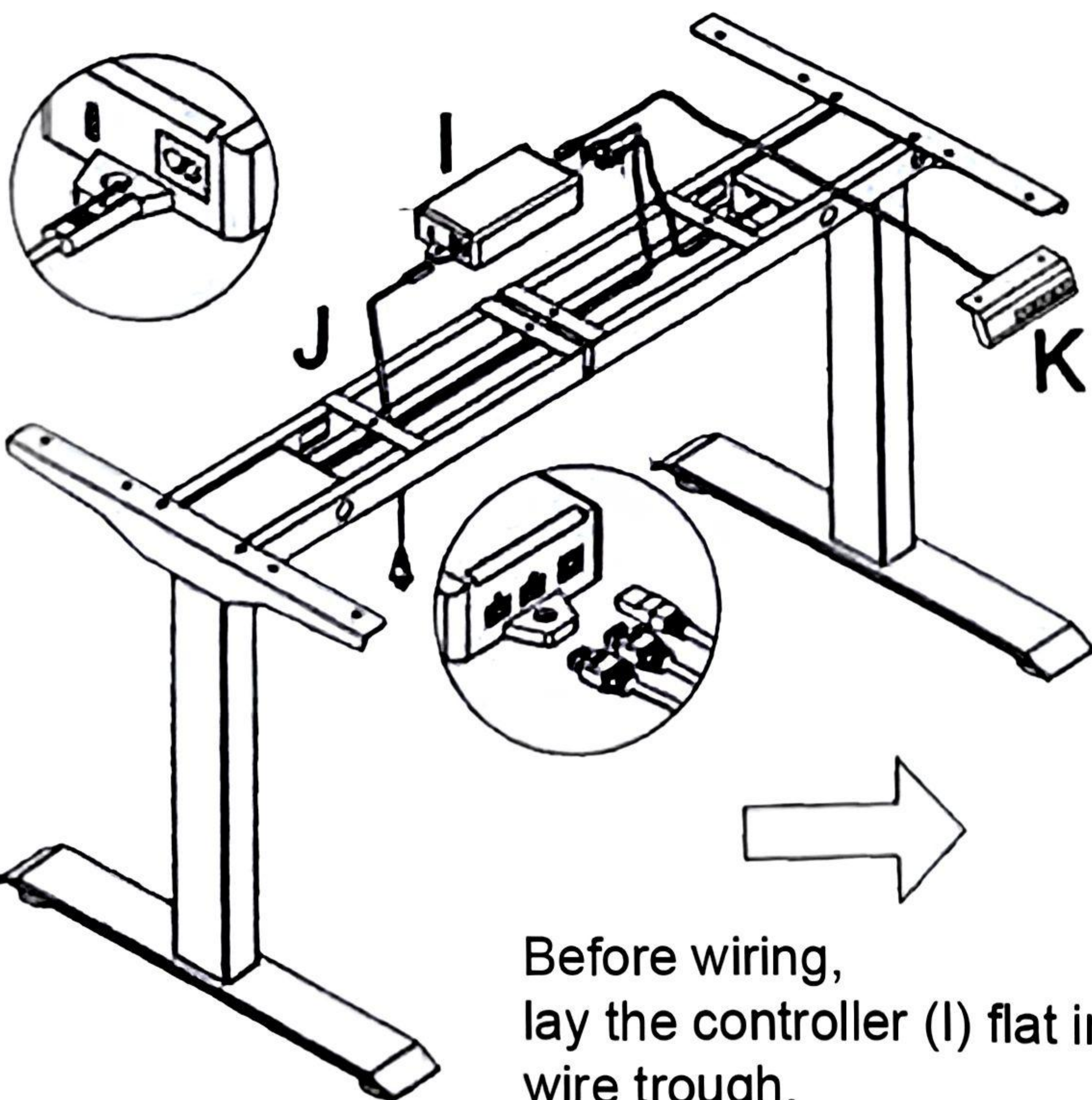


M6x12mm



A x 12

6

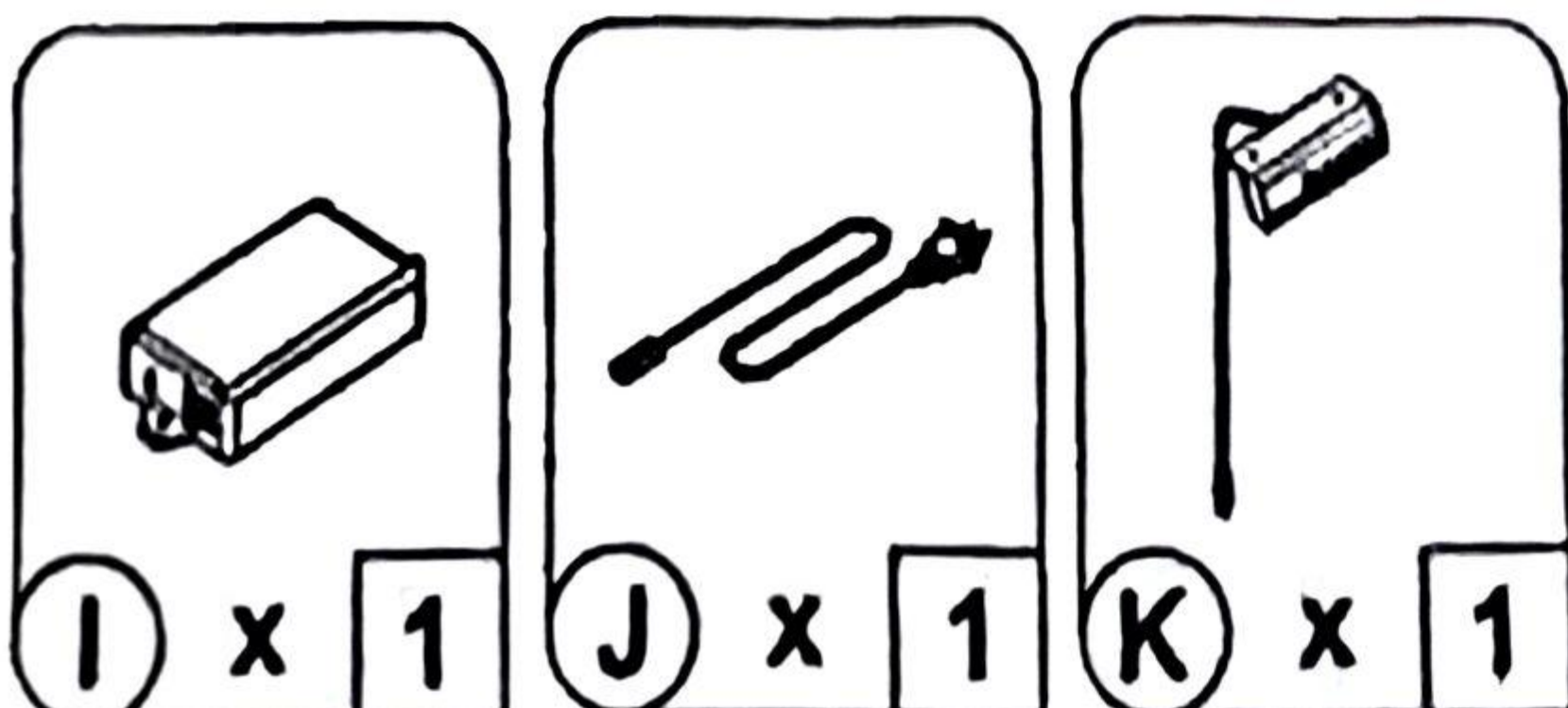
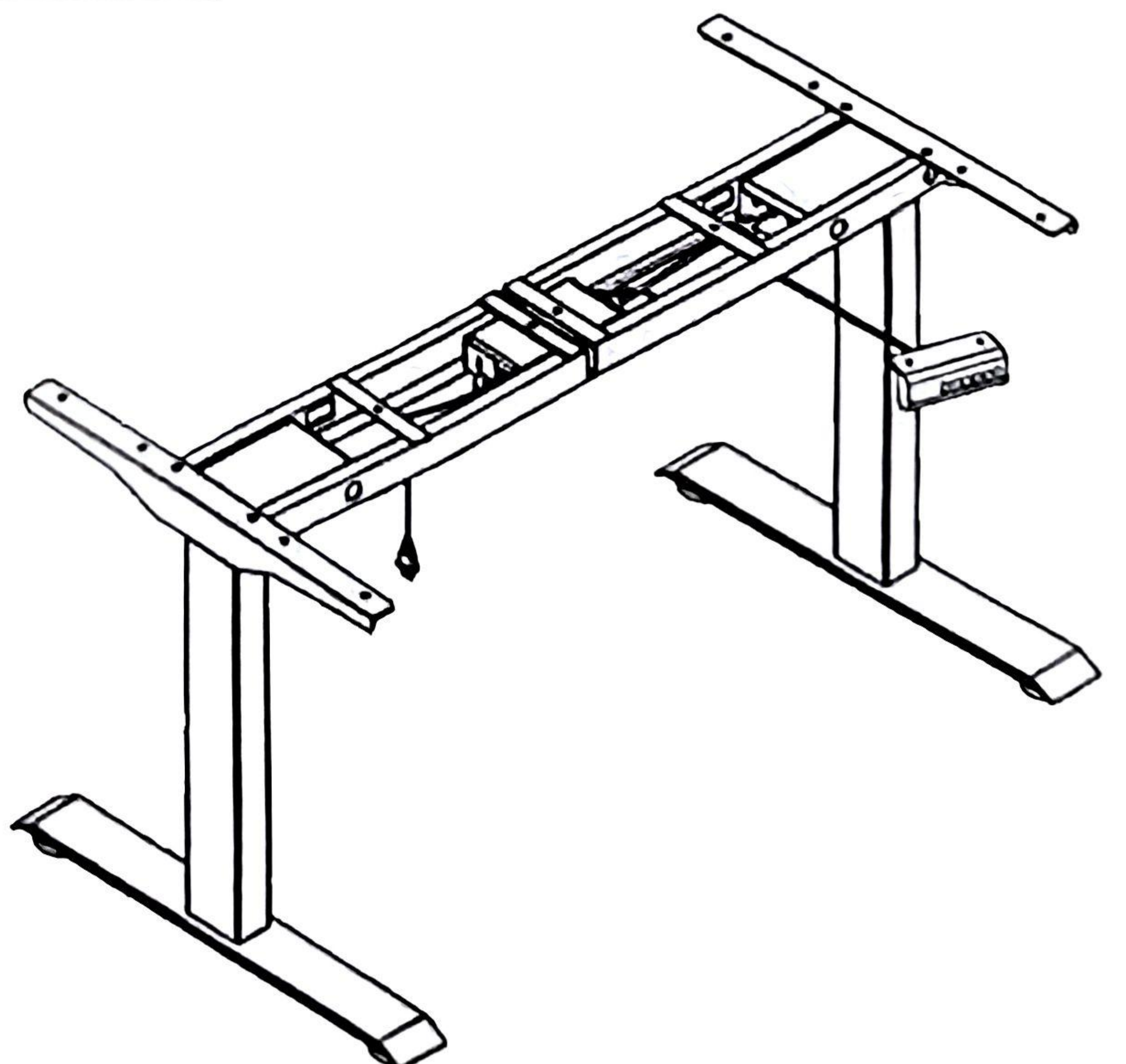


Before wiring,
lay the controller (I) flat in the
wire trough.



Caution: Risk
of Electric
Shock

Warning: Before installing the AC power cord (including reinstallation), always inspect the power cord for any damage. If the power cord is damaged, do not use it to avoid electric leakage or electric shock hazards. Immediately contact a qualified professional for assistance.



I x 1

J x 1

K x 1

Dual Motor Hand Controller Instructions

1. First Power Connection for the Product:

After connecting the hand controller to the power supply, the buzzer will emit a "beep" sound, and the hand controller will display the current height. If the height value shown on the hand controller does not match the actual height of the lifting leg, a reset operation must be performed. Otherwise, the system can be used directly with the preset settings.

2. Reset Operation:

Press and hold the "▽" key until the lifting leg stops moving, then wait for 5 seconds. The hand controller will display "rst", indicating the reset has started. Do not release the "▽" key at this point. The lifting leg will descend slowly to its lowest position. Once all lifting legs have reached the lowest point and rebounded by 5mm, release the "▽" key. The reset operation is now complete.

If an unexpected situation occurs during the reset process, release the "▽" key immediately to stop the lifting leg movement and terminate the reset. After termination, the reset operation must be restarted and completed successfully before any other operations can be performed.

3. Upward Operation:

Press and hold the "△" button on the hand controller to raise the lifting table. Release the button to stop the movement.

4. Downward Operation:

Press and hold the "▽" button on the hand controller to lower the lifting table. Release the button to stop the movement.

5. Memory Position Operation:

When the lifting leg is stationary, press the "S" button first. The hand controller will display "S-". Then press any one of the buttons "1", "2", or "3". The current height position of the lifting leg will be saved to the corresponding button. The hand controller can store up to 3 height positions, which can be overwritten and will be retained even after power loss.

After saving the memory positions, press any of the buttons "1", "2", or "3" to automatically move the lifting table to the corresponding stored position. During the movement to a memory position, pressing any button will stop the operation.

6. Child Lock

Press any button to stop operation.

To activate the child lock:

Press and hold both the "△" and "▽" buttons simultaneously for 5 seconds. When the hand controller displays "LOC", the system is locked and no lifting operations can be performed.

To deactivate the child lock:

While the system is locked, press and hold both the "△" and "▽" buttons simultaneously for 5 seconds. When the display changes from "LOC" to the normal numeric display, the system is unlocked.

7. Sensitivity Adjustment

Long press the "S" button for 5 seconds to enter the menu options, with the menu content flashing simultaneously. Short press the "S" button to cycle through menu pages. Short press the "△" or "▽" buttons to modify the menu content.

Long press the "S" button again to trigger a scrolling progress bar. When the progress bar completes, all current menu settings will be saved: Successful save displays "SUS". Failed save displays "FAL".

The system will then exit the menu. Automatic exit occurs after 10 seconds of inactivity.

Menu Option	Display	Remarks
Pathway Code Protection - Upper Current Sensitivity Setting	PC0~PC5	Setting Range: 0~5 0: Off; 1~5: Higher number indicates higher sensitivity
Pathway Code Protection - Lower Break Current Sensitivity Setting	DC0~DC5	Setting Range: 0~5 0: Off; 1~5: Higher number indicates higher sensitivity
Tilt Sensor Sensitivity Setting	SS0~SS5	Setting Range: 0~5 0: Off; 1~5: Higher number indicates higher sensitivity

8. Energy Saving Mode:

If no button is pressed for 1 minute, the system enters energy-saving mode. The hand controller display turns off, and the controller switches to low power consumption. Press any button to exit energy-saving mode.

Fault Code Table:

Fault Description	Code	Handling Method
Self-test failure - Standby current abnormal	SC0	Restart power. If the alarm persists, replace the drive board.
Self-test failure - Main power abnormal	SC1	Restart power. If the alarm persists, replace the power board.
Self-test failure - Memory abnormal	SC2	Restart power. If the alarm persists, replace the drive board.
Self-test failure - Sensor abnormal	SC3	Restart power. If the alarm persists, replace the drive board.
Table tilt alarm	R-2	The table tilts alarm. Move 5cm in the opposite direction and stop. The alarm will auto-resume and display the actual table height.
Synchronization failure	R-3	Perform a reset operation to clear the fault code.
Overheat protection	H0T	The system automatically enters protection mode due to overheating. The alarm will auto-resume after 18 minutes.
Voltage abnormal	R-6	Auto-resume. If the fault occurs frequently, replace the main power supply.
Reset not completed	RST	Continue the reset operation.
Drive circuit short circuit	EX0	Restart power. If the alarm persists, replace the drive board.
Overload	EX1	Reduce the load. The alarm will automatically cancel after 20 seconds.
Motor phase loss	EX2	Check if the motor connection is normal.
Running direction abnormal	EX3	Check if the motor wires and Hall sensor wires are connected correctly.
Collision protection alarm	EX4	Move 5cm in the opposite direction and stop. The alarm will automatically cancel.
Motor connection alarm	EX5	Check if the lifting leg transmission mechanism is stuck.
Motor wires not connected	EX6	Check if the motor wires are connected to the driver.
Mechanical fault	EX7	Check if the lifting leg structure or motor turbine is damaged.

Note: X represents the table leg number (1, 2, 3...).

Important: The table must not exceed a load capacity of 100kg.
The height adjustment system can operate continuously for a maximum of 2 minutes. After this, allow the motor to rest for 18 minutes before reuse.