

# Velocity - Electric

## Assembly Instructions - Single Sided (SSD)

**Tools Required:** Power Drill



# Velocity - Electric SSD

## Assembly Instructions

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# Velocity - Electric SSD

## Assembly Instructions

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### IMPORTANT!

Please carefully read the assembly manual and direction for use prior to installment, use and maintenance of the table frame to gain a complete understanding of its contents. It provides you with important information about the safety, use, installation and maintenance of the table.

**WARNING: FAILURE TO COMPLY WITH OR OBSERVE ALL ASSEMBLY, SAFETY AND OPERATION INSTRUCTIONS REGARDING THE USE OF THIS PRODUCT MAY RESULT IN SERIOUS BODILY INJURY.**

### SAFETY

- The table must be used in a safe manner. Inappropriate use may cause damage to the table and/or cause bodily harm to the user or persons nearby.
- Do not tamper with electrical components as this may lead to serious bodily harm.
- Only connect the electric table frames to the prescribed mains power voltage.
- Do not use the table frame to lift people.
- Please retain this operation manual and pass it on to any future owner.

### USAGE

- The height-adjustable table is designed for use in dry work environments only.
- The table height is infinitely adjustable within its height range so that it can be set to the user's most ergonomic working height. The user should seek professional help to establish their optimum working height.
- The table has been designed as a device to elevate the users work surface and associated office peripherals. Do not use the table frame for any other purposes than that which it has been designed for. Any other use is at user's own risk!
- Do not crawl, lie or move around under the table frame, and do not sit or stand on the table frame.
- CHILDREN should only use the table when supervised by adults.
- Liability: The manufacturer accepts under no circumstances warranty claims or liability claims for damages arising from improper use or handling of the table frame other than that described in this operation manual.

### SET UP AND INSTALLATION

Assemble the table frame according to the following pages in this assembly instructions guide.

- Place the table in a safe distance from window frames, radiators, furniture etc. so that persons cannot become trapped.
- Level the table with the adjustable feet ensuring that the table is stable.
- Check that no cables can get jammed.
- Connect the table to the 110 or 230 VAC power outlet.

The table is now ready for use.

### MAINTENANCE

- The table does not require any maintenance by the user
- The table is only to be cleaned with a wrung cloth.
- In the event of the occurrence of jarring sounds during operation, STOP using the table and please contact the dealer.

### TECHNICAL DATA

#### DESK

Height Range: 635-1285mm includes worktop

Speed: 30mm/s

Twin Motor

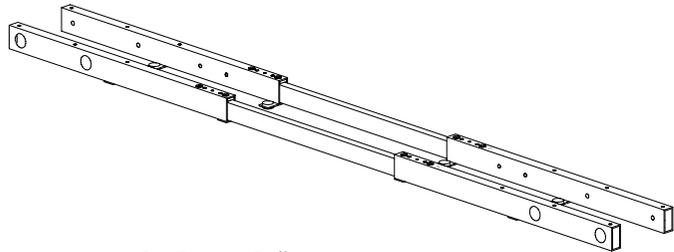
Weight Rating: 120kg

Input Voltage: 100-240V AC 50-60Hz

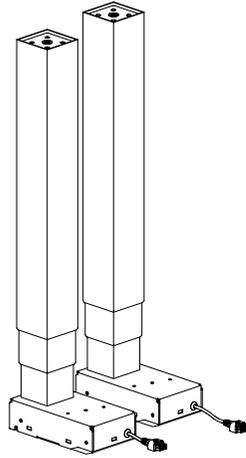
Output Voltage: 24V DC 2.0A

Duty Cycle: 10% 2min on 18min off

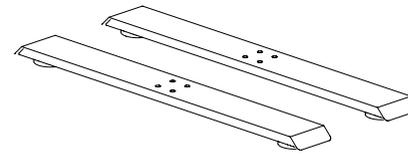
### Parts



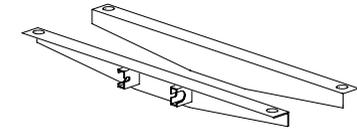
2 x Frame Rails



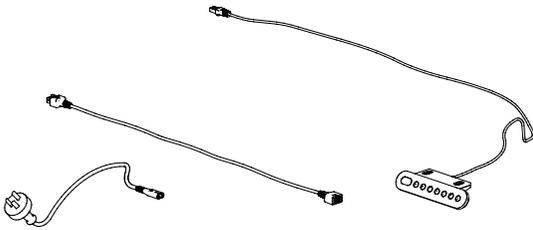
2 x Leg with motor



2 x Foot with Leveling Feet

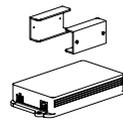


1 x L&R Support Bar (Pair)

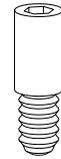


1 x Power Cord

1 x Handset



1 x Power Box with Brackets



4 x M6x12



4 x M6x10  
Socket Head  
Bolt



8 x M8x20



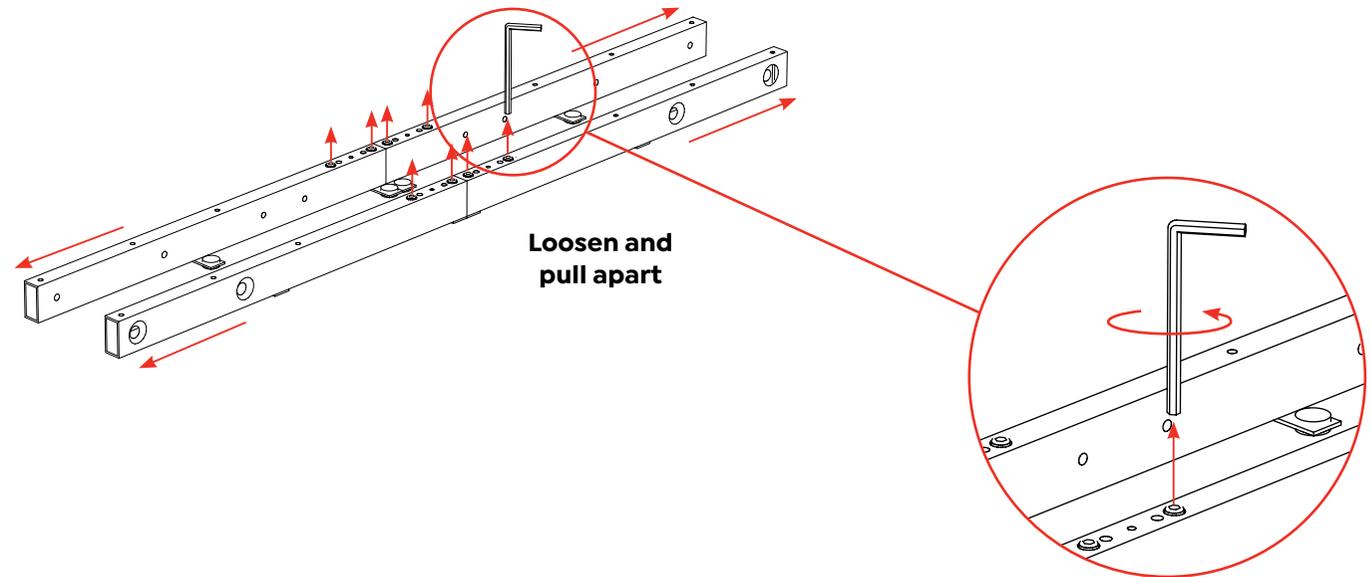
12 x ST5.0x23



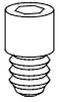
2 x ST4.2x16

### Step 1

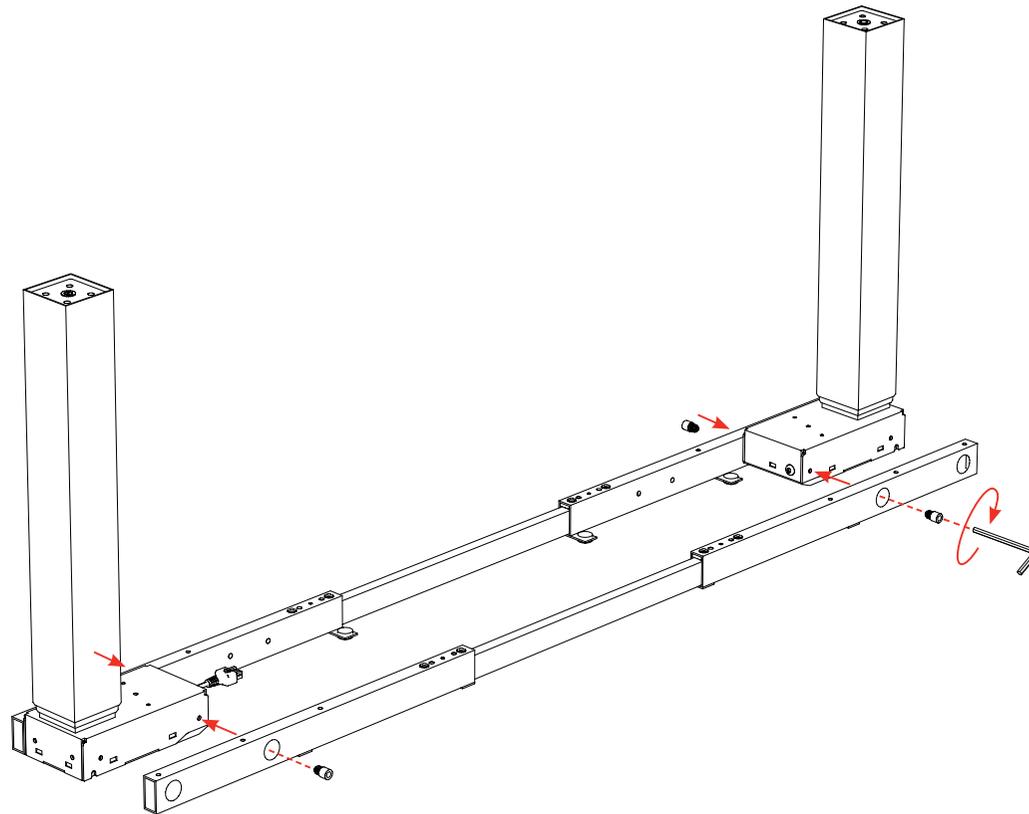
**Don't plug in the desk until handset, power box & controller are mounted on to the desk top. It might cause errors.**



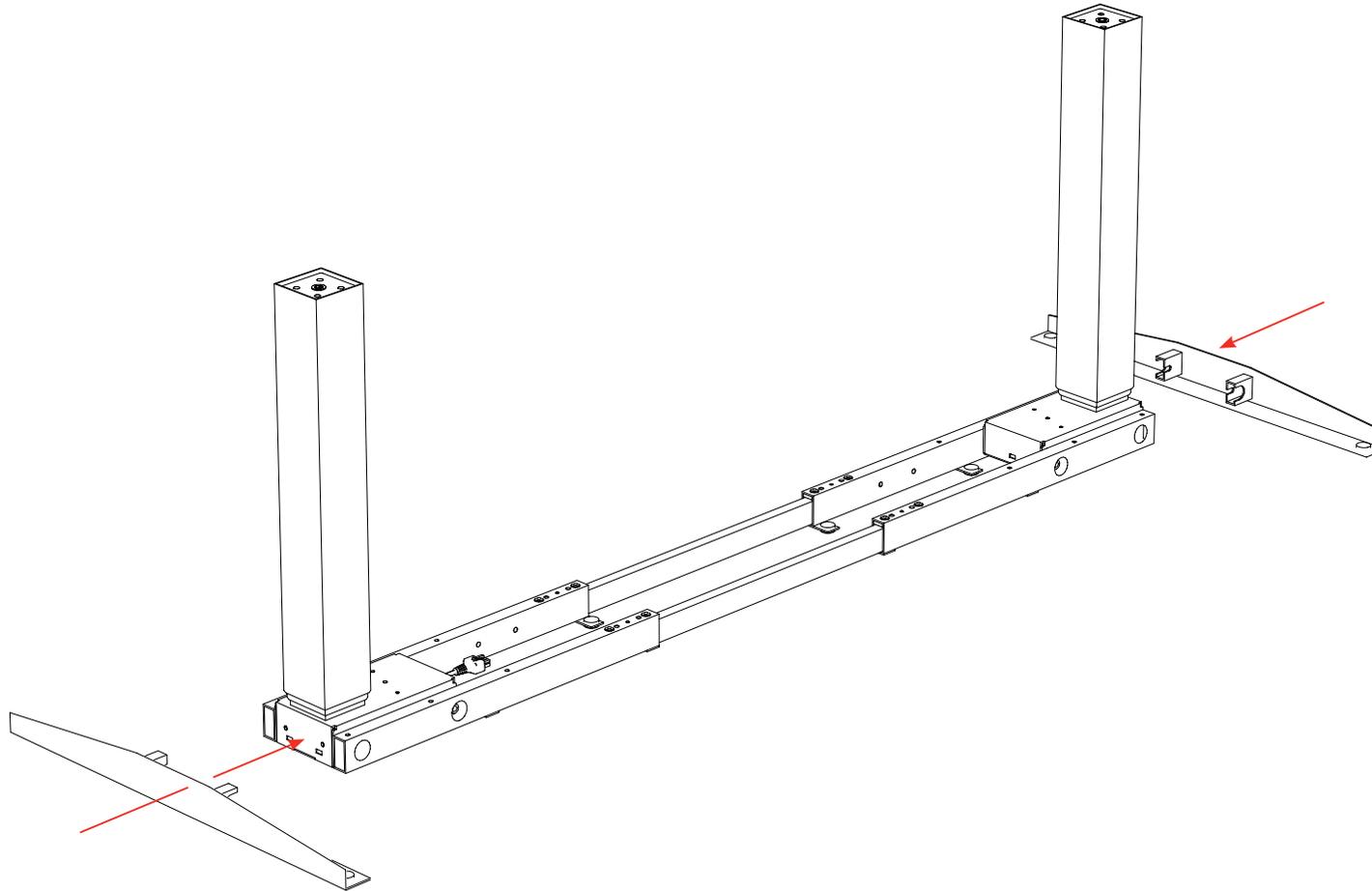
## Step 2



4 x M6x10  
Socket Head  
Bolt



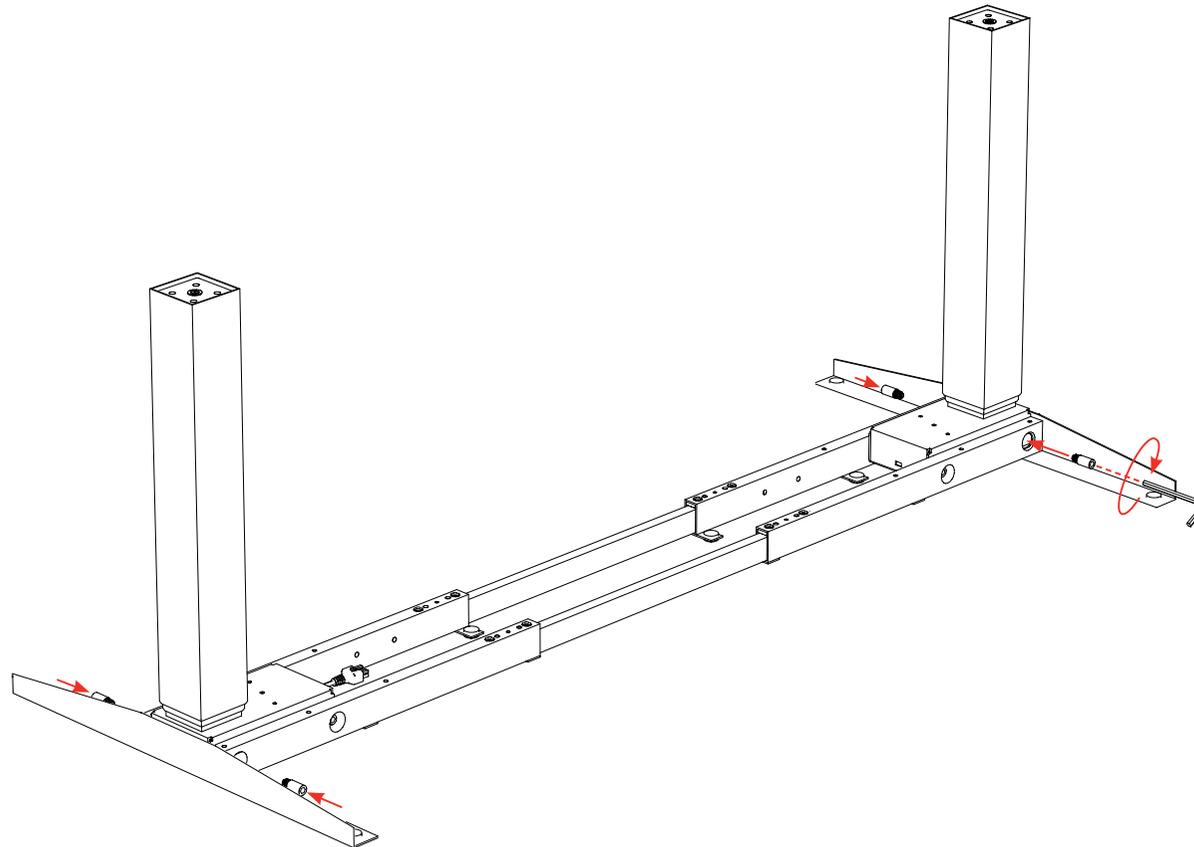
## Step 3



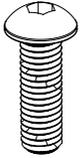
### Step 4



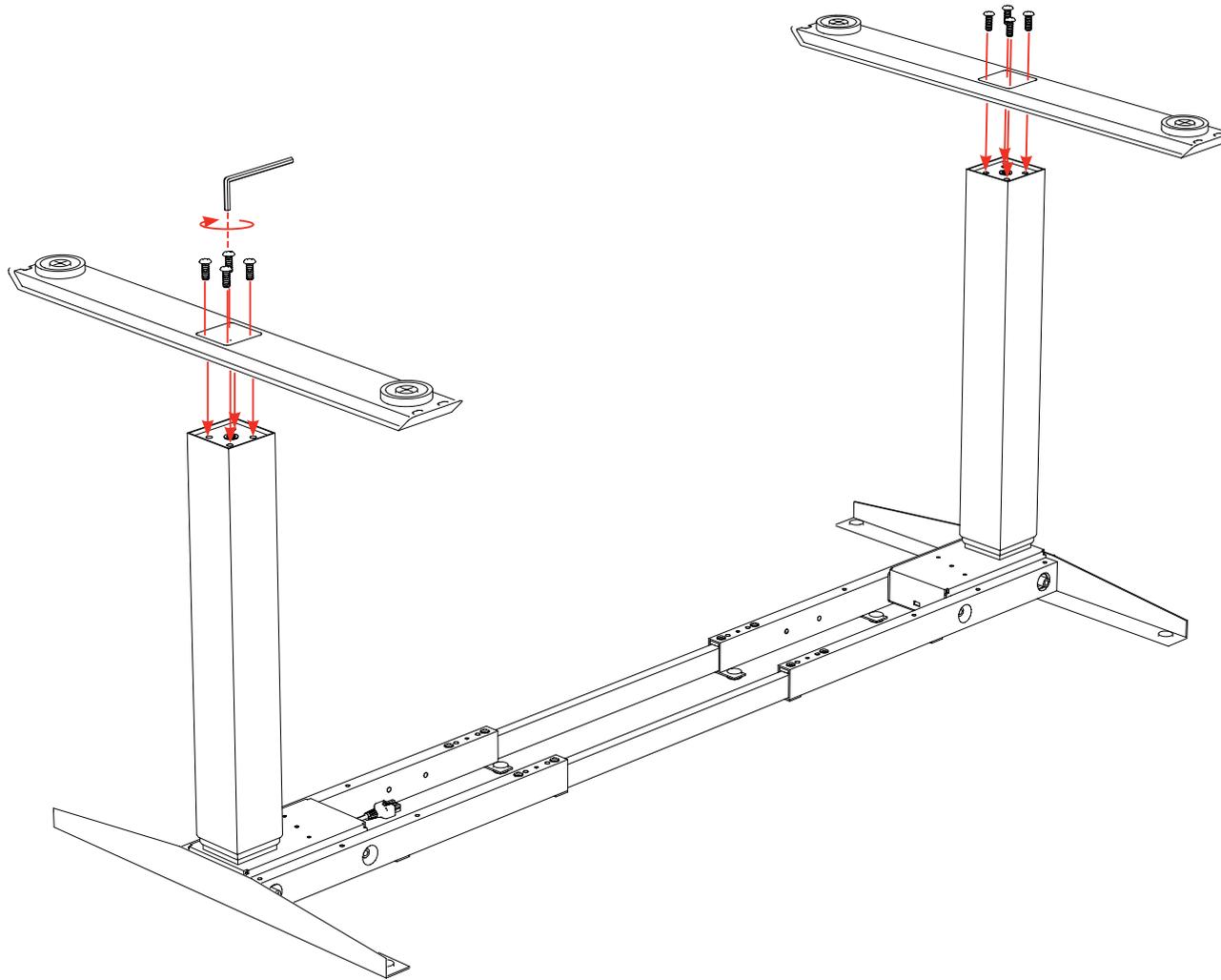
4 x M6x12



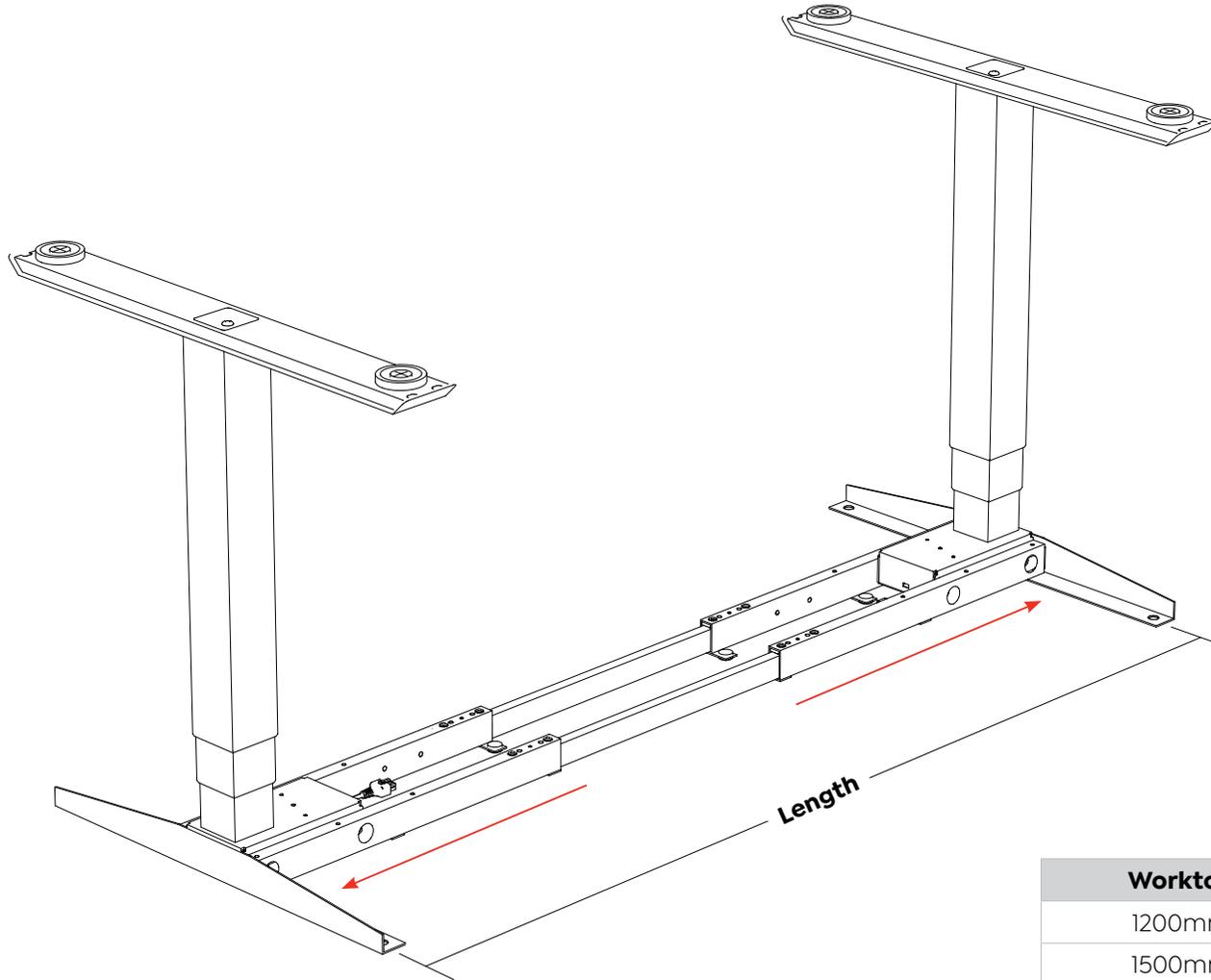
### Step 5



8 x M8x20

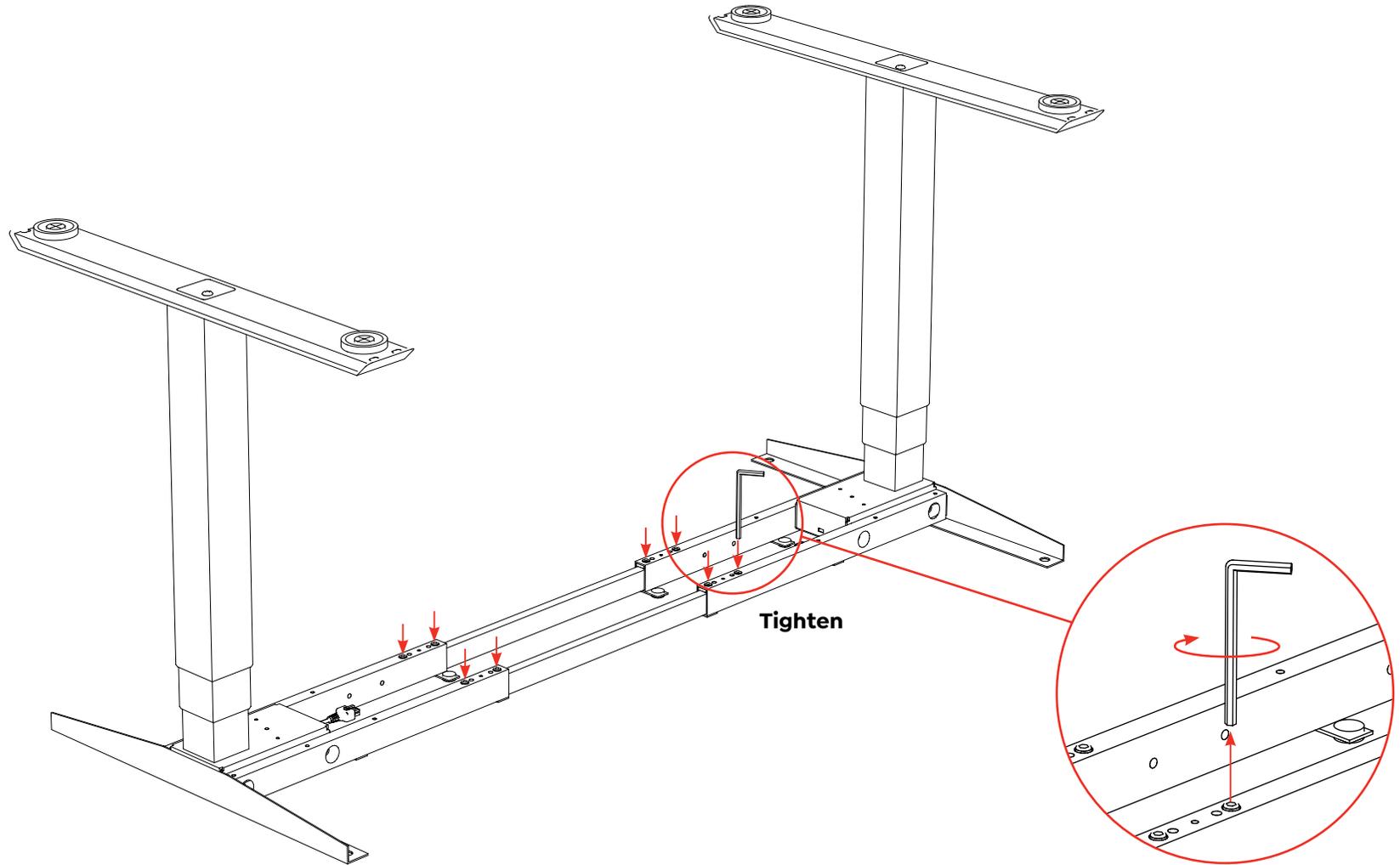


### Step 6



Worktop	Length
1200mm	1125mm
1500mm	1425mm
1800mm	1725mm

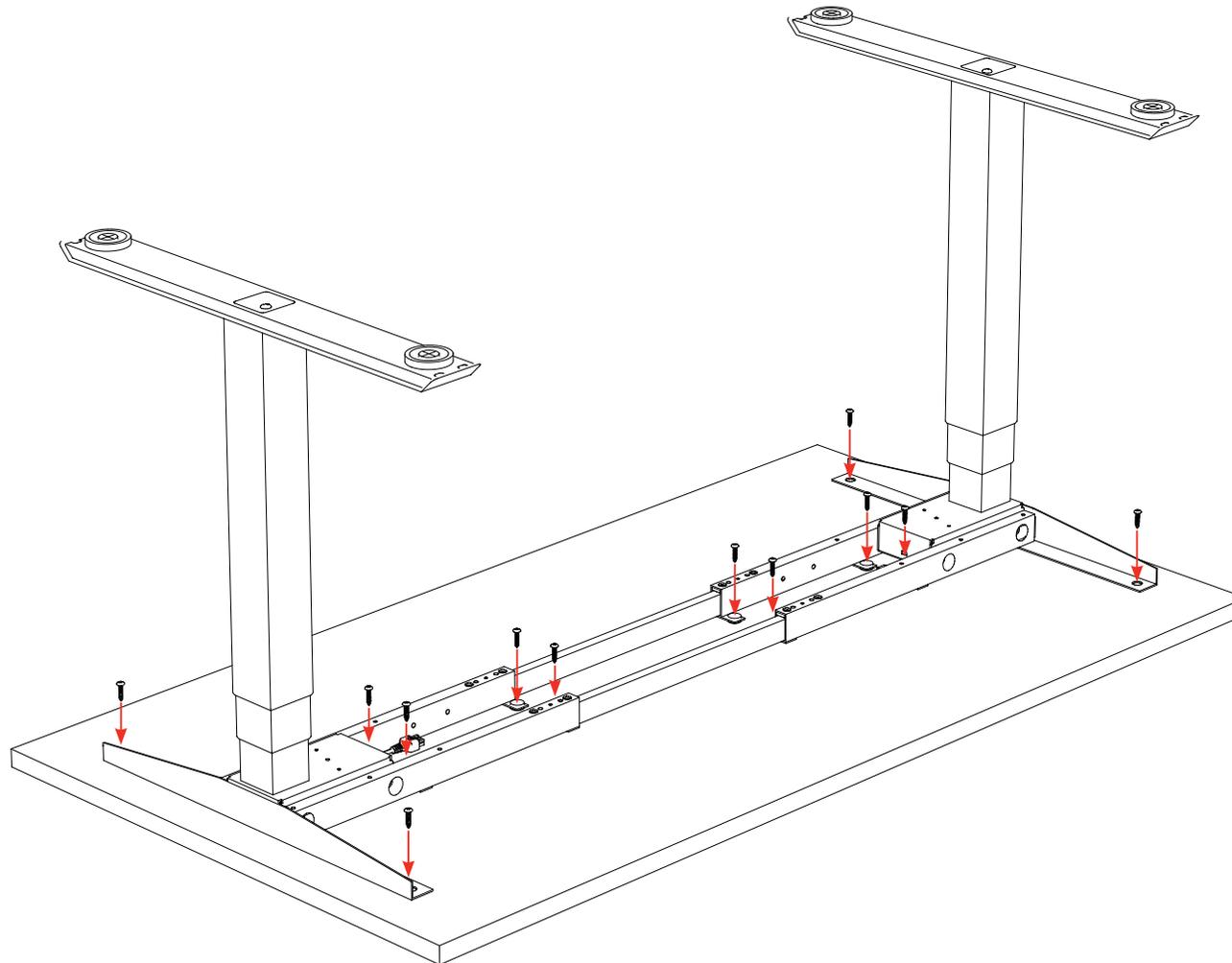
### Step 7



### Step 8



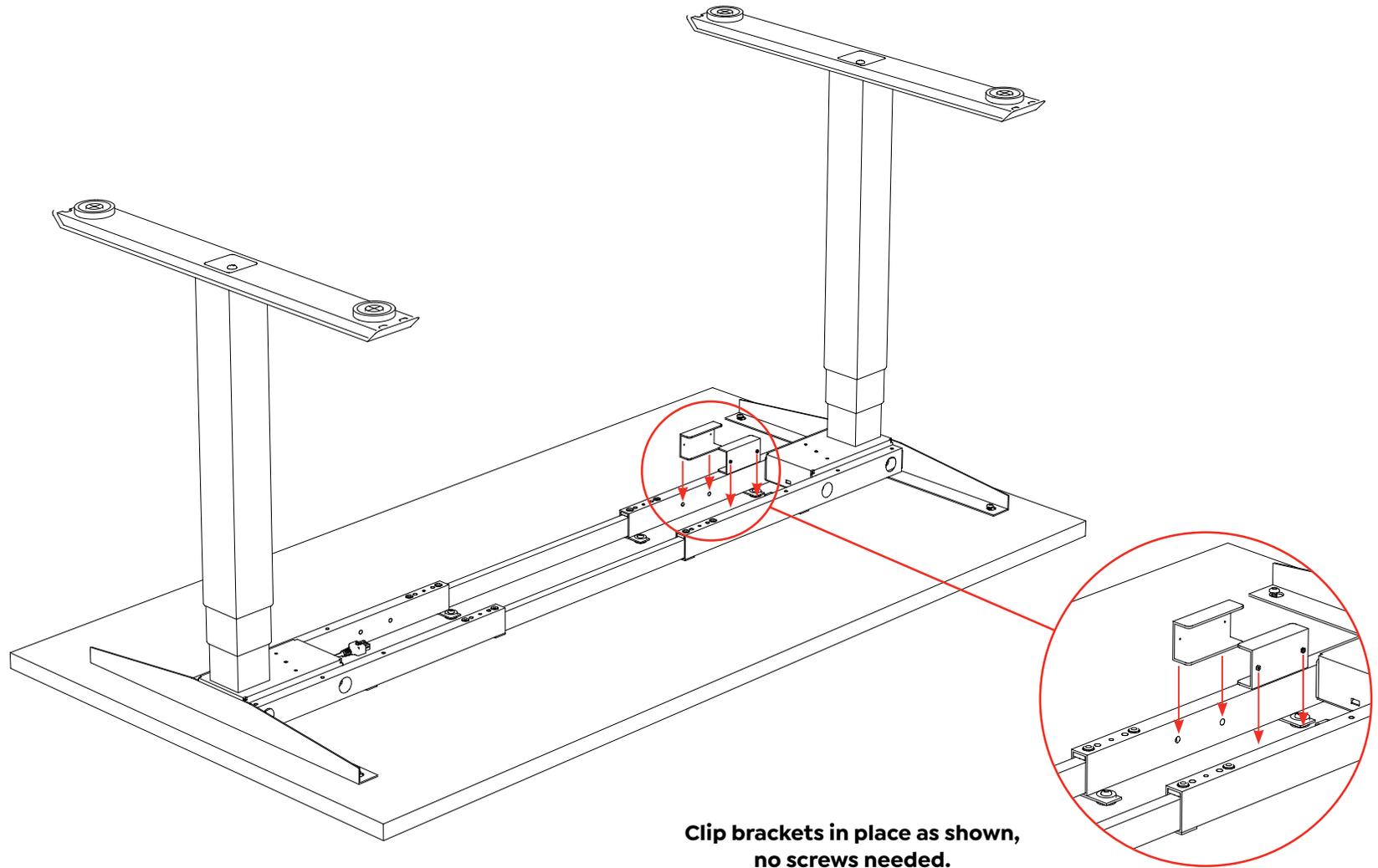
12 x ST5.0x23



### Step 9



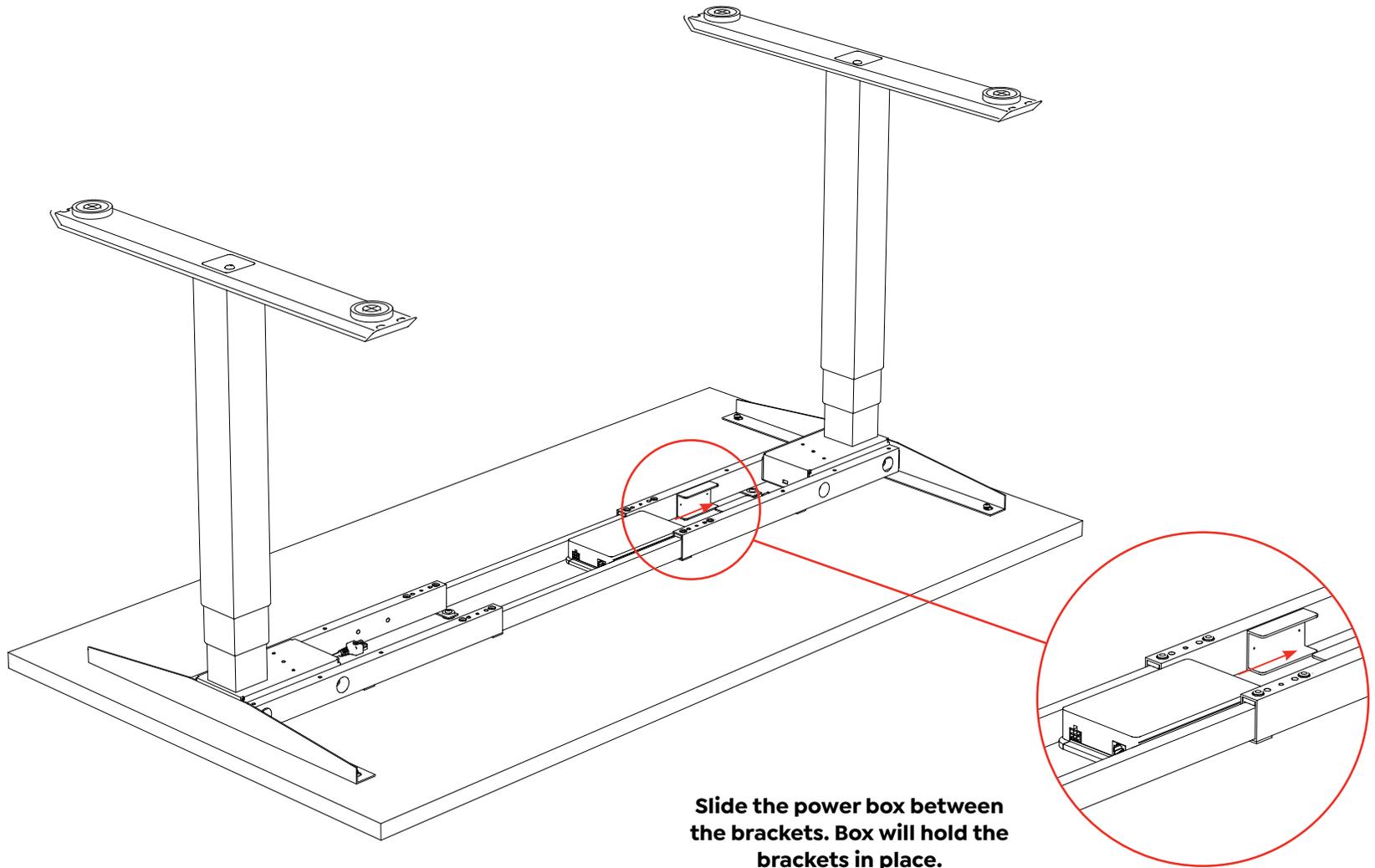
Power Box Brackets



### Step 10

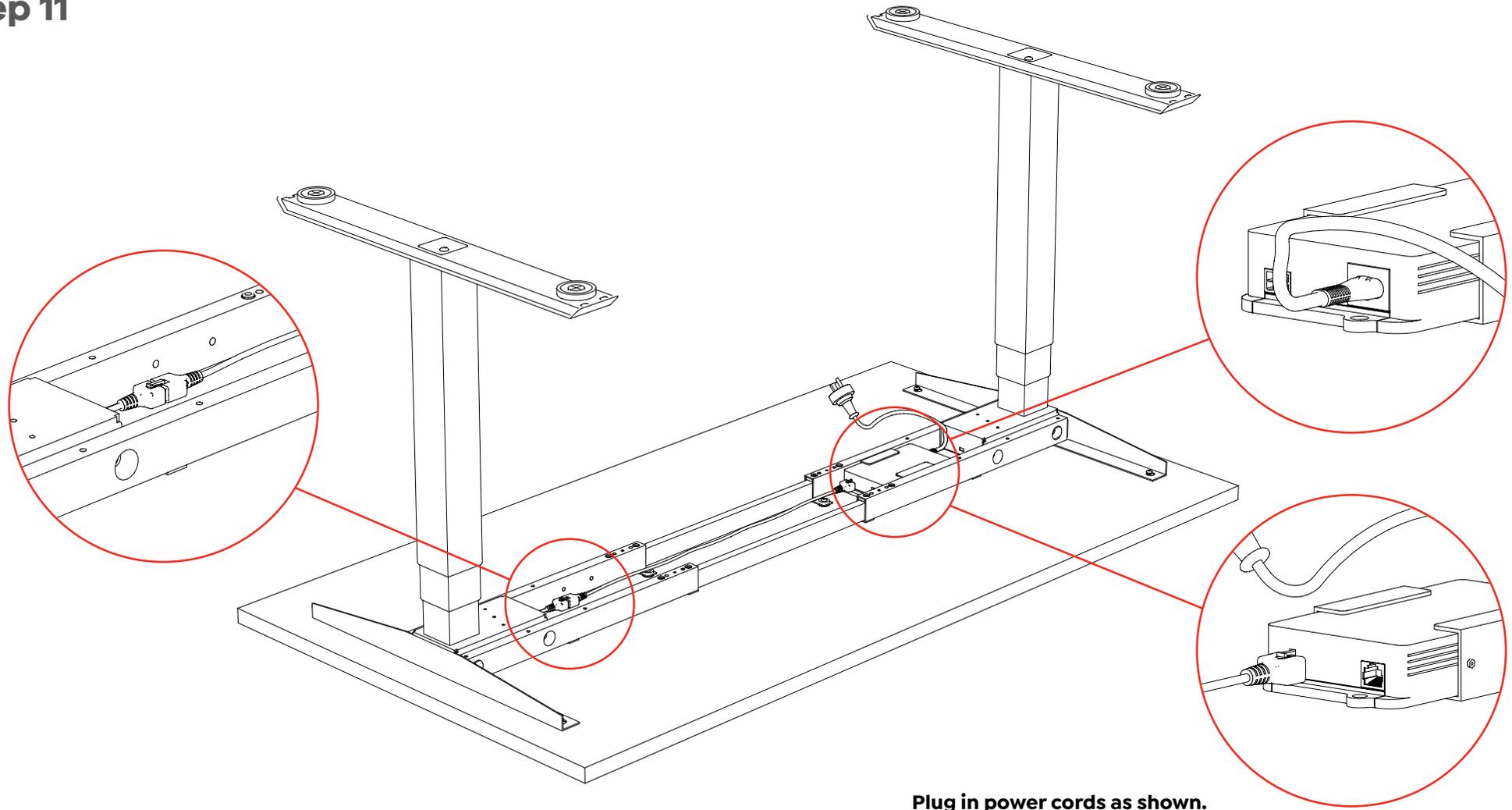


Power Box



**Slide the power box between the brackets. Box will hold the brackets in place.**

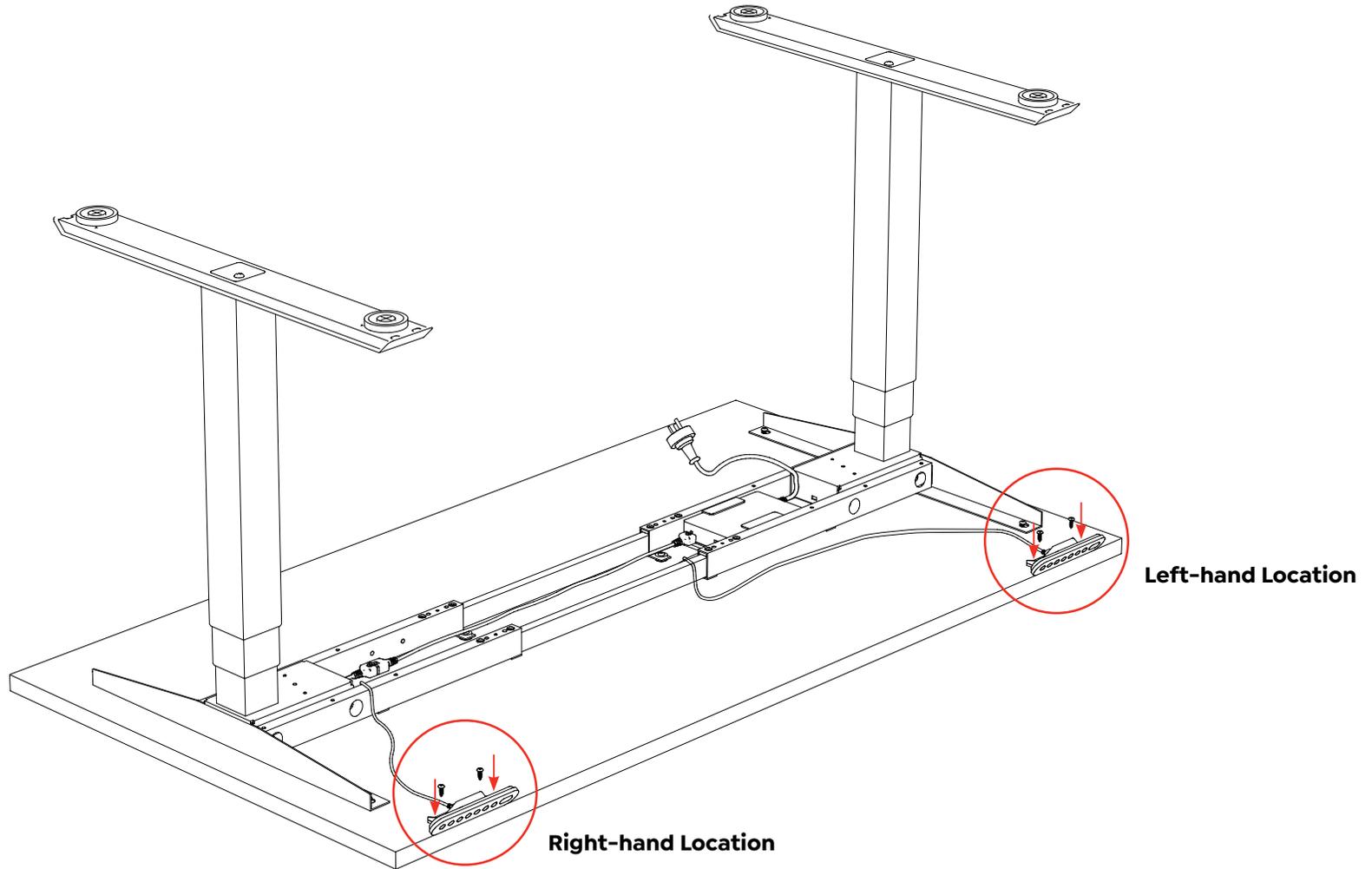
## Step 11



### Step 12



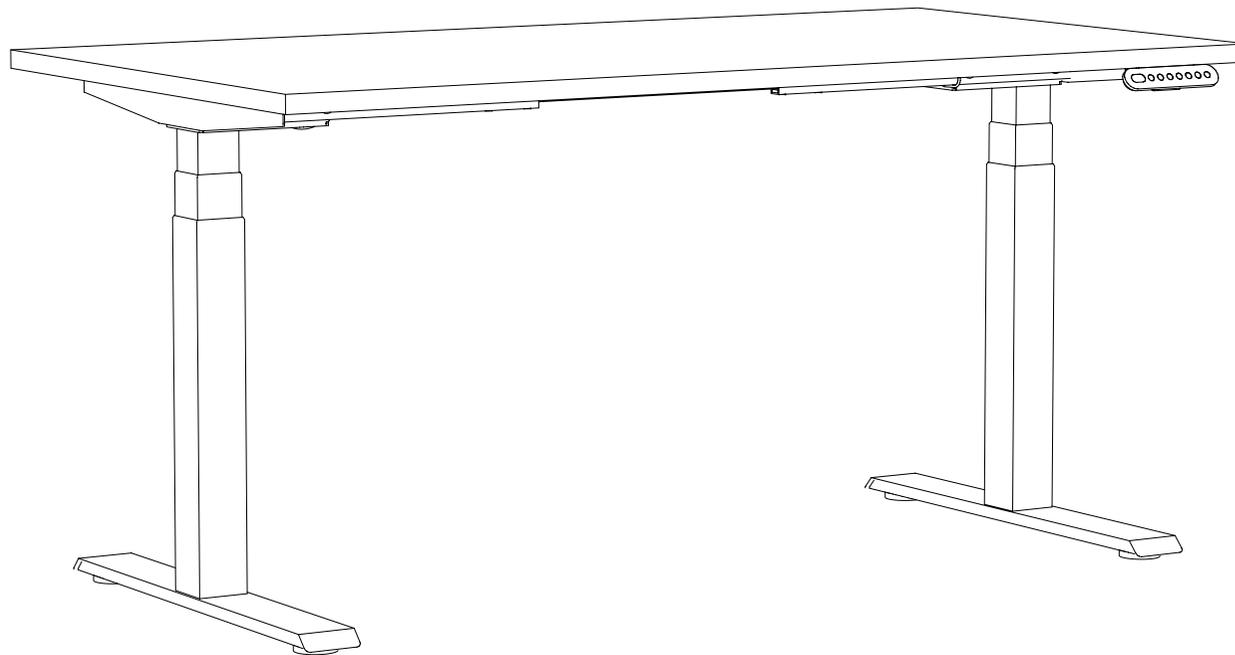
2 x ST4.2x16



# Velocity - Electric SSD

## Assembly Instructions

### Completed



# Optional SSD Cable Tray

## Assembly Instructions

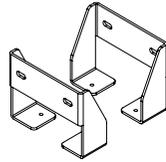
## Parts



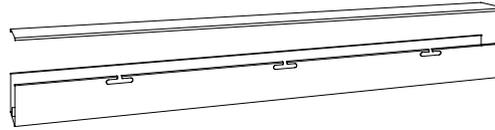
4 x M6x10  
Button Head  
Screw



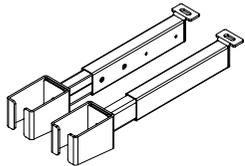
4 x M5x6



2 x SSD Tray Mounts

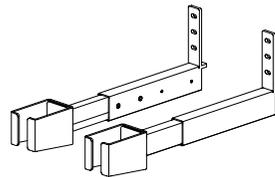


1 x SSD Tray



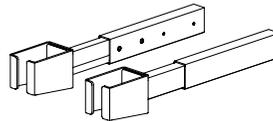
**VSSDBRAC50**  
SSD Screen Brackets L/R Pair

Required if installing  
Tray and Studio50.



**VSSDBRAC25**  
SSD Screen Brackets L/R Pair

Required if installing  
Tray and Active25.



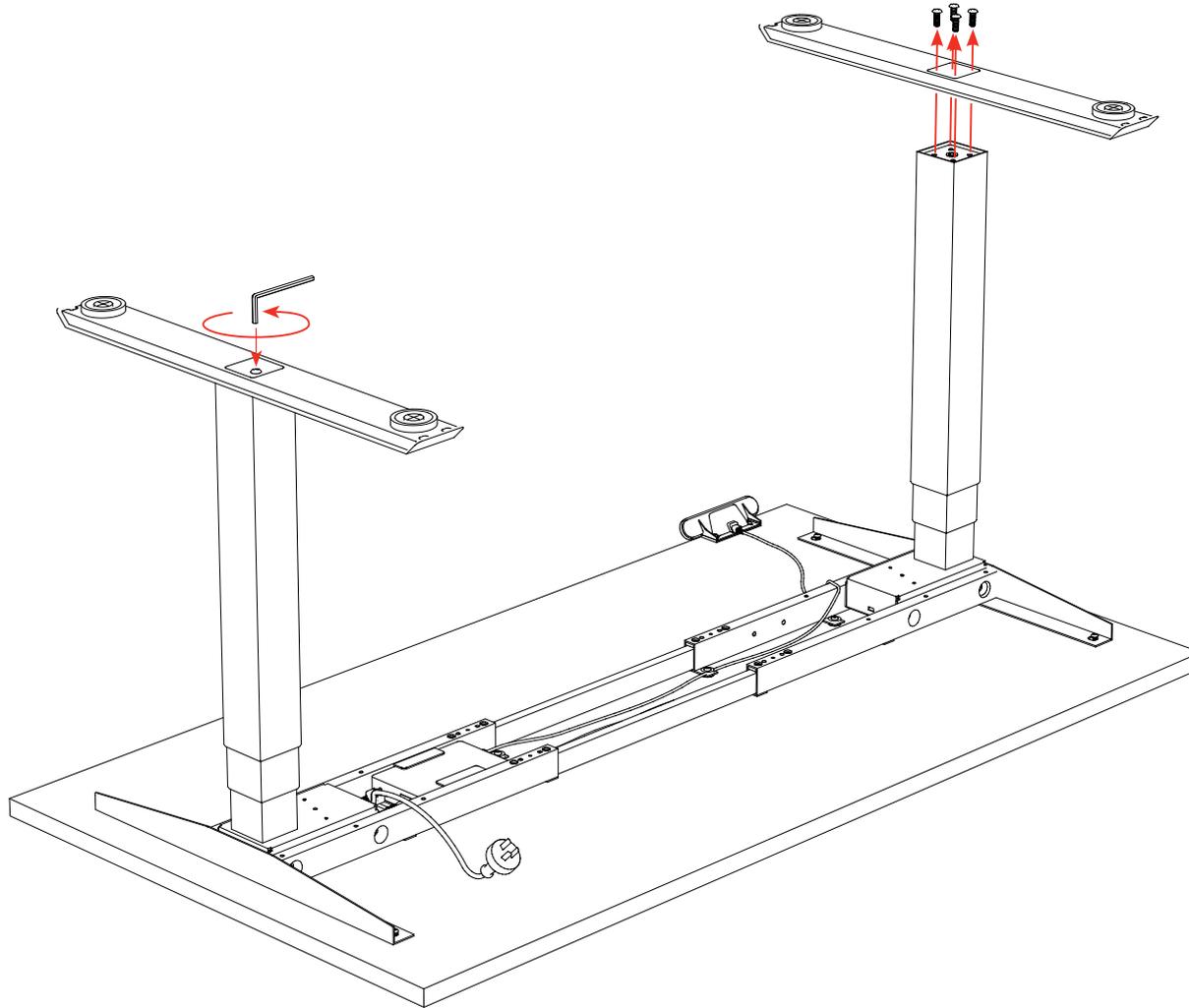
**VSSDBRACCT**  
SSD Cable Tray Brackets L/R Pair

Required if installing  
Tray and NO Screen.

# Optional SSD Cable Tray

## Assembly Instructions

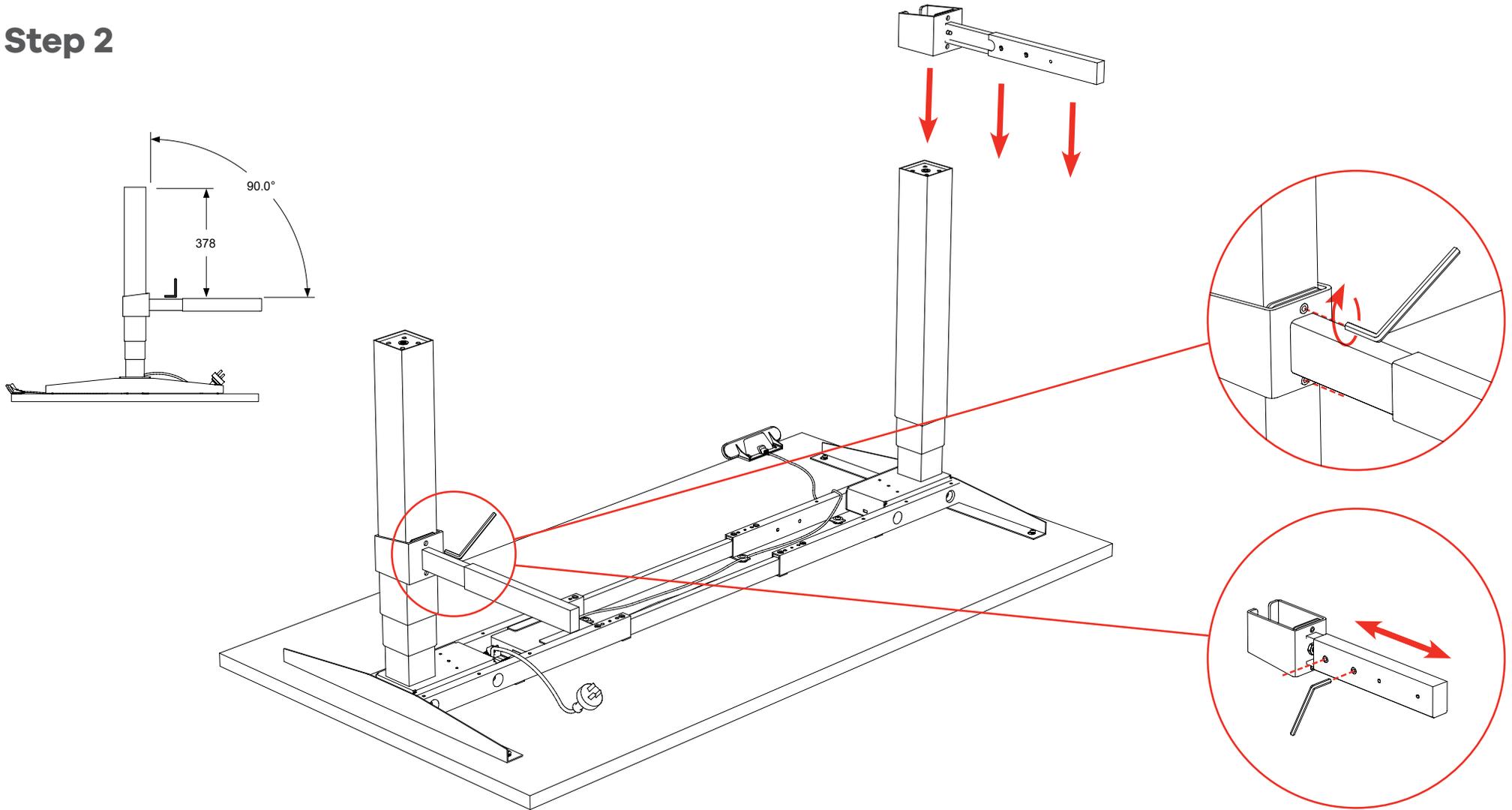
### Step 1



# Optional SSD Cable Tray

## Assembly Instructions

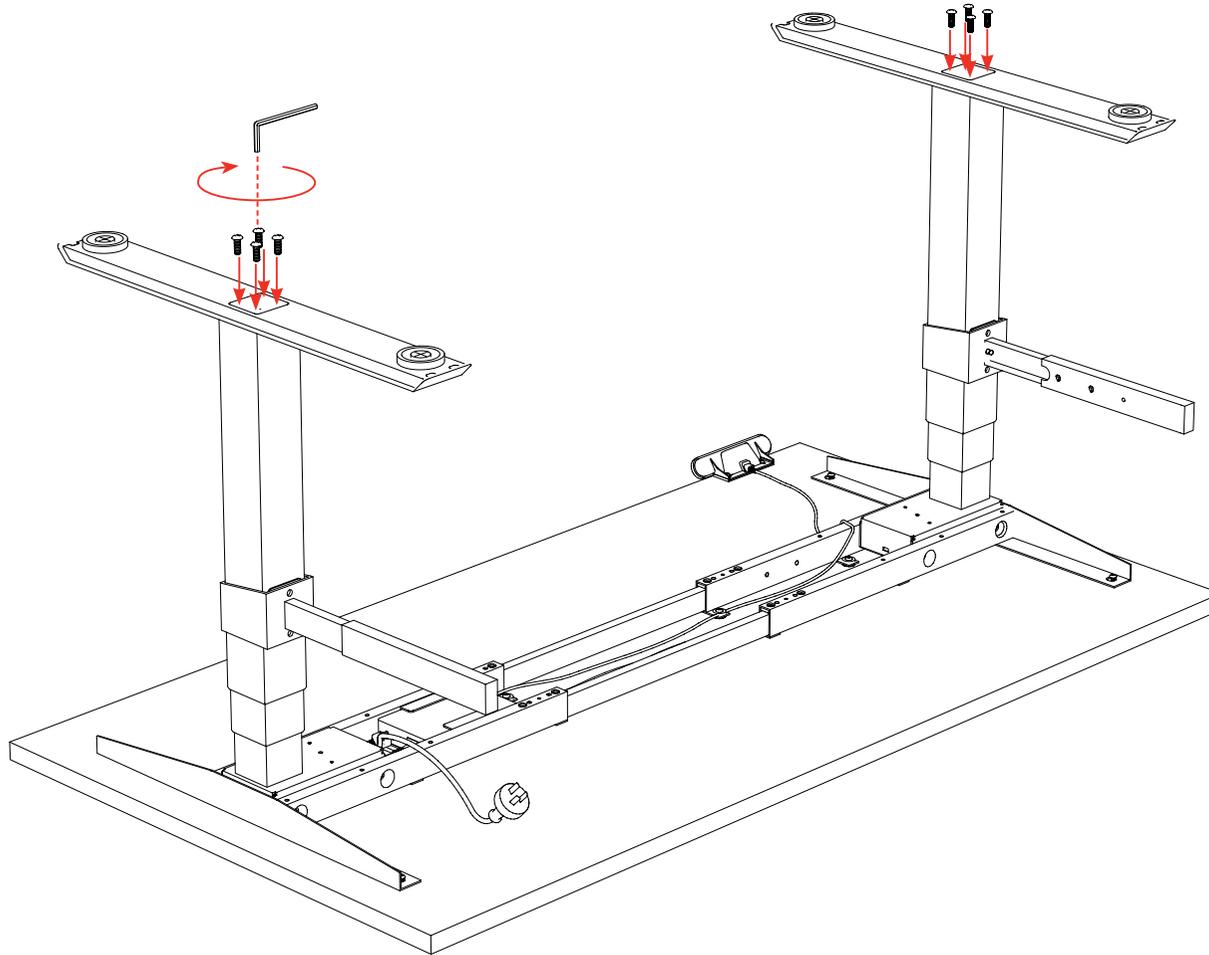
### Step 2



# Optional SSD Cable Tray

## Assembly Instructions

### Step 3



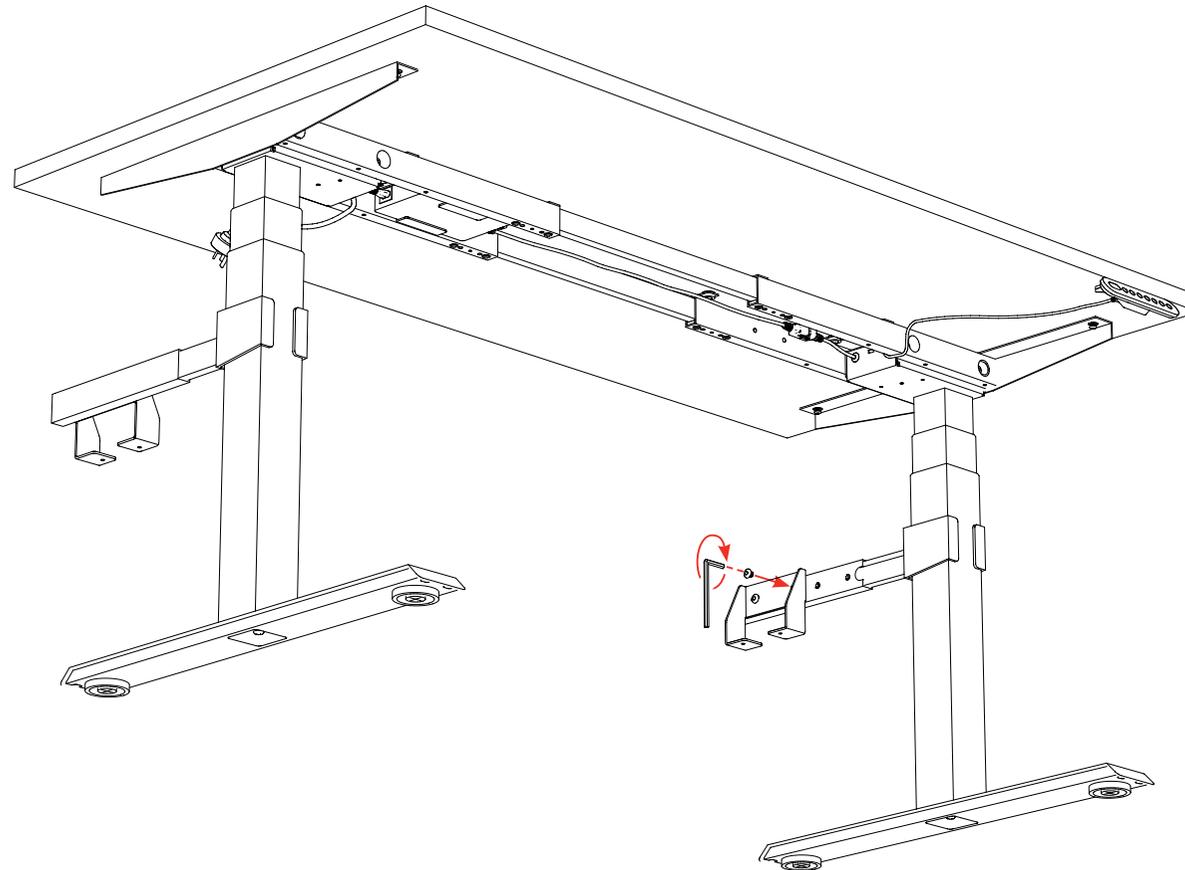
# Optional SSD Cable Tray

## Assembly Instructions

### Step 4



4 x M6x10



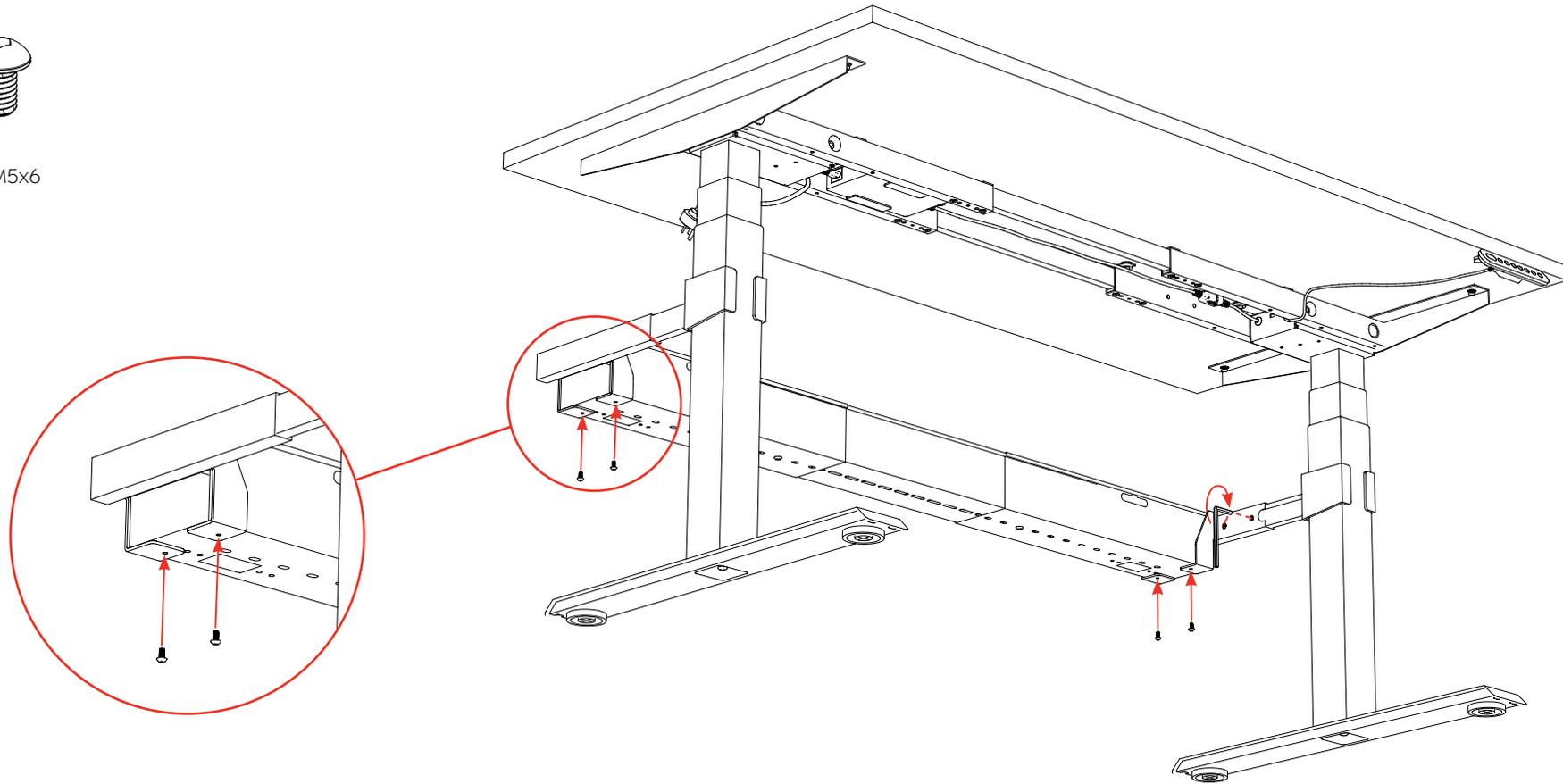
# Optional SSD Cable Tray

## Assembly Instructions

### Step 5



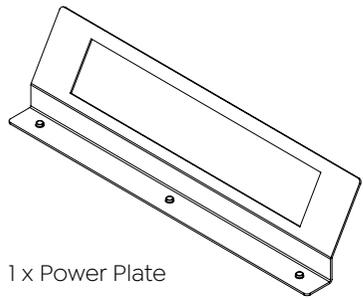
4 x M5x6



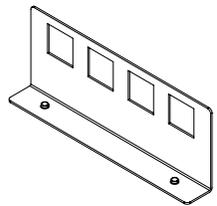
# Optional SSD Cable Tray

## Assembly Instructions

### Step 1 - Power & Data Plate



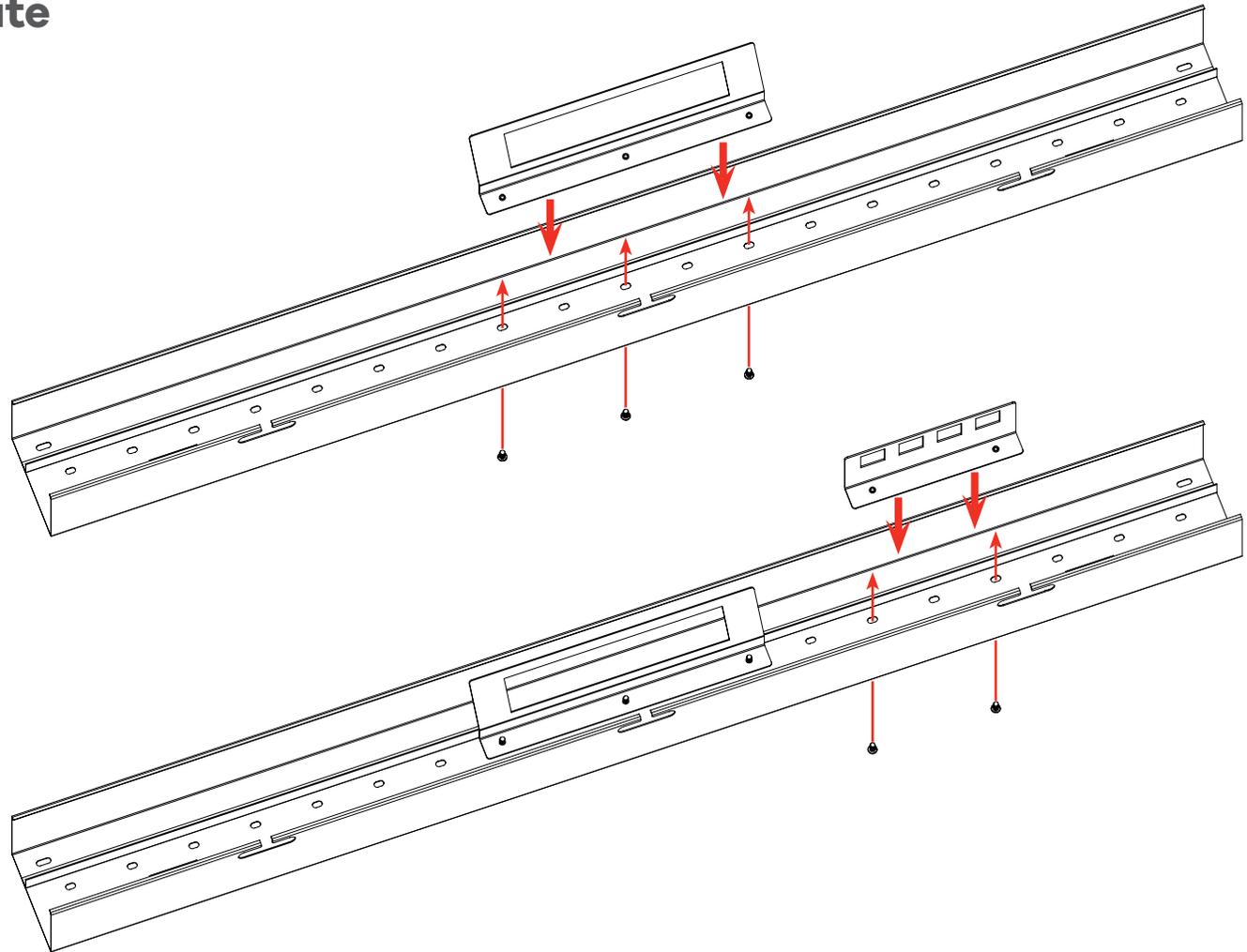
1 x Power Plate



1 x Data Plate



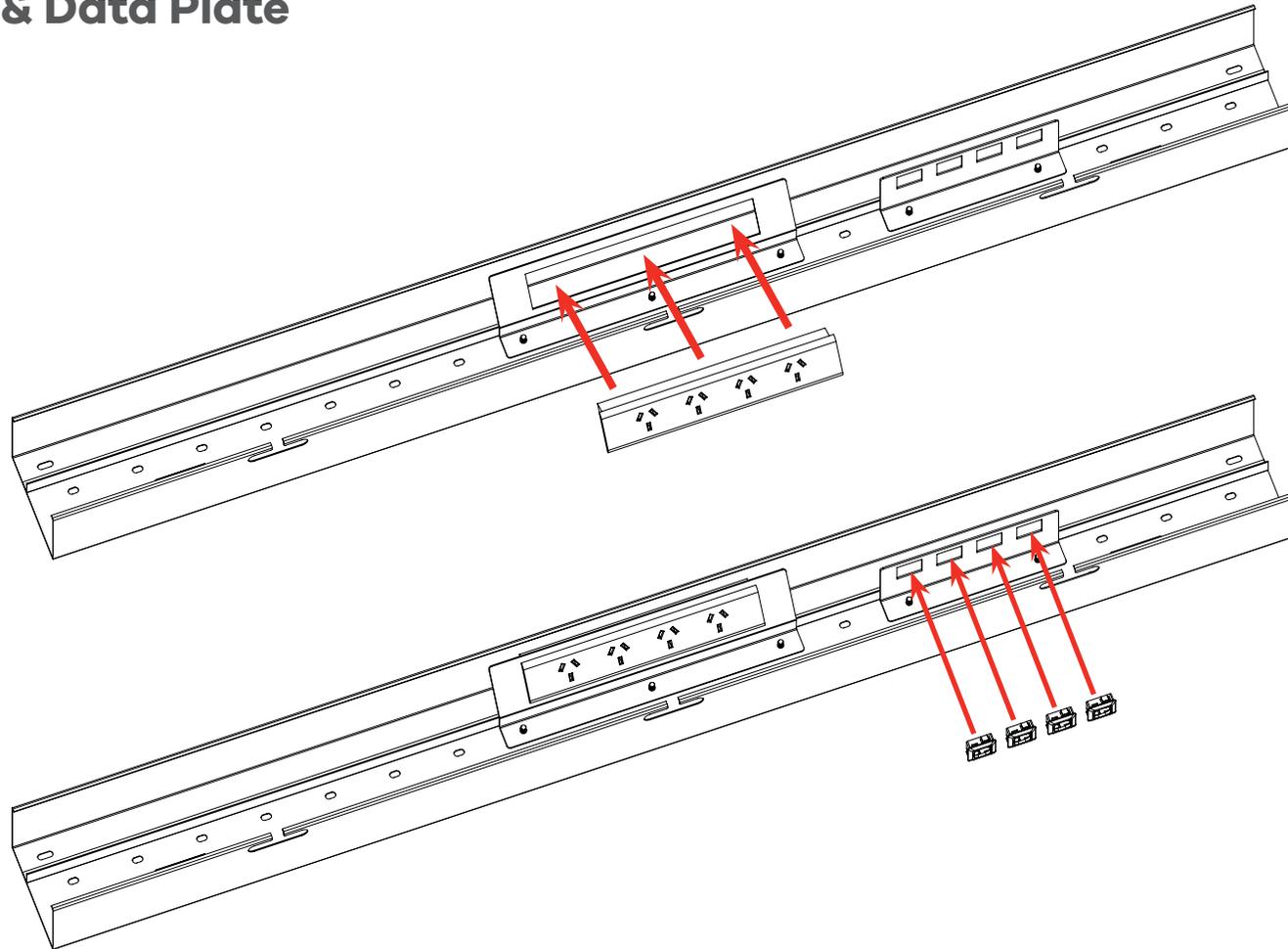
5 x Screws



# Optional SSD Cable Tray

## Assembly Instructions

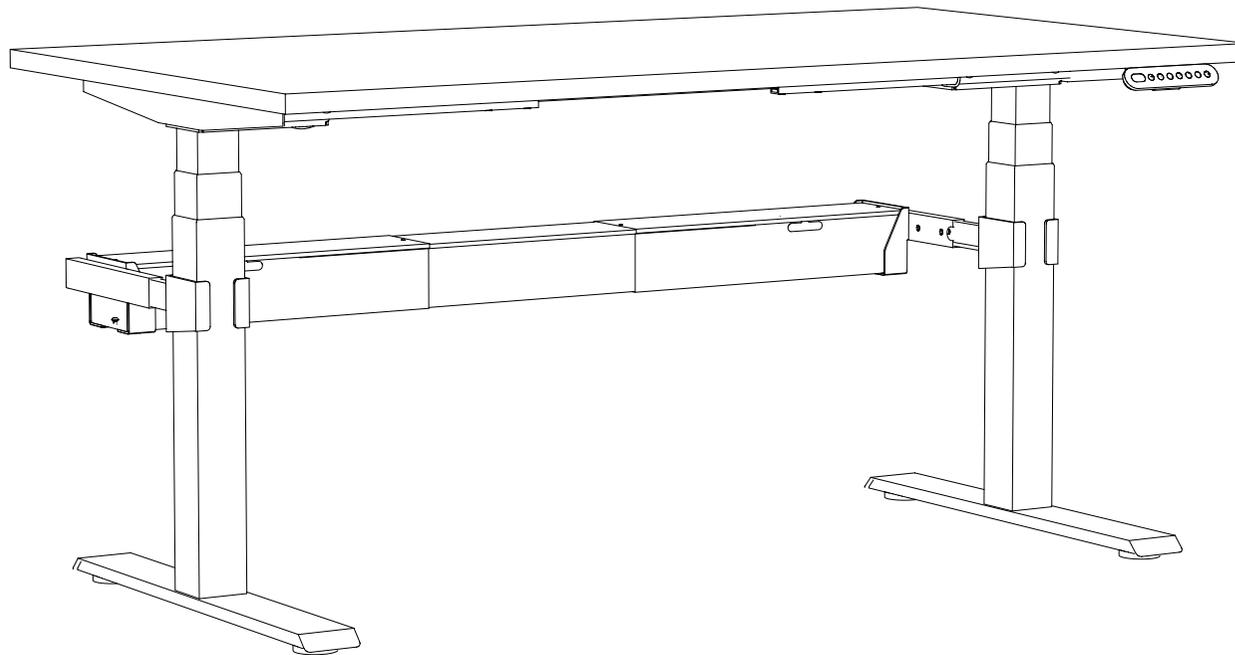
### Step 2 - Power & Data Plate



# Optional SSD Cable Tray

## Assembly Instructions

### Completed

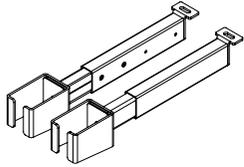


# Optional Studio50 or Active25 Screen

## Assembly Instructions

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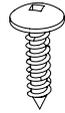
### Parts - Studio50



SSD Screen Brackets  
L/R Pair



2 x M8x25

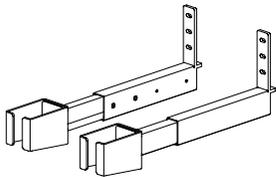


4 x ST5.0x23



2 x Stabilizing Bracket

### Parts - Active25



SSD Screen Brackets  
L/R Pair

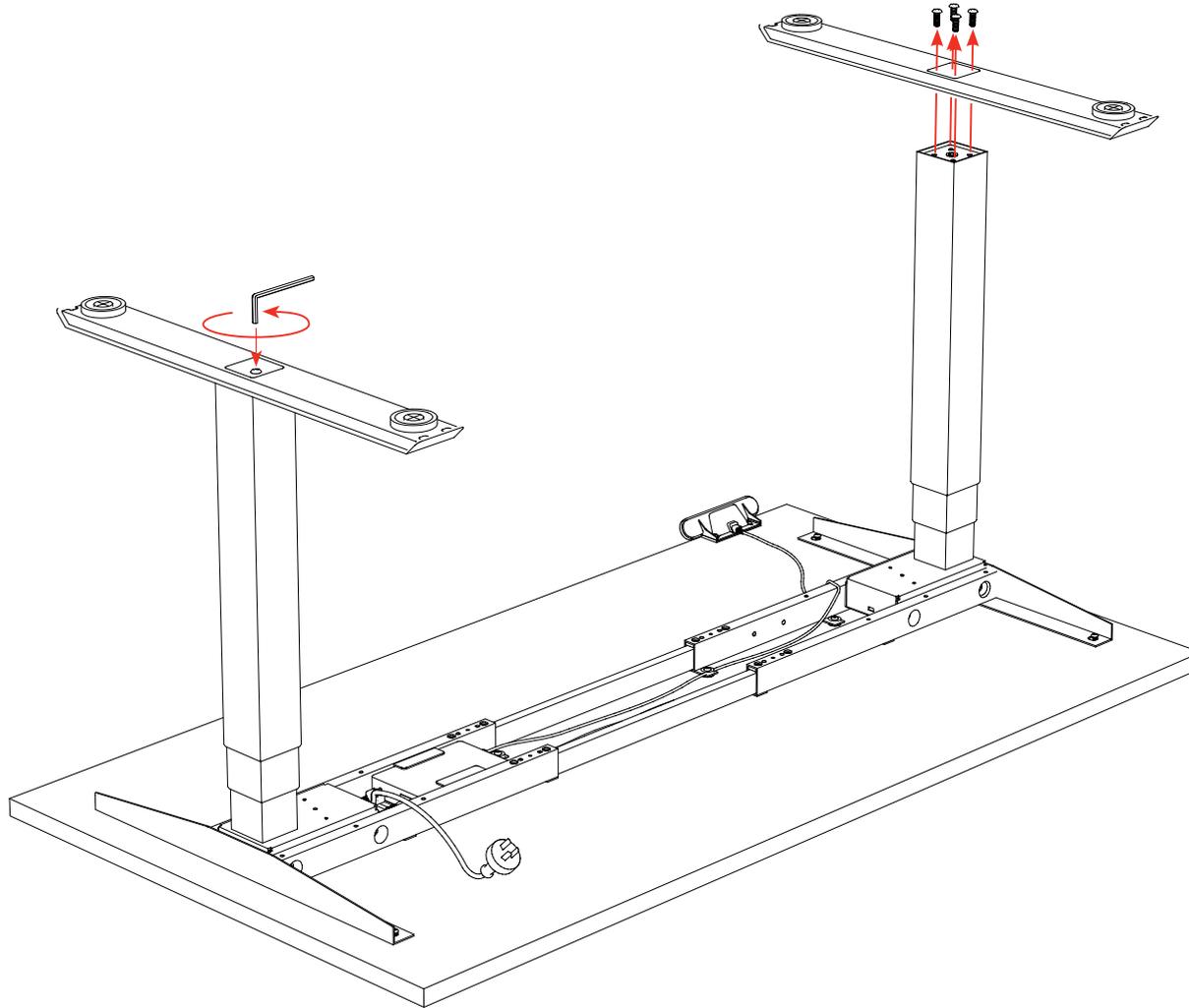


Tapping Screw  
6 x 6.3x25

# Optional Studio50 or Active25 Screen

## Assembly Instructions

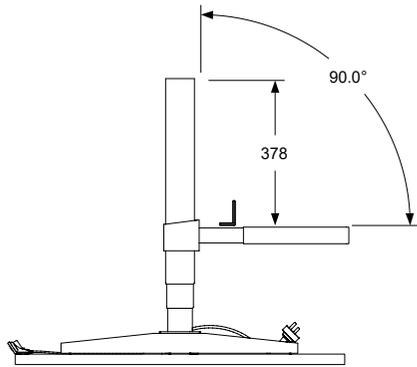
### Step 1



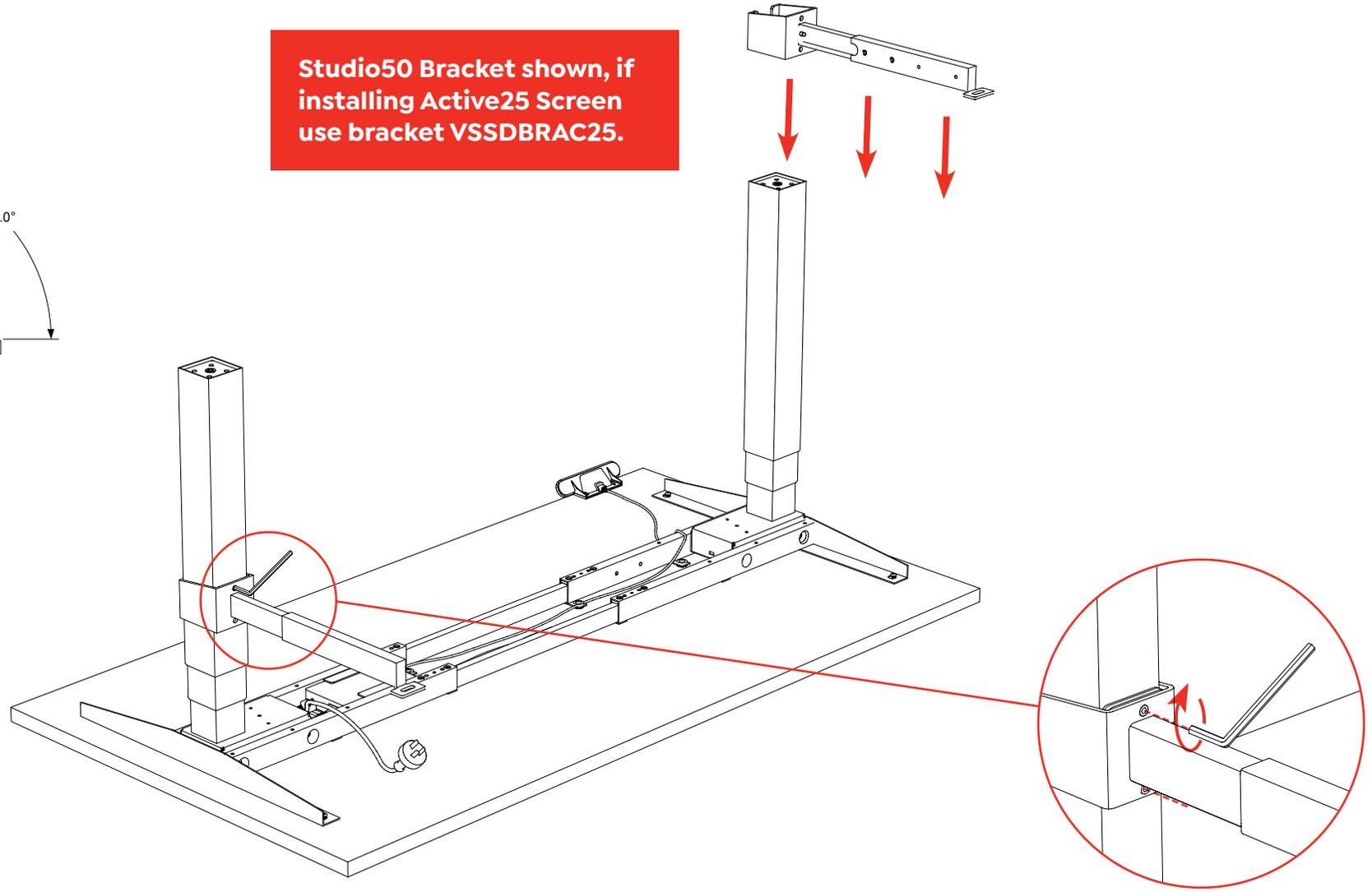
# Optional Studio50 or Active25 Screen

## Assembly Instructions

### Step 2



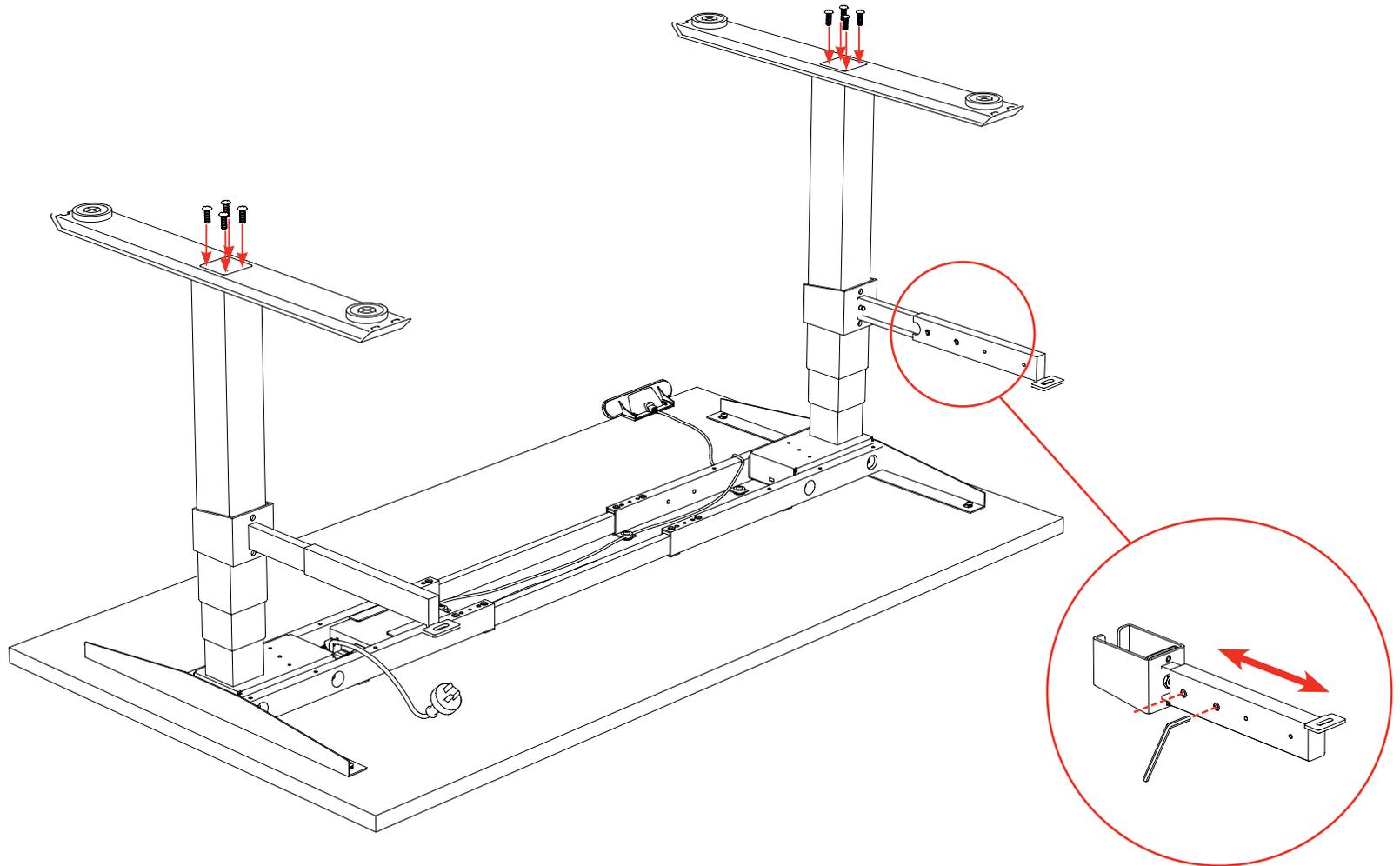
**Studio50 Bracket shown, if installing Active25 Screen use bracket VSSDBRAC25.**



# Optional Studio50 or Active25 Screen

## Assembly Instructions

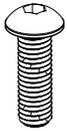
### Step 3



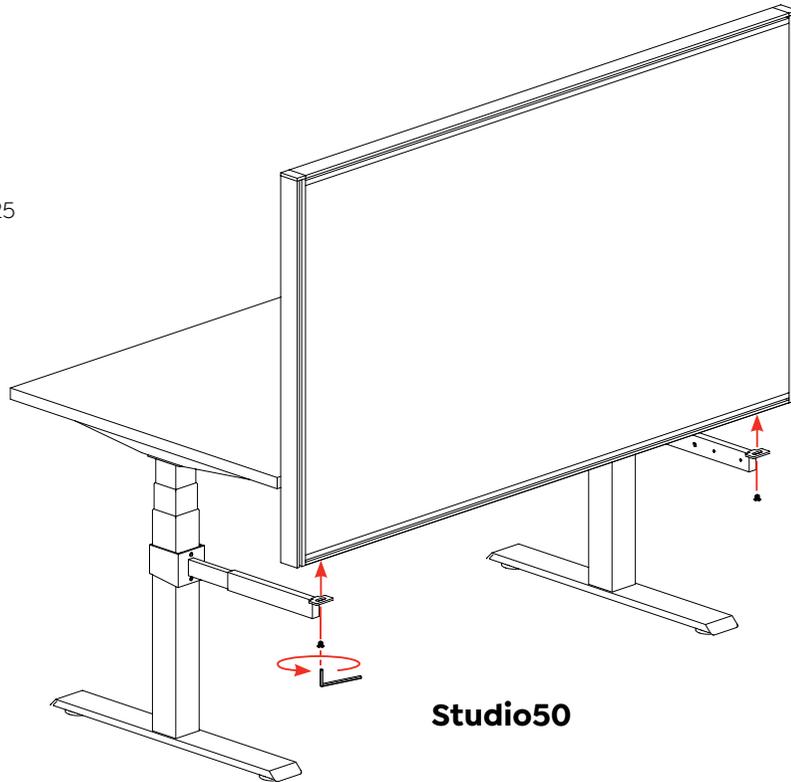
# Optional Studio50 or Active25 Screen

## Assembly Instructions

### Step 4



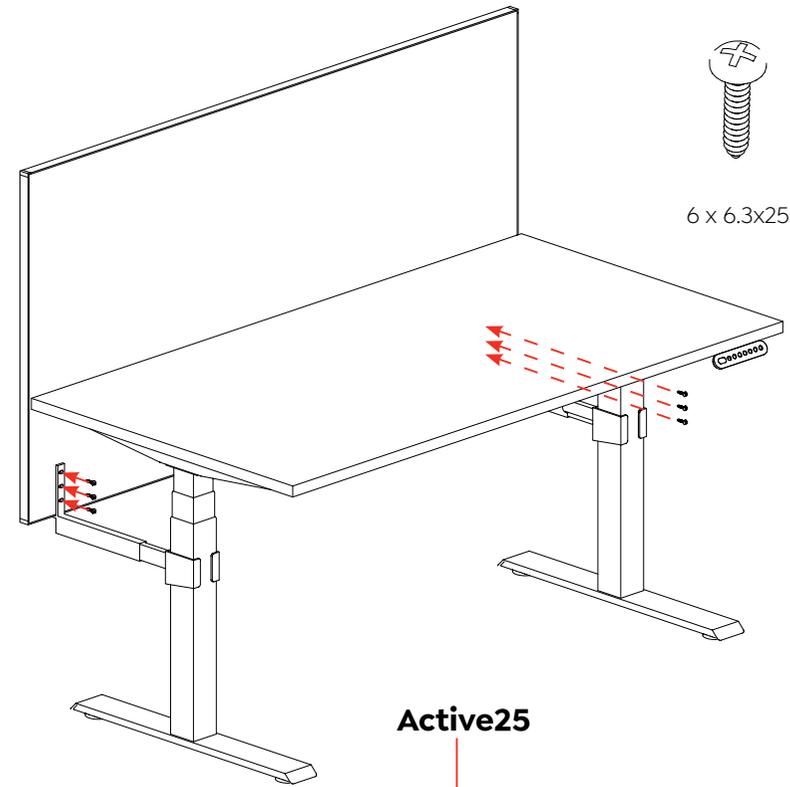
2 x M8x25



**Studio50**



6 x 6.3x25



**Active25**

**Adjust leg bracket to allow 10mm gap between worktop and screen.**

# Optional Studio50 or Active25 Screen

## Assembly Instructions

### Step 5

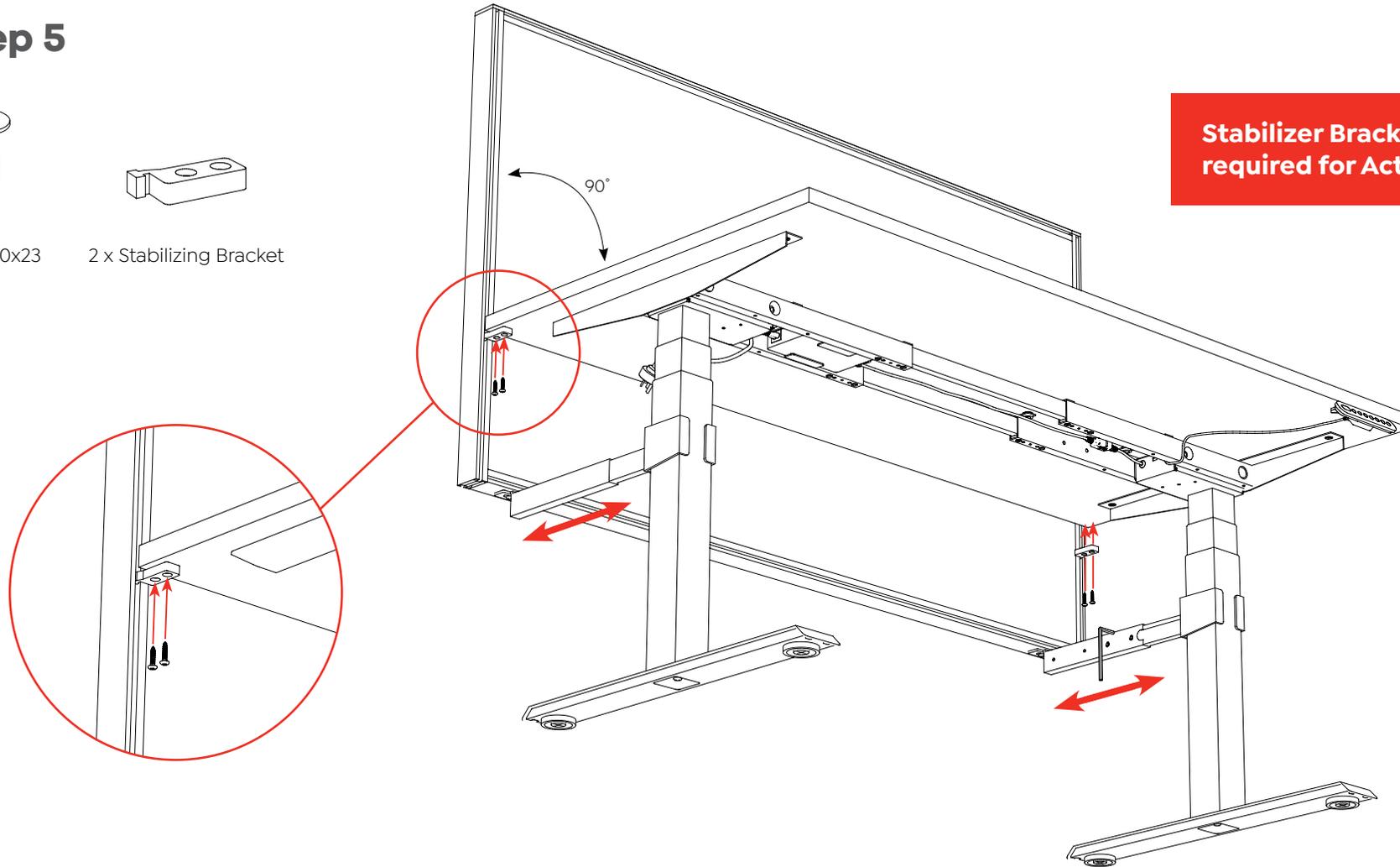


4 x ST5.0x23



2 x Stabilizing Bracket

**Stabilizer Brackets are not required for Active25 Screens.**

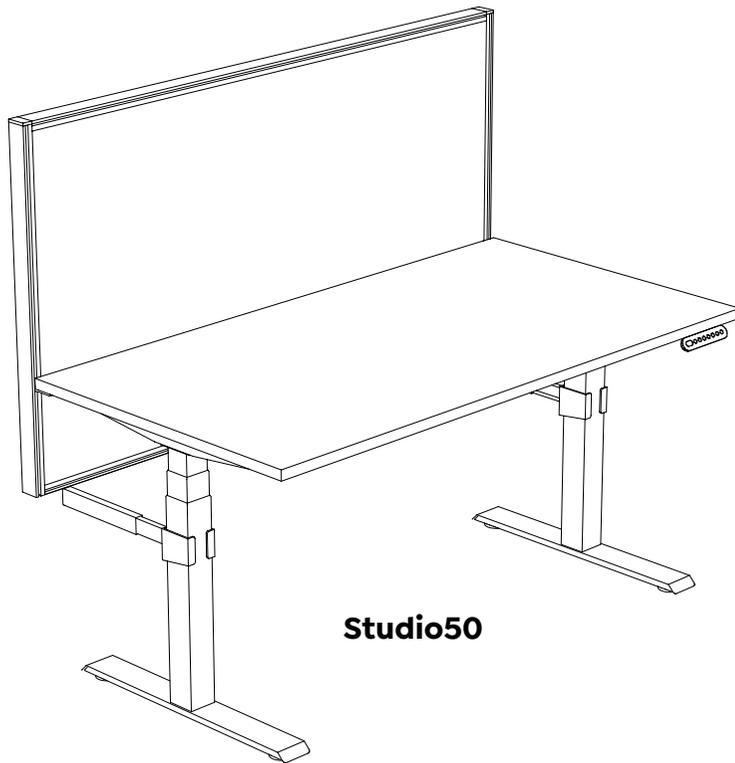


# Optional Studio50 or Active25 Screen

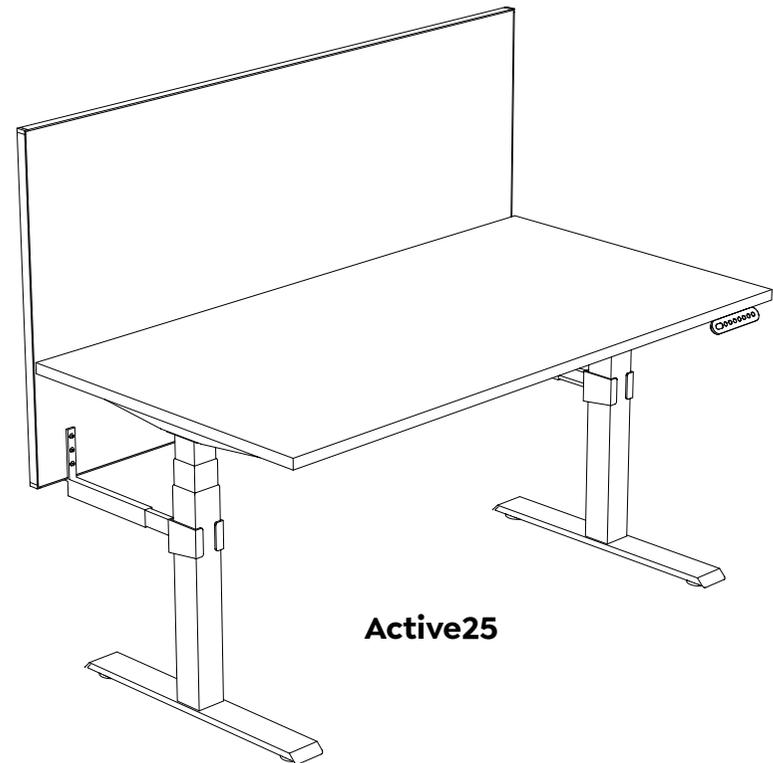
## Assembly Instructions

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### Completed

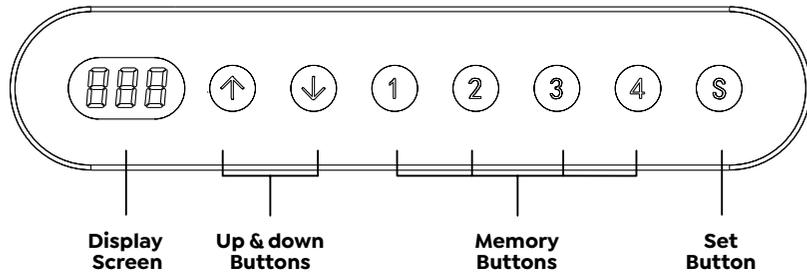


**Studio50**



**Active25**

## Operational Instructions



The whole handset surface is a button panel. If there is no press within 30 seconds, the screen is locked and 1/2/3/4/S buttons are locked correspondingly, you should press Up or Down key first, it can be used when the display screen light up.

### OPERATION

- **Display Screen** - Shows current height of desk.
- **Up and Down Button** - Press and hold the “UP” or “DOWN” button to adjust desk height until you reach an optimum height.
- **How to Set Memory Buttons** - Adjust desk to preferred height using “UP” & “DOWN” buttons. Press and hold a memory button for 5 seconds until you hear a beep, the memory height is now saved.
- **Memory Buttons** - After setting memory buttons, the desk will auto adjust to the saved height.
- **Set Button** - Auto adjusts desk height to 72cm. This height is the standard optimum height when sitting.

### FACTORY RESET

Restore the Factory Settings: When the desk is assembled for the first time, a new controller is installed or the parameters need to be restored to the factory settings, press the “DOWN” and “UP” buttons simultaneously, you will hear the first “beep” after about 5 seconds and a second “beep” after 10 seconds. When the display screen shows “RST”, please refer to “Calibration Step 1” below.

### CALIBRATION

1. When “RST” is on the display screen, press the “DOWN” button until the desk frame reaches its lowest point. After hearing a “beep” and desk frame rebounds, calibration is completed (Note: The button cannot be released during this operation, otherwise the calibration will fail).
2. Forced Calibration: Press the “DOWN” button until the desk frame reaches its lowest point, then release the button and press it again for about 5 seconds until hear a “beep” and desk frame rebounds, and the calibration is completed.

### SAFETY FUNCTION

When the desktop is moving up or down and encounters reverse resistance, the desk will rebound.

### ERROR CODES

Error and Fault	Solution
E01, E06, E07 = Power Fault	Power off and restart. If fault still exists there is a motor problem.
E02 = Synchro Height Over 10mm	Implement the calibration step 1.
E04 = Handset Fault	Unplug and replug the cable of hand set. Power off and restart.
E05 = Anti-collision Alert	Rebound reminder, normal condition.
E08 = Desktop Sloping	Check the desktop.
E11, E21, E40, E41 = Connection Cable Failure	Check the connecting cable.
E12, E22, E42, E43 = Controller Fault	Exchange the controller.
E14-E17, E24-E27 = Motor Fault	Change motor.
E18, E28 = Overloading	Reduce the loading.
Hot = Overload Power Protection	Automatic recovery after stop using for 20 minutes.

### ADVANCED FUNCTION SETTINGS

**Limited Height Setting:** Press “UP” and “DOWN” buttons for 5 seconds until you hear a ‘beep’, limited height setting success.

(minimum limited height < 96, maximum limited height > 97).

**Cancel the Function:** Run to the limit height and press “UP” and “DOWN” buttons again for 5 seconds until you hear a beep sound, limited height cancel.

**Lock and Unlock:** Press “UP” and “S” buttons, screen display “LOC”, system locked. Press “DOWN” and “S” buttons, screen display “LOC”, system unlocked.

**Press “SET” button for approx 10 seconds until digital screen displays S-1.**  
**Press the “UP” or “DOWN” buttons to choose from the following.**

#### S-1 = Metric and Inch Exchange

Select “up” & “down” buttons to navigate to selection

0 - Metric

1 - Inch

Press “SET” button to make selection and save.

## Operational Instructions

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### **S-2 = Anti Collision Sensitivity**

Select “up” & “down” buttons to navigate to selection

0 - Shut down

1 - The most insensitive

8 - The most sensitive

Press “SET” button to make selection and save.

### **S-3 = Sensitivity of Upwards Anti Collision**

Select “up” & “down” buttons to navigate to selection

0 - Shut down

1 - The most insensitive

8 - The most sensitive

Press “SET” button to make selection and save.

### **S-4 = Sensitivity of Downwards Anti Collision**

Select “up” & “down” buttons to navigate to selection

0 - Shut down

1 - The most insensitive

8 - The most sensitive

Press “SET” button to make selection and save.

### **S-5 = Basement Height Setting**

Use “up” & “down” buttons to adjust the basement height.

Press “SET” button to make selection and save.

### **S-6 = Memory Key Operation**

Select “up” & “down” buttons to navigate to selection

0 - Long pressing desk running, hands off desk stop running

1 - Click desk running, second click to stop running

Press “SET” button to make selection and save.

### **S-7 = Overheat Protection**

Select “up” & “down” buttons to navigate to selection

0 - Shut down

1 - Turn on (Continuous operation for two minutes, error HOT)

Press “SET” button to make selection and save.

### **S-8 = Desktop Tilt Angle Setting**

Select “up” & “down” buttons to navigate to selection

0 - Shut down

1 - 0.5°

2 - 1.0°

3 - 1.5°

4 - 2.0°

5 - 2.5°

6 - 3.0°

7 - 3.5°

8 - 4.0°

Press “SET” button to make selection and save.



0800 143 143  
info@knightgroup.co.nz  
**knightgroup.co.nz**