ErGear

48” / 63” Electric Standing Desk

Instruction Manual

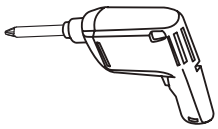
Rev02(A)

EGESD5B / EGESD5V / EGESD5N
EGESD7B / EGESD7V / EGESD7N



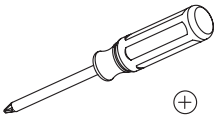
Technical Support:
(US/CA) 1-800-651-9525 Mon–Fri, 8am–8pm (CST)
(UK) 44-808-196-3875 Mon–Fri, 2pm–10pm (UTC)
Other Info: support@ergear.com
Website: https://ergear.com

Tools Needed (Not Included)



Drill

OR



Phillips Screwdriver

Specifications

Height Adjustment Range
28.3”–46.5” (72-118cm)

Power Input
100V-240V

Max. Speed
20mm/s

Operating Noise
＜55dB



Max. Load
176 lbs / 80 kg

Step 1

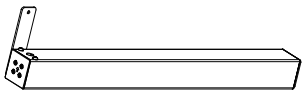
Supplied Parts and Hardware

01 x 1



Crossbar

02 x 1



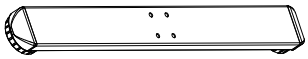
Left Desk Leg

03 x 1



Right Desk Leg

04 x 2



Leg Base

A x 4



Bolt
M6 x 11mm

B x 8



Bolt
M6 x 35mm

C x 1

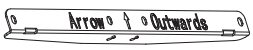


Large Allen Wrench
3/16” (5mm)

Step 2

Supplied Parts and Hardware

05 x 2



Side Plate

06 x 1



Transmission Rod

A x 4



Bolt
M6 x 11mm

C x 1



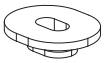
Large Allen Wrench
3/16″ (5mm)

D x 1



Small Allen Wrench
5/64″ (2mm)

E x 10

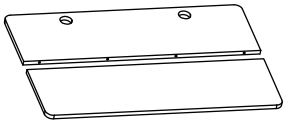


Rubber Pad

Step 3

Supplied Parts and Hardware

07 x 1



Desktop

F x 4



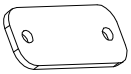
Screw
M5 x 16mm

G



Wood Dowel Pin
x 4 (for 48″)
x 6 (for 63″)

H x 2



Desktop Panel Connector

NOTE: Two extra wood dowel pins are provided for the longer 63″ desk.

Step 4

Supplied Parts and Hardware

F x 16



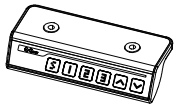
Screw
M5 x 16mm

I x 2



Storage Hook

08 x 1

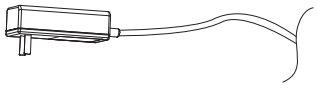


Controller

Step 5

Supplied Parts and Hardware

09 x 1



AC Adapter

J x 2

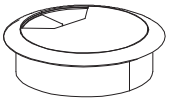


Cable Clip

Step 6

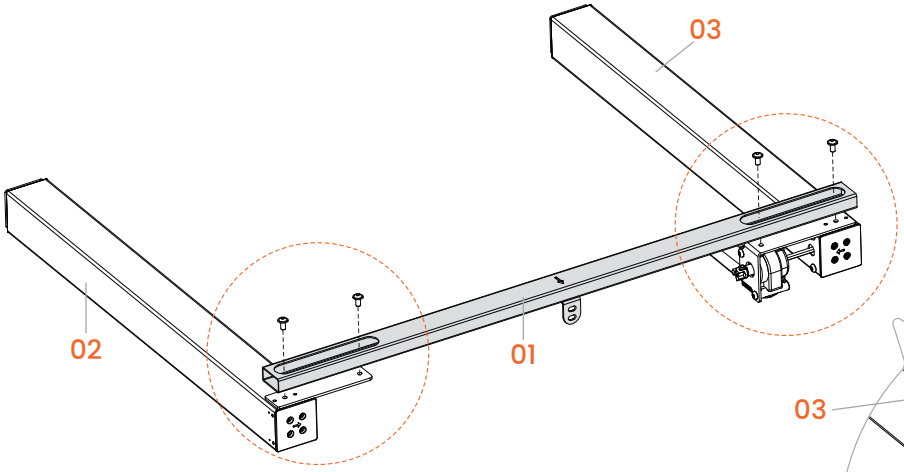
Supplied Parts and Hardware

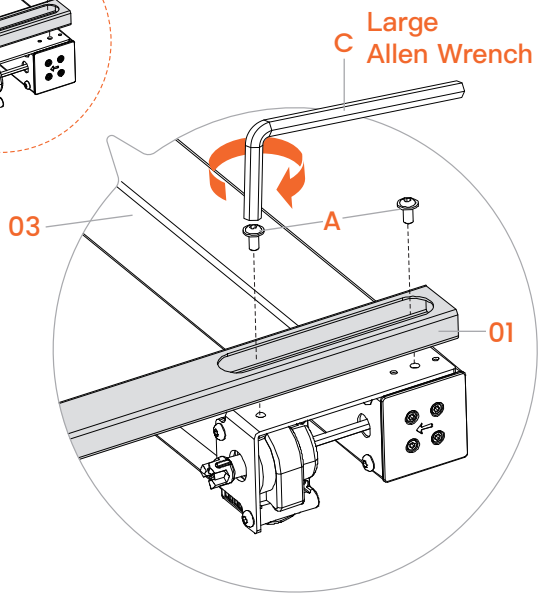
K x 2



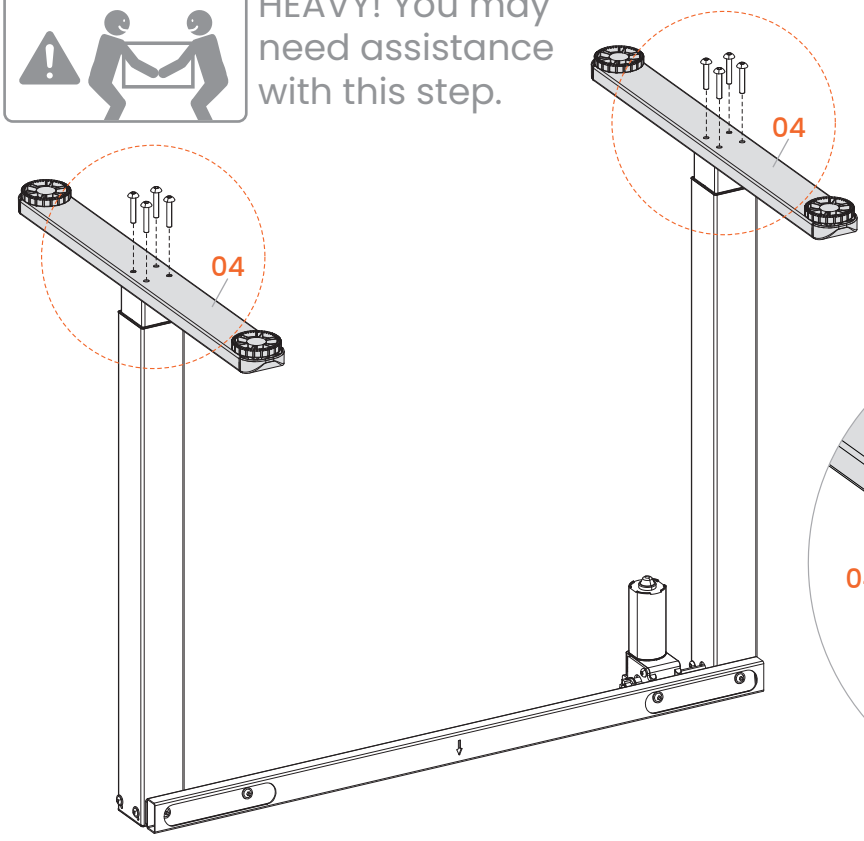
Cable Hole Cover

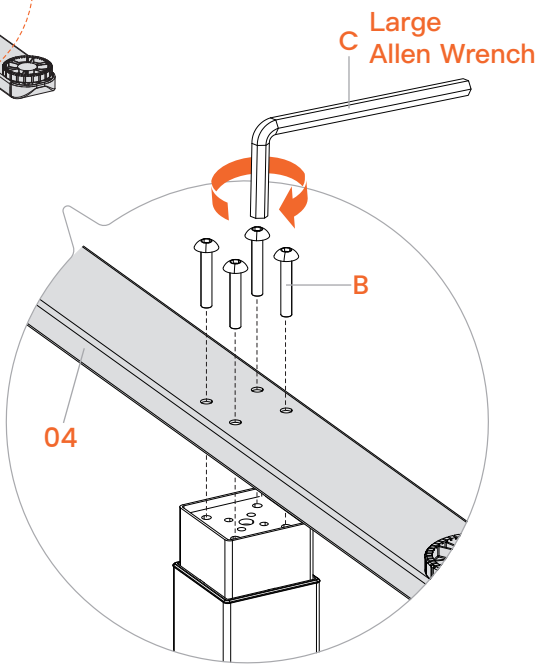
Step 1 Assembling and Connecting the Desk Legs



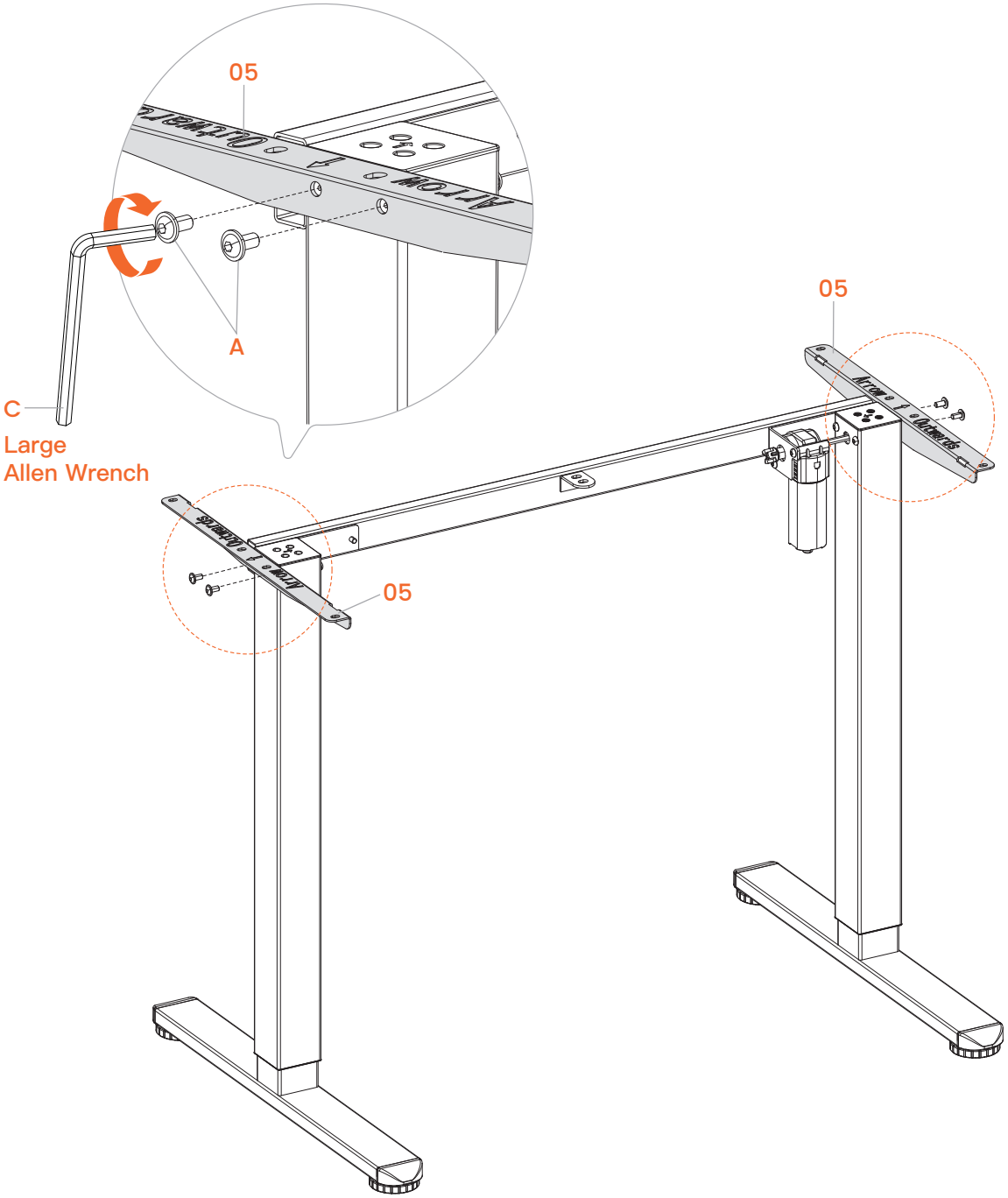


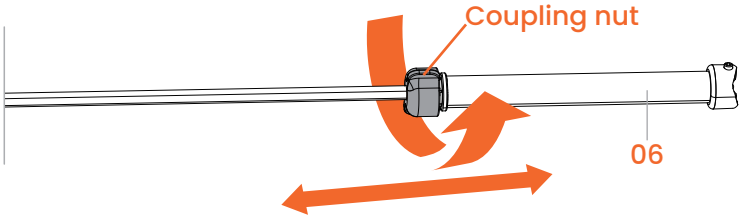
HEAVY! You may need assistance with this step.





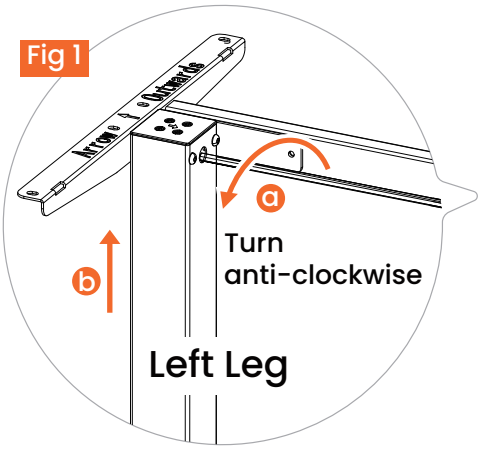
Step 2 Attaching the Side Plates and the Transmission Rod





Loosen the coupling nut.

Fig 1



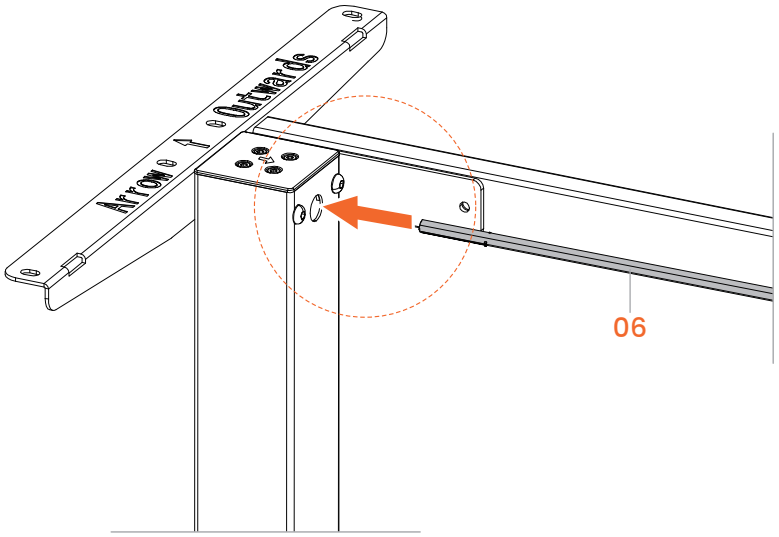
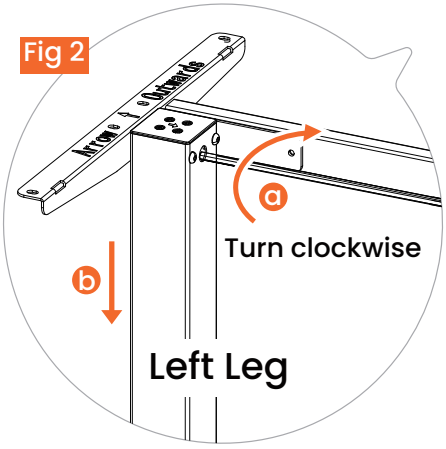
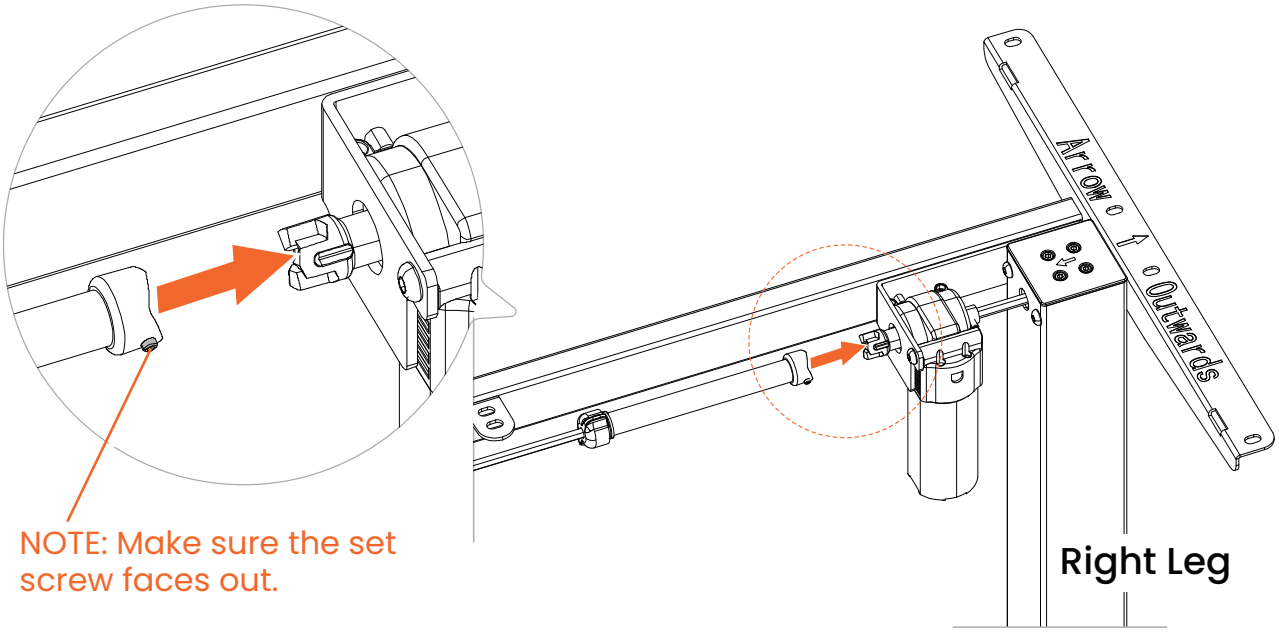


Fig 2

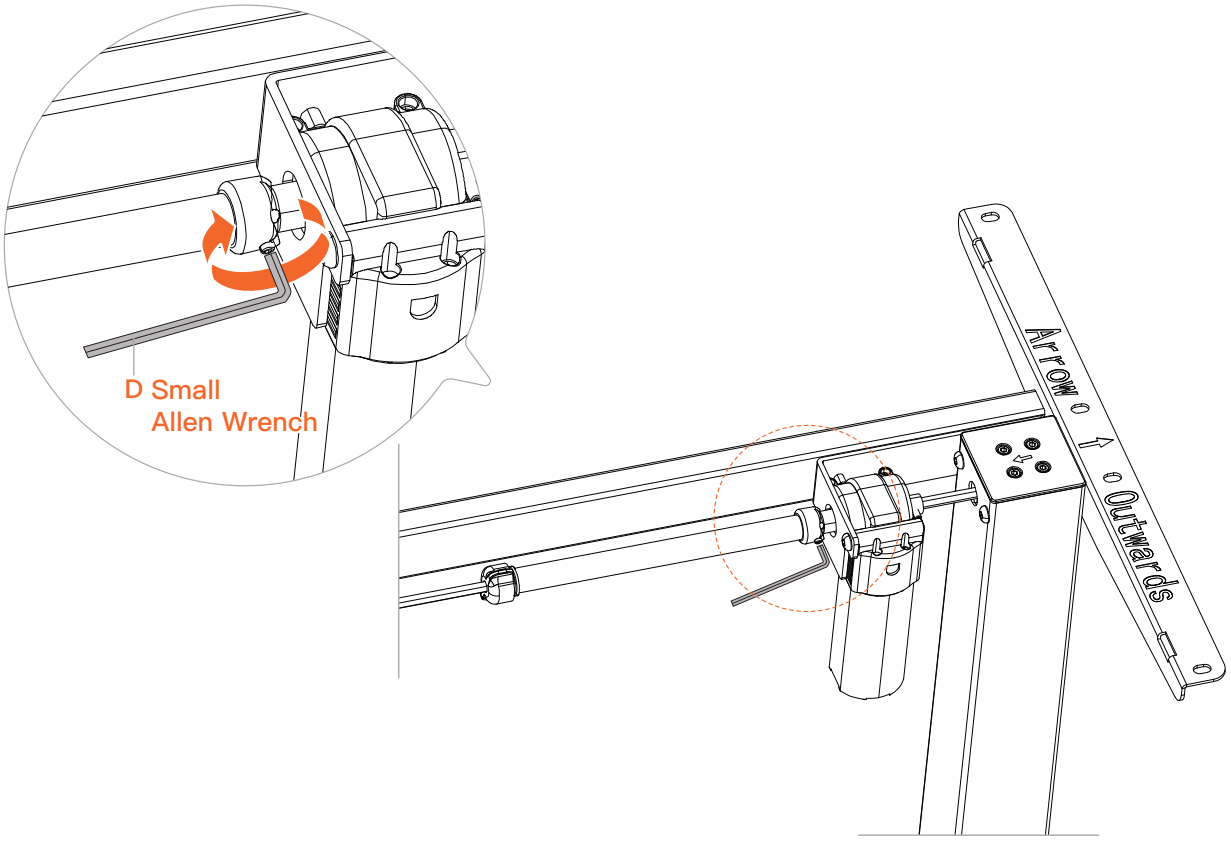


Before attaching the transmission rod, measure the heights of the two desk legs to see if they are set at the same level. If not, insert the transmission rod into the hole in the left leg. Turn the rod to adjust the left leg so it's level with the right leg. Turn the rod clockwise to lower the left leg or anti-clockwise to raise it.

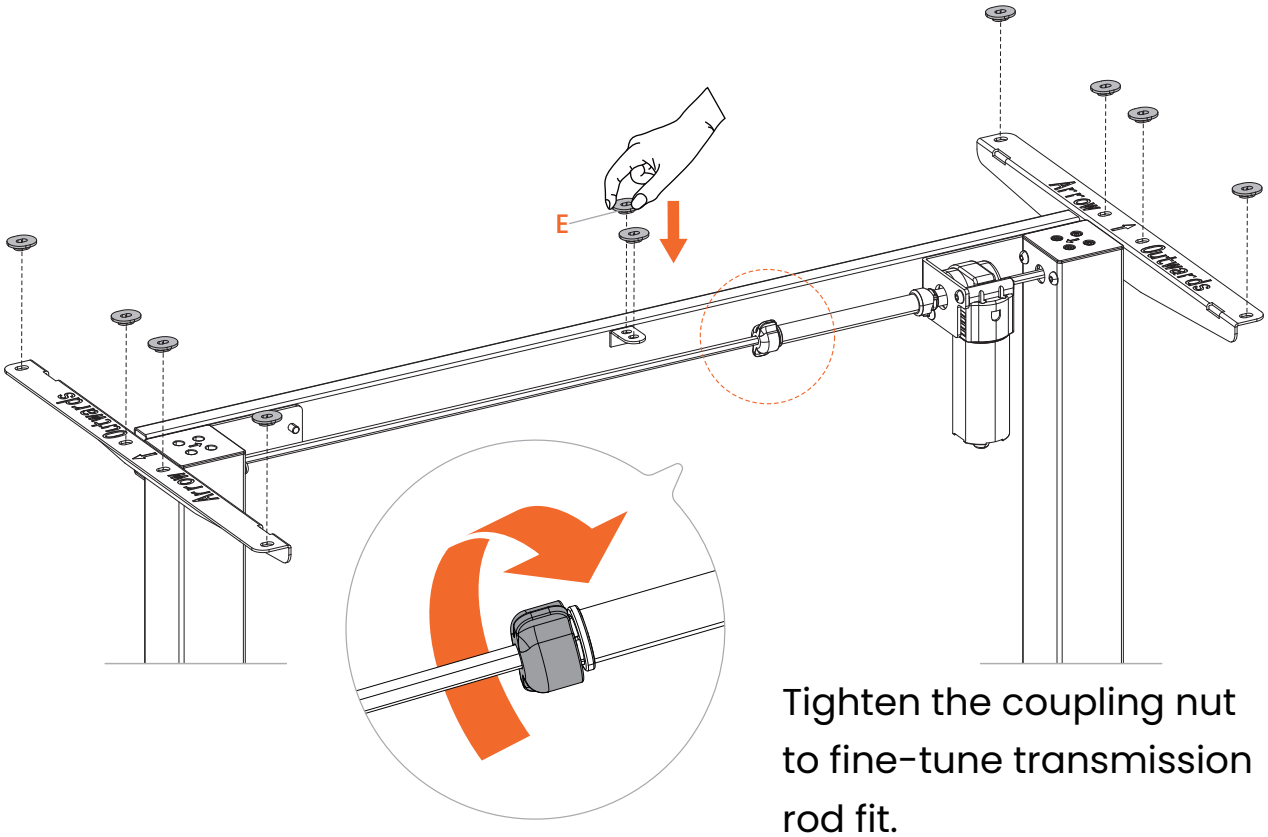


NOTE: Make sure the set screw faces out.

Ensure the transmission rod is properly inserted into the hole in the left leg. Smoothly connect the other end of the rod to the end of the motor drive shaft on the right leg.



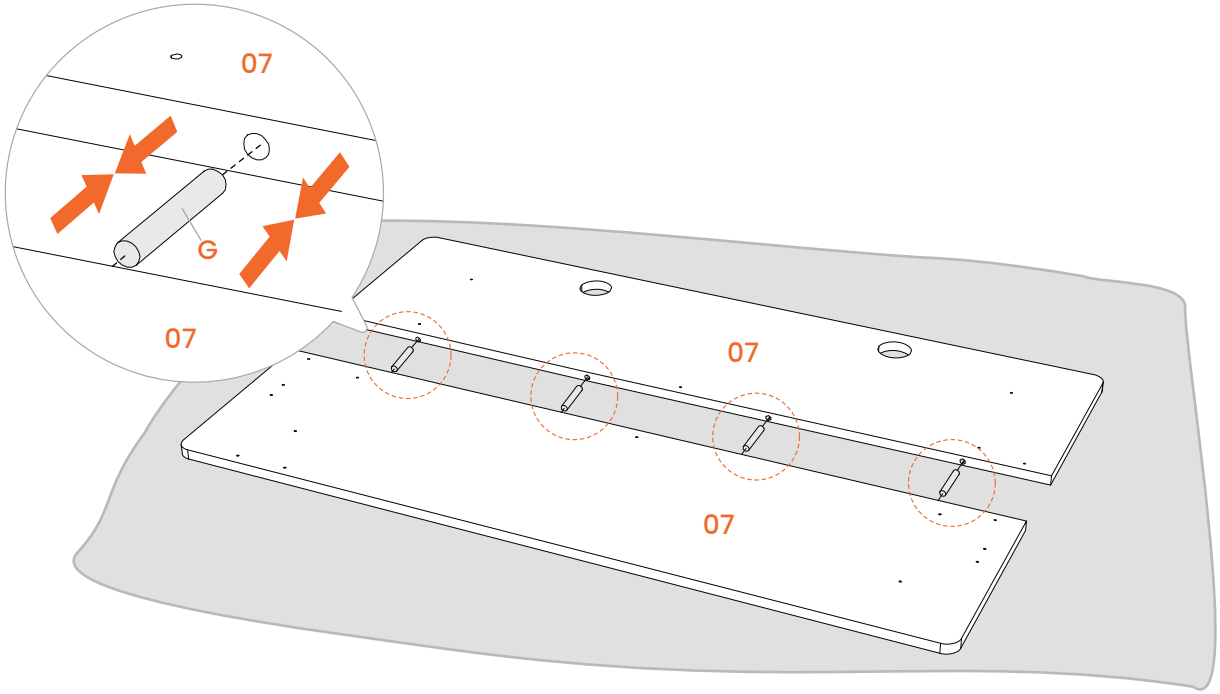
Secure the transmission rod to the motor drive shaft by turning the set screw clockwise.



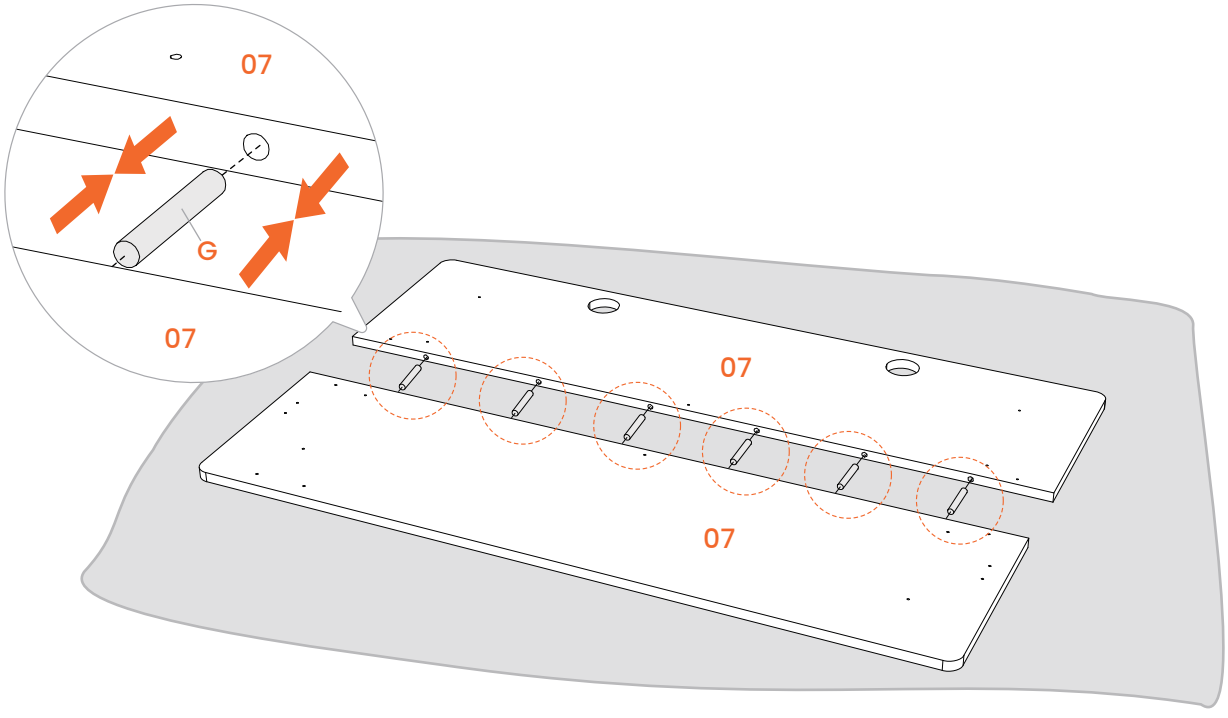
Tighten the coupling nut to fine-tune transmission rod fit.

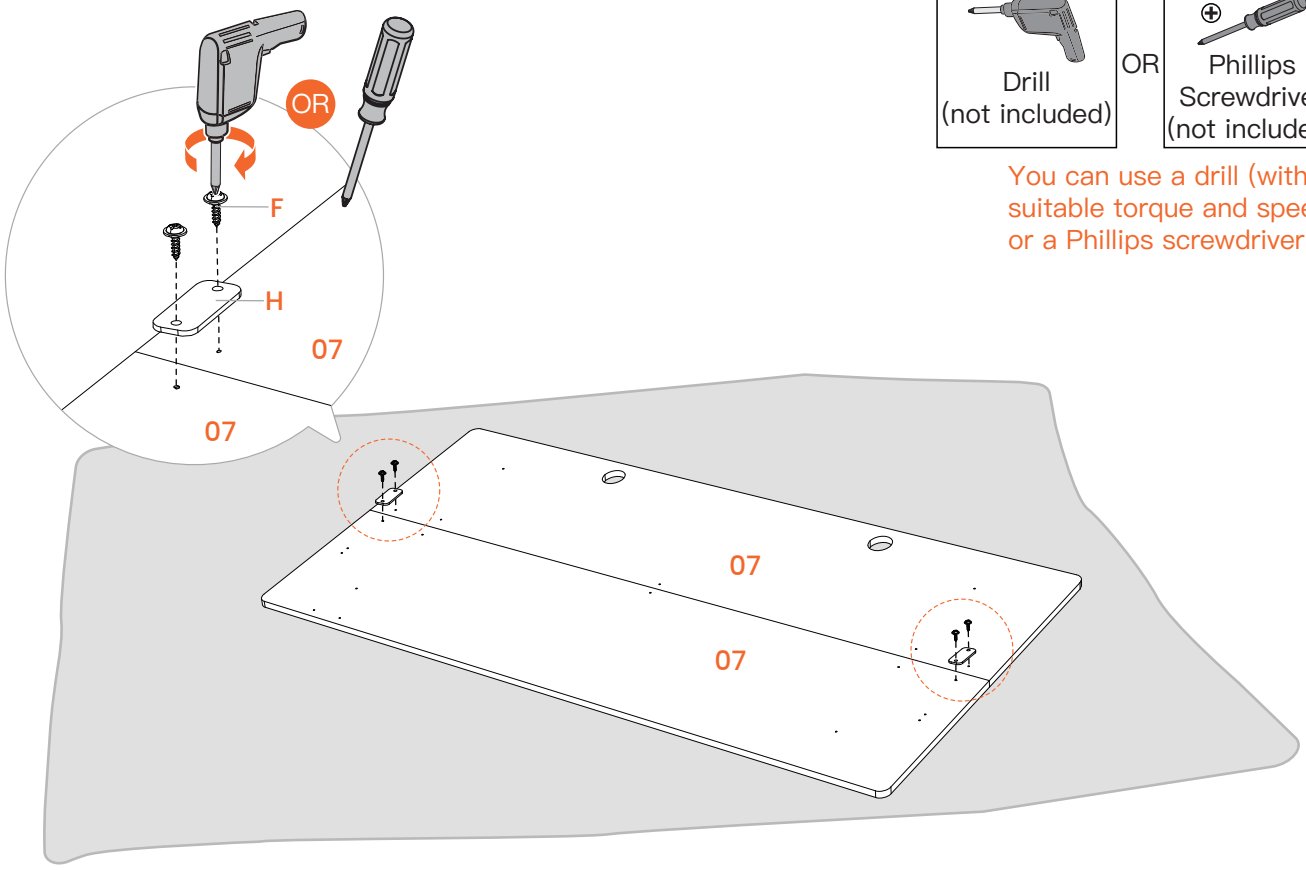
Step 3 Assembling the Desktop

For the 48″ long desk, use the four wood dowel pins to join the two desktop panels together.



For the 63″ long desk, use the six wood dowel pins to join the two desktop panels together.



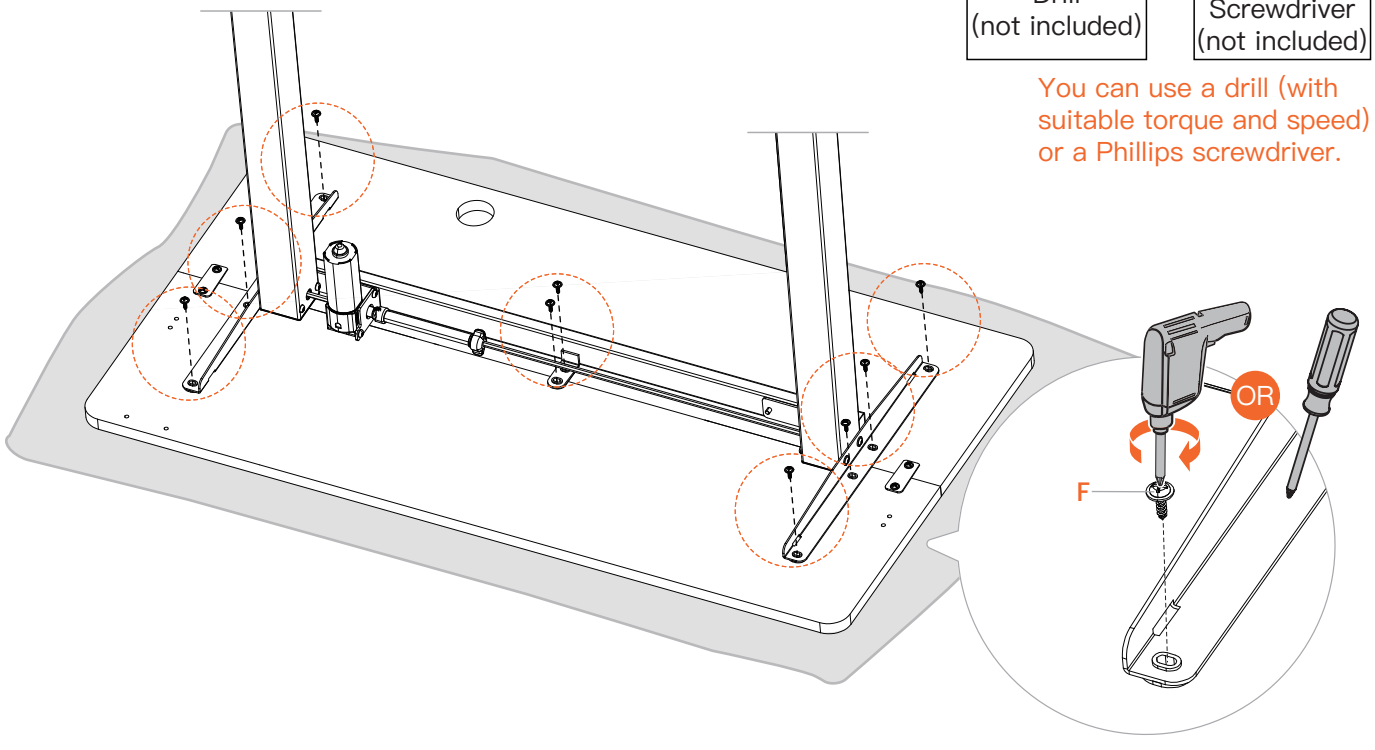


Drill (not included) OR Phillips Screwdriver (not included)

You can use a drill (with suitable torque and speed) or a Phillips screwdriver.

Step 4 Attaching the Desktop

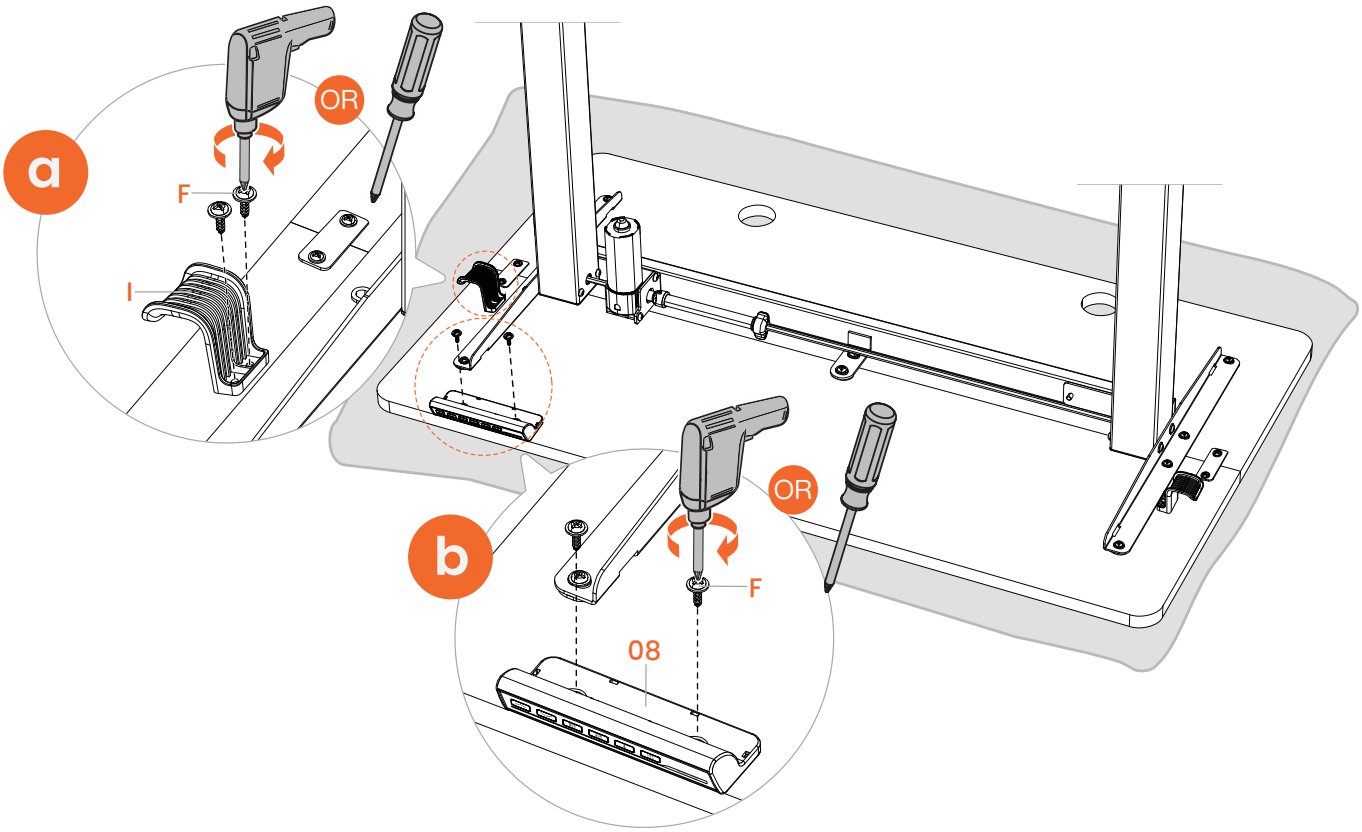
Attach the desktop to the frame.



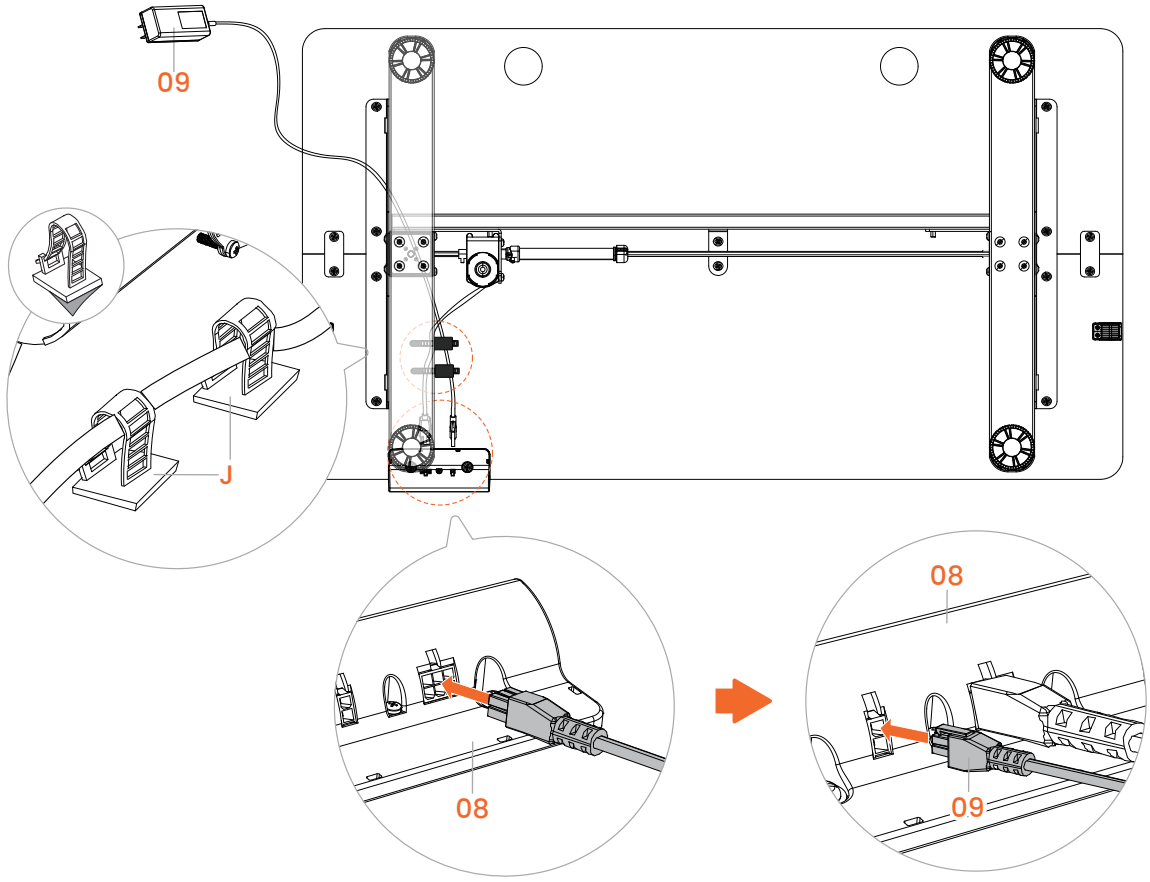
Drill (not included) OR Phillips Screwdriver (not included)

You can use a drill (with suitable torque and speed) or a Phillips screwdriver.

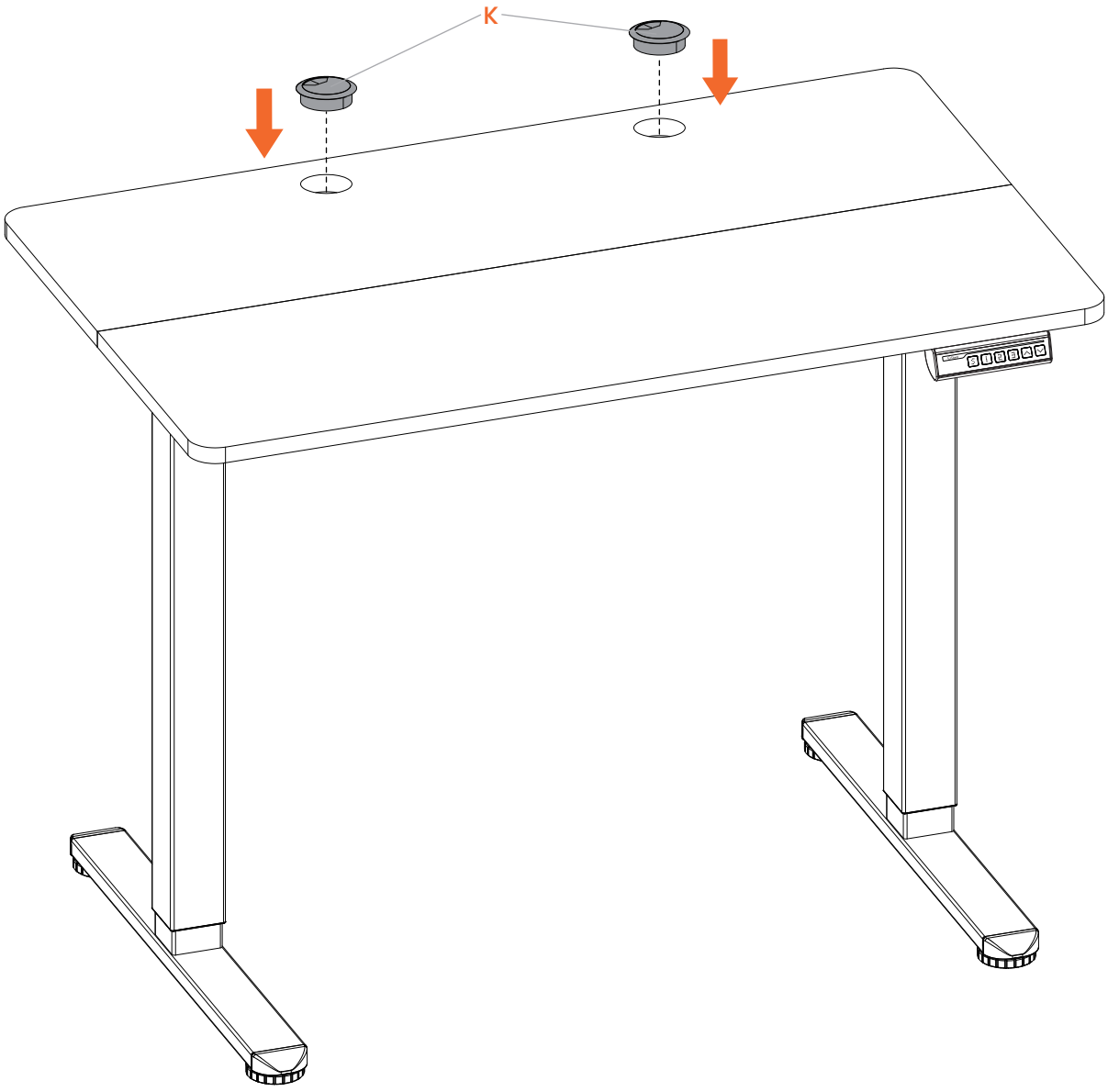
Attach the controller and hooks to the desktop.



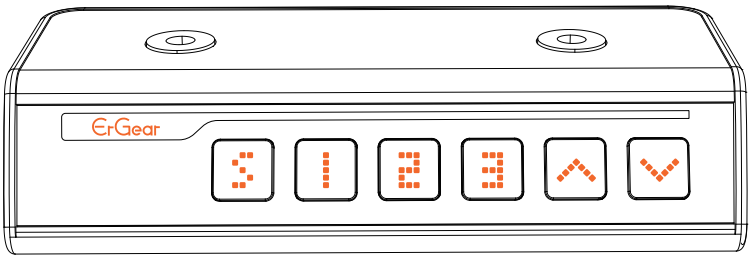
Step 5 Connecting the Cables



Step 6 Installing the Cable Hole Covers



Using the Controller



- **Save Current Height Setting**

  Short-press the S button, and the display will flash. Press the 1, 2, or 3 button to save the current height setting to that button.

- **Select Height Setting 1**

  Press the 1 button, and the desk will move to the height that was previously set for that button.

- **Select Height Setting 2**

  Press the 2 button, and the desk will move to the height that was previously set for that button.

- **Select Height Setting 3**

  Press the 3 button, and the desk will move to the height that was previously set for that button.

- **Raise the Desk**

  Press the ^ button to raise the desk continuously until it reaches the highest position of 46.5” (118cm) or the button is released.

- **Lower the Desk**

  Press the v button to lower the desk continuously until it reaches the lowest position of 28.3” (72cm) or the button is released.

Settings	
Change Display Height Units	Press and hold the S button until a flashing 'S-' is displayed. Press S again, and 'Un' is displayed. Press S to select it, press ∧ or ∨ to switch between 'IN' (imperial) and 'SI' (metric), and press S to save your choice.
Change Collision Detection Sensitivity	Long press the S button, 'S-' shows and flashes. Press S again and the display shows 'Un.' Press ∧ or ∨ to switch to 'CF.' Press S to select. Press ∧ or ∨ to switch between 'OFF,' Low (L), Normal (n) or Heavy (H) collision force detection. Press S to save your choice.
Reset	Press and hold the ∨ button for 5 seconds, and the screen will show 'RES.' Continue holding until the desk goes down to its lowest level and comes back up slightly.

Protection Mode Error Codes	
Hot	Overheating Protection: When the motor has been working continuously for 2 minutes, it will stop operating to prevent damage from overheating. Wait for at least 18 minutes before making any further height adjustment.
E10	Sensor Malfunction Warning: Motor safety sensor can't be detected. Power off, check the connection between the motor and controller, and power back on again.
E20	Overloading Warning: Max load exceeded. If raising the desk, take the things off the desk and try again. If lowering the desk, power off, take the things off the desk, power back on, and try again.
E02	Operation Status Warning: The desk stops moving if vibration, impact, or incline are detected. If this detection is incorrect, follow the reset instructions before continuing use.

E32	Overvoltage Protection: Input voltage too high. If the correct AC adapter is being used, power off the desk, check the connection between power and the controller, and power on again.
E31	Undervoltage Protection: Input voltage too low. If the correct AC adapter is being used, power off the desk, check the connection between power and the controller, and power on again.
E60	Unequal Leg Height Warning: Power off the desk and check whether the left and right legs are at the same height. Adjust if necessary by following the instructions. Power on again.
–	Cable Disconnection Warning: Check motor and controller cable connections. Normal operation should return once all connectors are properly connected.

Complete Flexibility.
Total Freedom.

Thank you for choosing this product. We strive to provide you with the best quality products and service in the industry. Should you have any issues, please don't hesitate to contact us.

Technical Support

(US/CA) 1-800-651-9525 Mon–Fri, 8am–8pm (CST)
(UK) 44-808-196-3875 Mon–Fri, 2pm–10pm (UTC)

Other Info

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