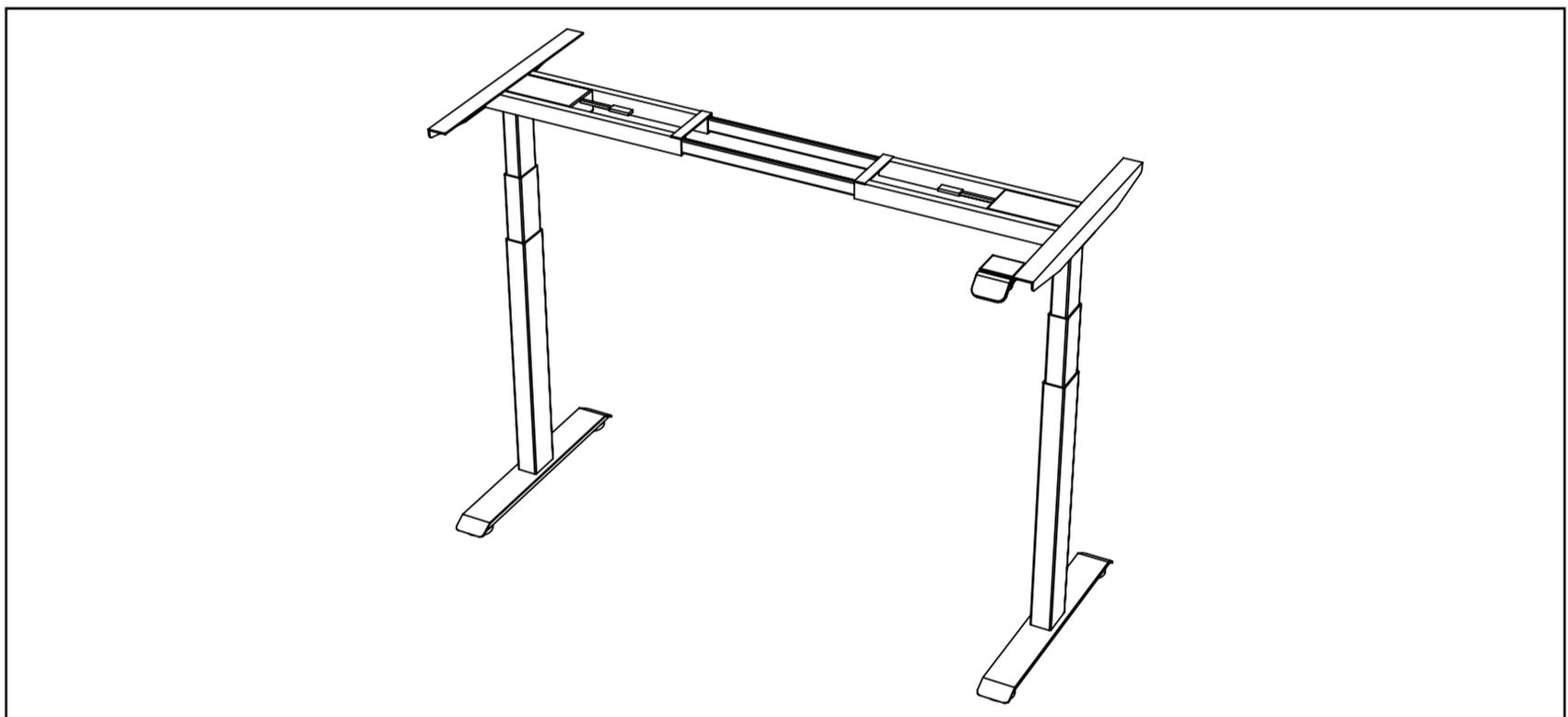


# BELAIR

## Electric Height Adjustable Base

BWHA-2LEG2M

### Assembly and User Guide



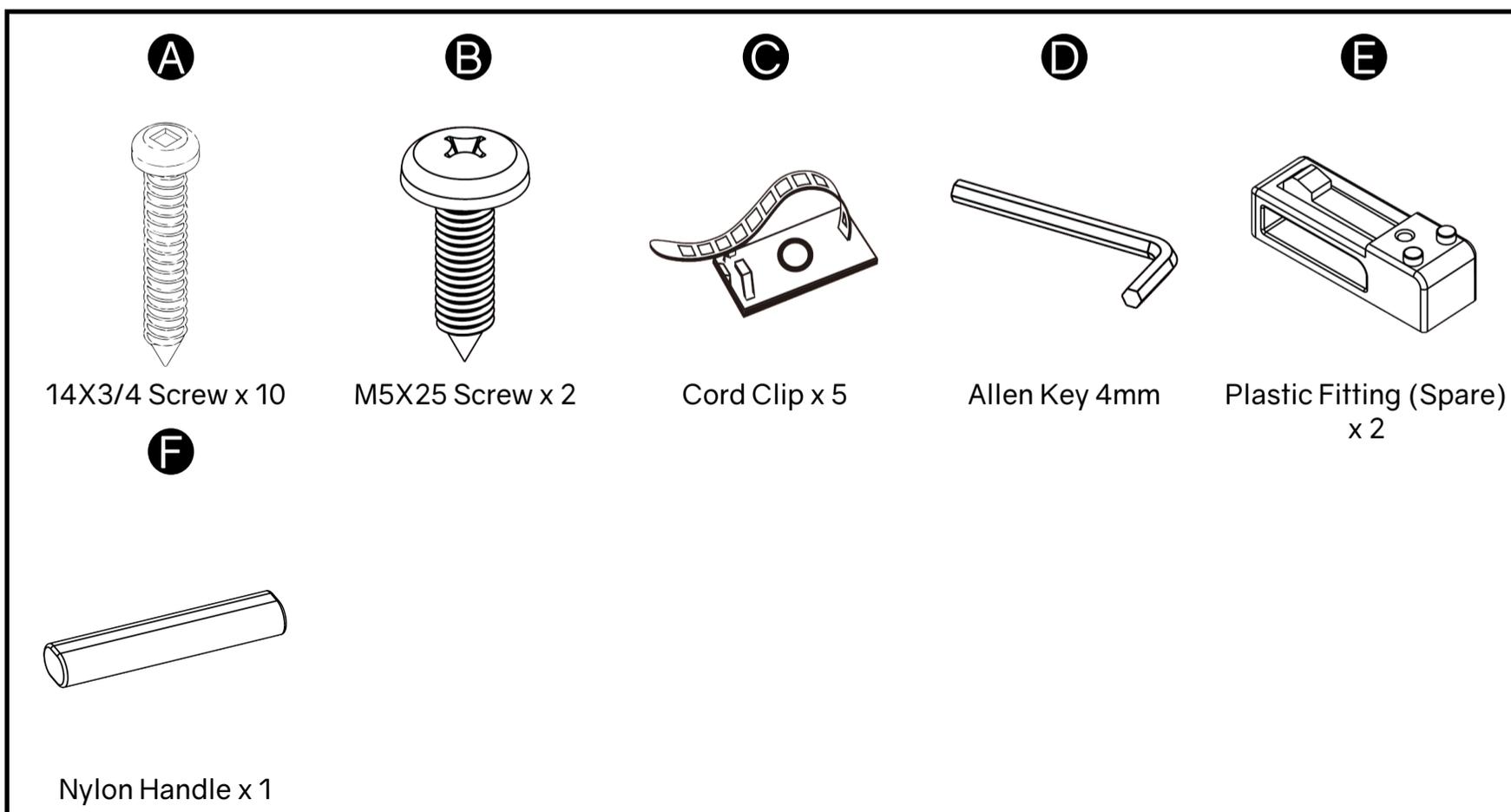
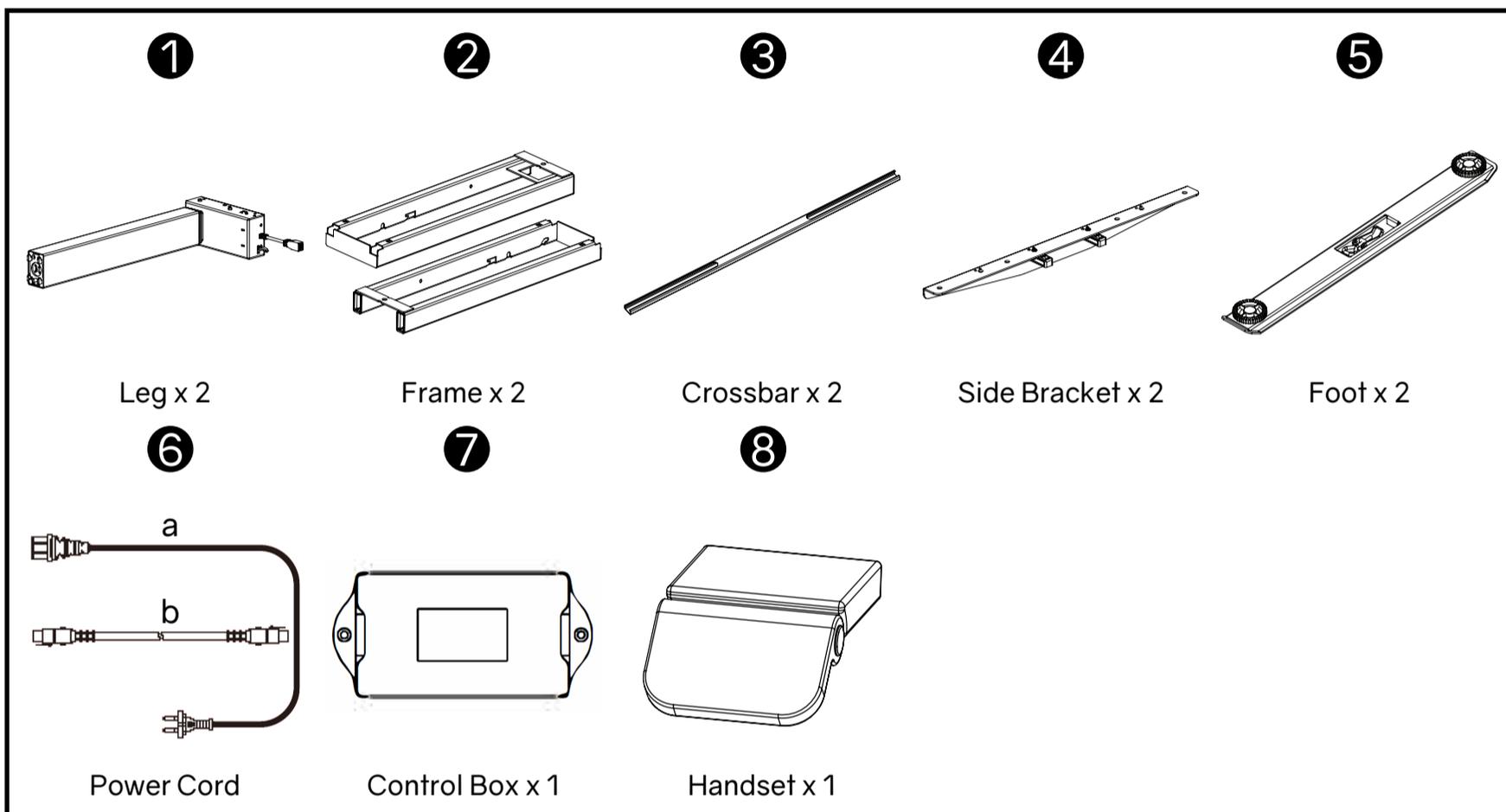
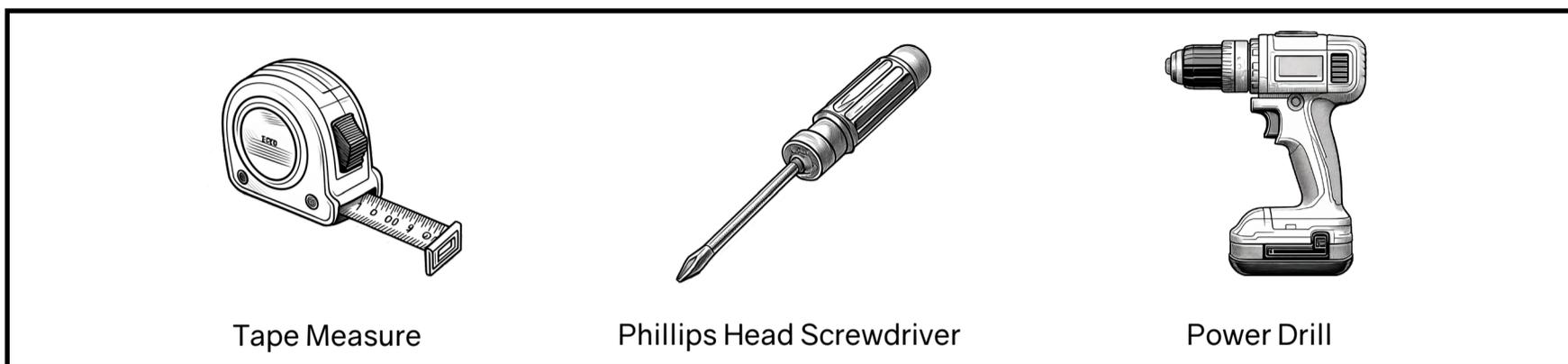
**CAUTION**

MAKE SURE NO OBSTACLES ARE IN THE DESK'S PATH AND ALL CORDS ARE OF APPROPRIATE LENGTH FOR DESK TRAVEL. FAILURE TO COMPLY WITH OR OBSERVE ALL ASSEMBLY, SAFETY, AND OPERATION INSTRUCTIONS AND WARNINGS REGARDING THE USE OF THIS PRODUCT MAY RESULT IN SERIOUS PROPERTY DAMAGE AND BODILY INJURY.

#### **IMPORTANT**

Any user or installer of this base should study this manual carefully. If this desk is sold, please provide a copy of this manual to the customer.

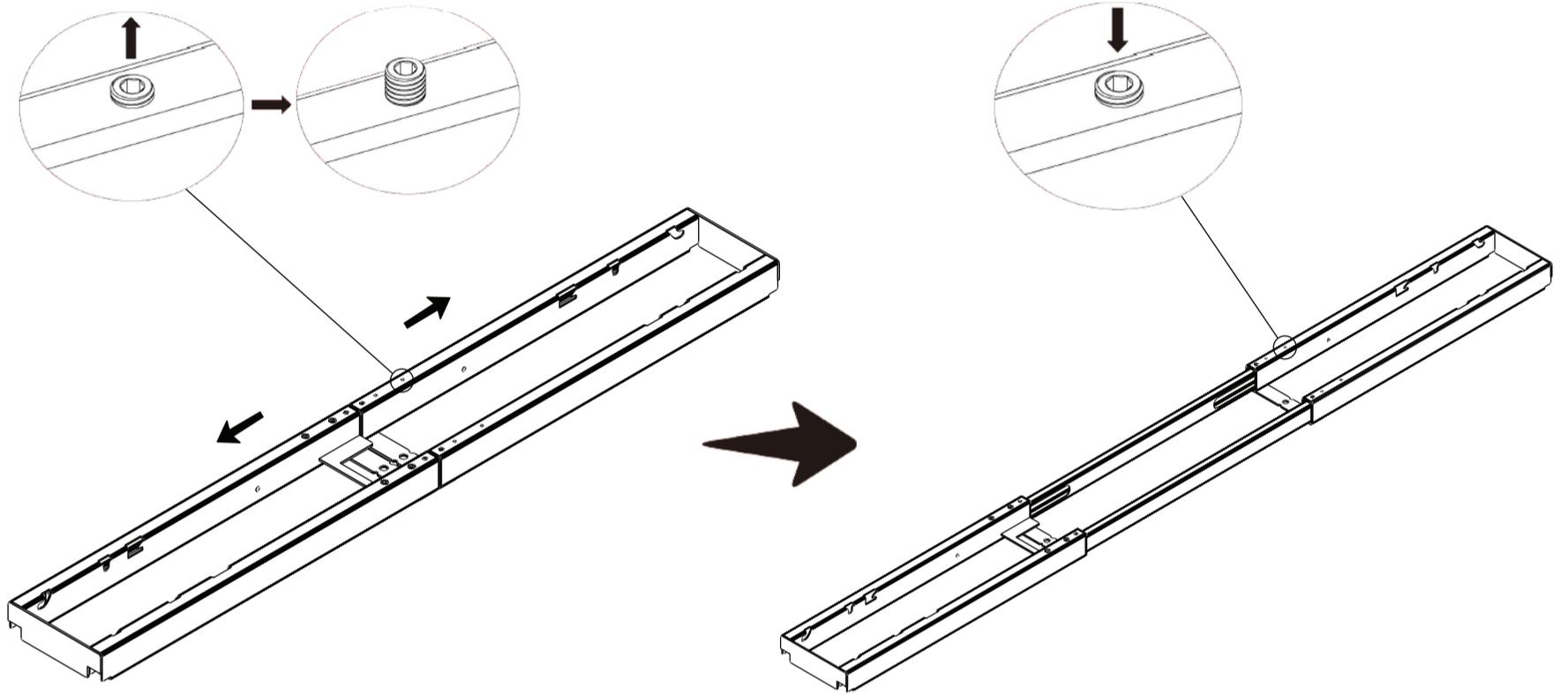
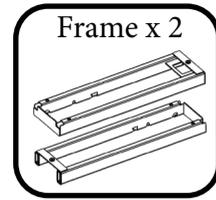
# 1. PARTS LIST



## 2. ASSEMBLY INSTRUCTIONS

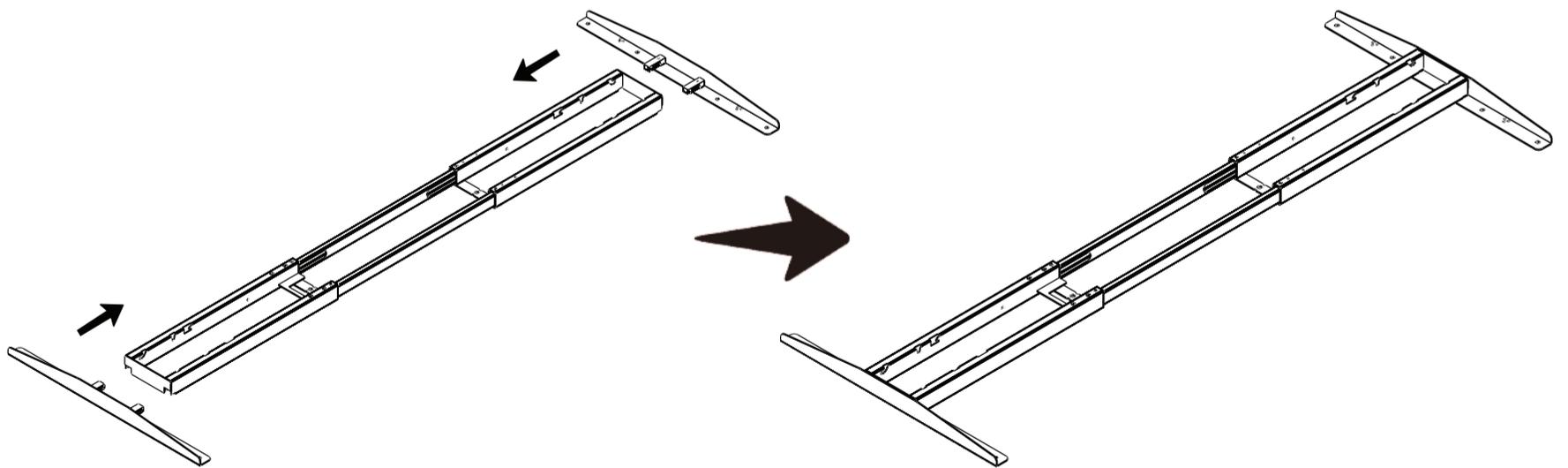
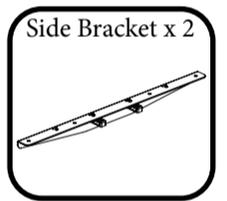
### 1 Extend the Frame

- Loosen the screws using the Allen key provided.
- Extend the frame to the desired length.
- Tighten the screws.



### 2 Attach Side Brackets

- The side bracket snaps into the frame.

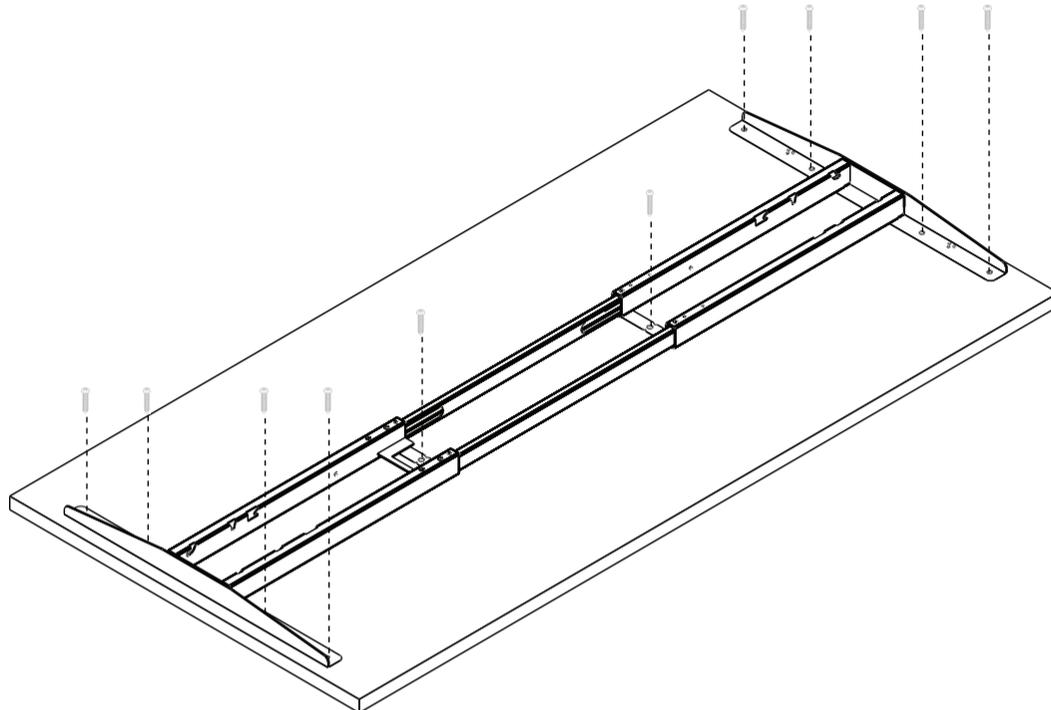


### 3 Attach Base to Work Surface

14x3/4 Screw x 10



- Attach the base to the work surface with 14x3/4 screws (A).
- There are no pre-drilled holes so you will need to use a measuring tape to center the base on the work surface.



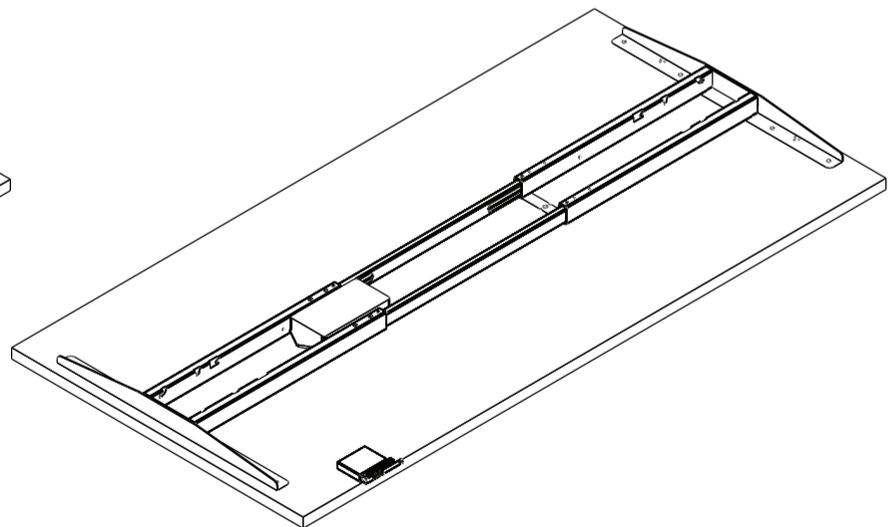
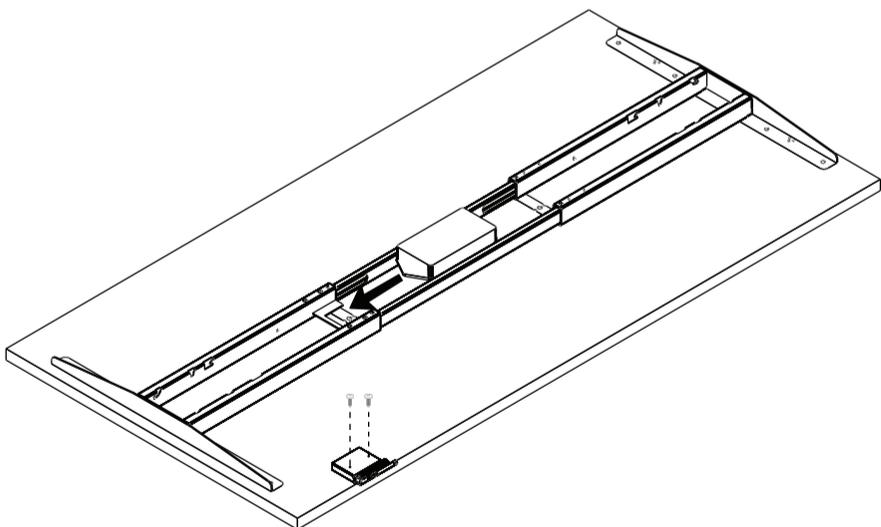
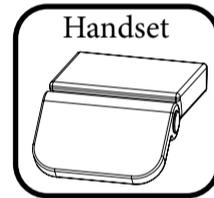
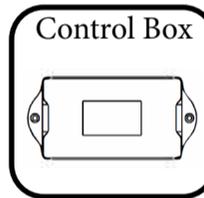
### 4 Attach Control Box & Handset

Control Box

Handset

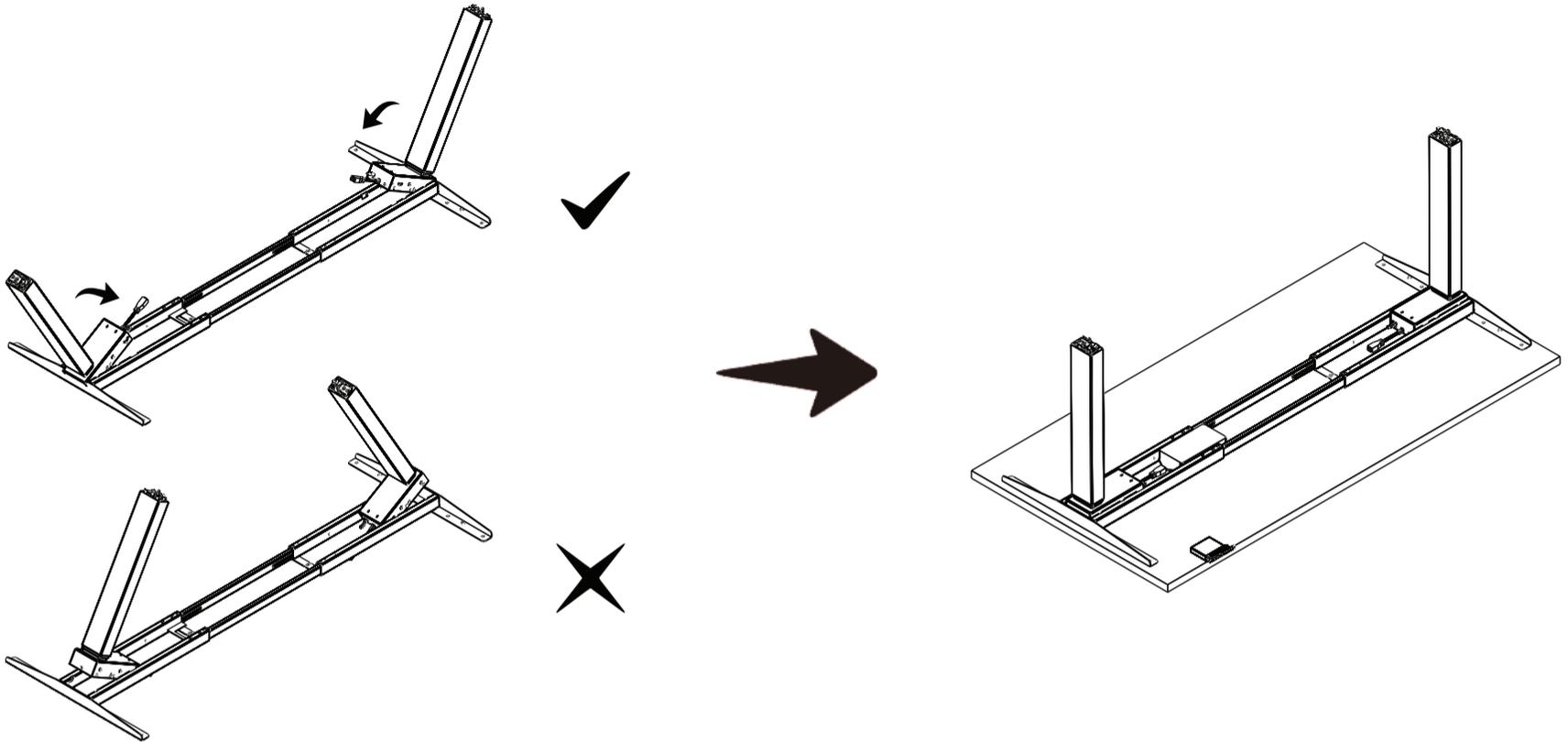
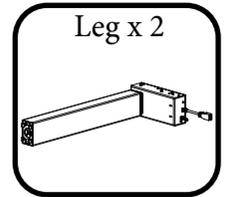
M5X25 Screw x 2

- Insert the Control Box (7) controller into the frame.
- Attach the Handset (8) to the work surface with M5X25mm (B) screws.



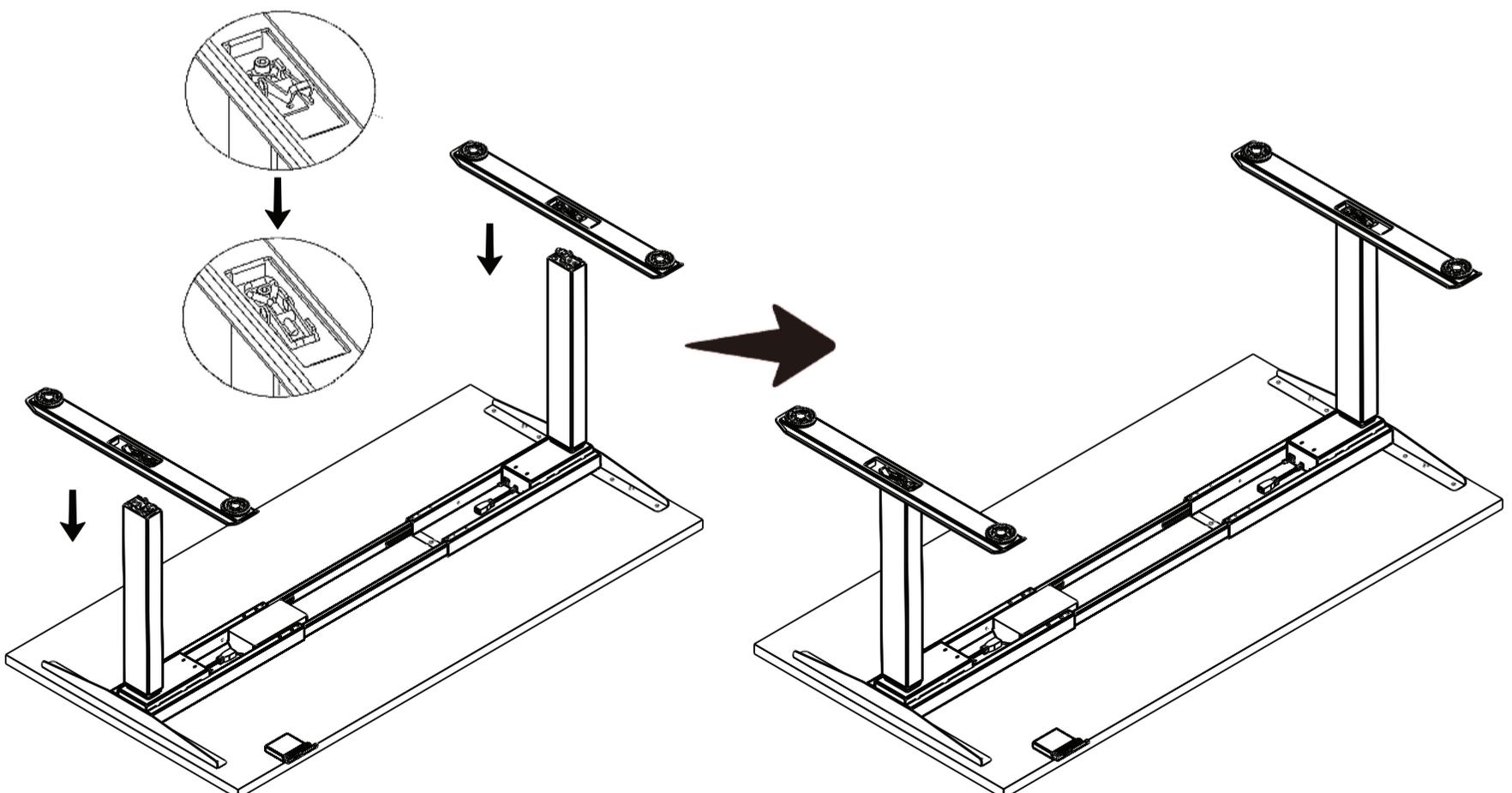
## 5 Attach Legs to Frame

- Insert leg into frame and slot into position.
- Use the quick-install frame and mechanism to secure the leg. The mechanism will automatically lock the leg in place.



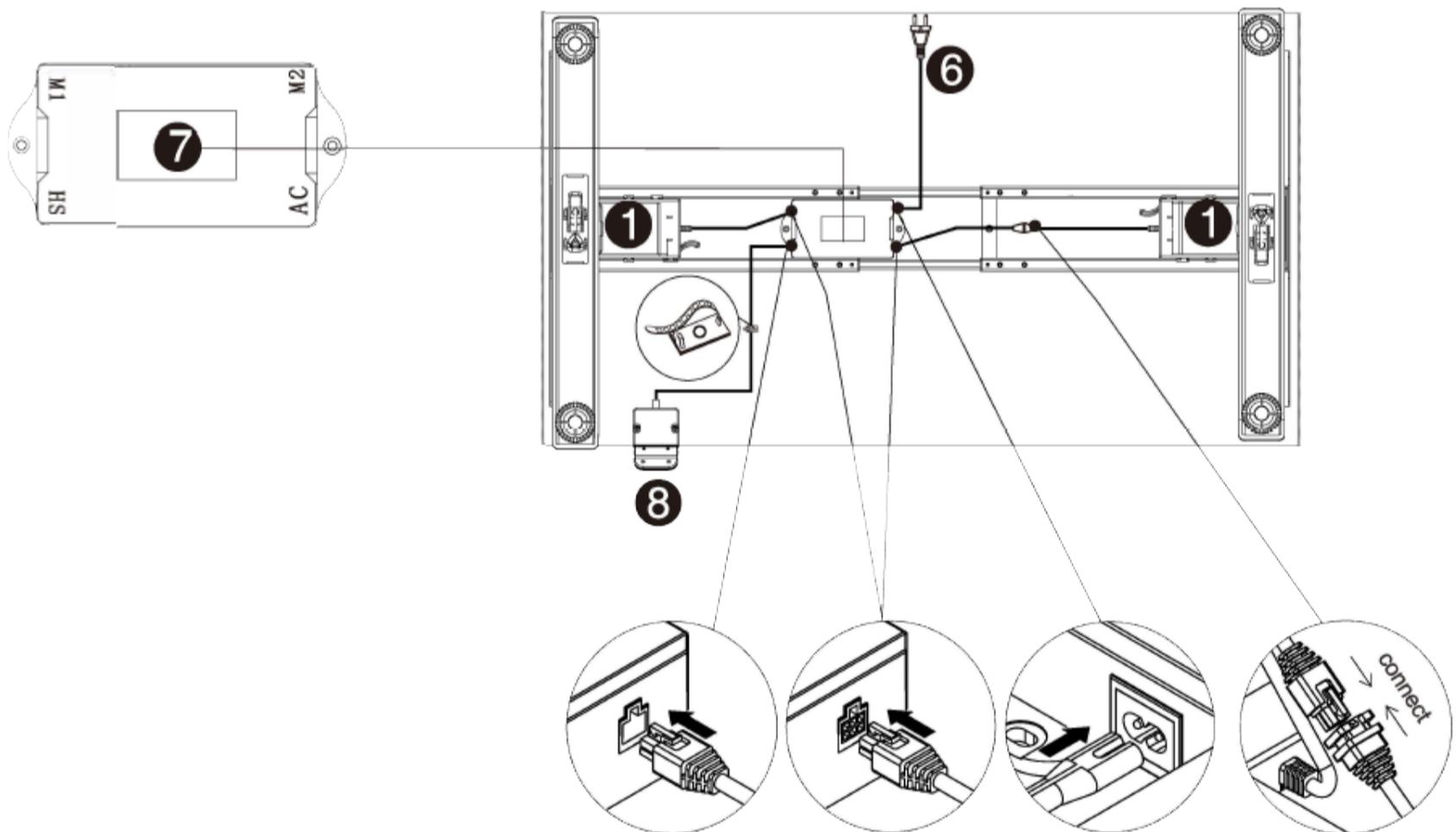
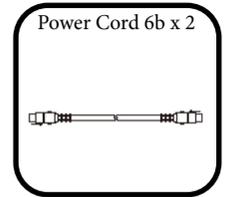
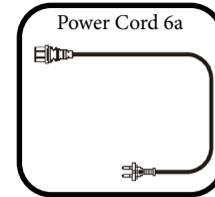
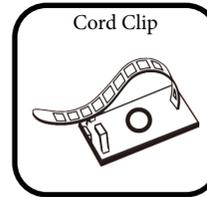
## 6 Attach Foot

- Put the foot on the leg.
- Use the quick-install mechanism to clamp the foot into position.



## 7 Connect Cords to the Control Box

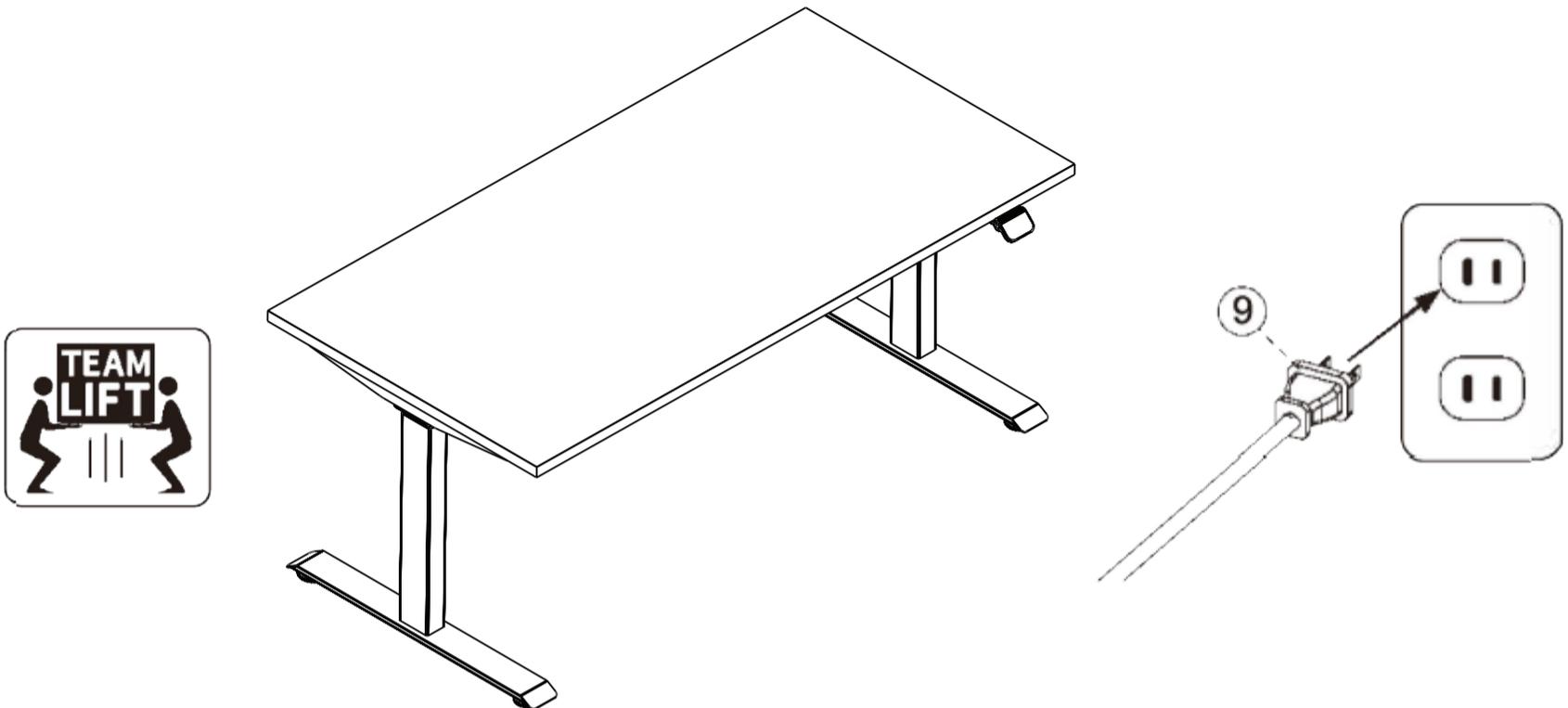
- Connect one of the Power Cords 6b from the first Leg (1) to the Control Box (7) M1.
- Connect the other Power Cord 6b from the second Leg (1) to the Control Box (7) M2.
- Connect the Handset (8) to the Control Box (7) HS port.
- Connect the Power Cord 6a to the Control Box (7) AC port.
- To keep the cords tidy use the provided Cord Clips (C).



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## 8 Flip Desk Upright and Connect Power

- a. With the desk at its lowest height turn the assembled desk right-side up with the help of at least one other person.
- b. Plug the Power Cord (9) into a 110-240v outlet.



NOTE: Grab the desk frame, not the work surface, and turn the desk right-side up.

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## 9 Adjust the Leveling Feet

If necessary, adjust the leveling feet to level the desk.  
Unscrew to increase height, screw in to decrease height.

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## 10 Initialize

- a. Toggle down on the handset until the desk reaches the lowest position.
- b. Continue toggling down until it beeps. The desk reset is complete and your desk is now ready to use.



You must complete this initialization step or your base will not function properly.

## **UP and DOWN**

1. Toggle up on the handset to raise the desk.
2. Toggle down on the handset to lower the desk.

## **Menu Navigation**

1. Press and hold the right button for 5 seconds to enter the menu.
2. Toggling the handset up or down will scroll through the menu.
3. Pressing the right button will confirm the selection.
4. Pressing the left button will return to the previous menu.
5. If no selection is made within 10 seconds the menu will automatically close.

## **Storing and Using Presets**

1. Move the desk to the desired height.
2. Press and hold the right button for 5 seconds to enter the menu.
3. Toggle the handset to highlight the Height Memory submenu and press the right button to confirm your selection.
4. Toggle the handset to highlight either Preset 1 or Preset 2 and press the right button to confirm your selection.
5. Repeat this step until you have programmed both presets.
6. Press the left button to exit the menu.
7. Once you have both presets programmed you can select Preset 1 using the left button and Preset 2 using the right button.

## **Using Child Locks**

1. To lock the desk press and hold the left and right buttons at the same time until the screen shows that it's locked.
2. To unlock the desk repeat the process.

## **Set the Minimum & Maximum Heights**

1. Move the desk to your desired highest/lowest position.
2. Press and hold the right button for 5 seconds to enter the menu.
3. Toggle the handset to highlight the Height Limit submenu and press the right button to confirm your selection.
4. Toggle the handset to highlight either Highest or Lowest and press the right button to confirm your selection. (Choosing "Clean" will clear the settings.)
5. Press the left button to exit the menu.

## **Anti-Collision Protection**

**When the desk encounters an obstacle while being raised or lowered it will immediately move in the opposite direction.**

1. To change the sensitivity, enter the menu by pressing and holding the right button for 5 seconds.
2. Toggle the handset to highlight the General submenu and press the right button to confirm your selection.
3. Toggle the handset to highlight the Up Current or Down Current submenu and press the right button to confirm your selection.
4. Toggle the handset to highlight the desired sensitivity level and press the right button to confirm your selection. (Level 1 is the least sensitive and Level 8 is the most sensitive.)
5. Press the left button to exit the menu.

## **Re-Initialize**

**If the base stops working or the handset displays a warning the table will need to be reset.**

1. Toggle down on the handset until the desk reaches the lowest position.
2. Continue toggling down until it beeps. The desk reset is complete and your desk is now ready to use.

## **Changing Units (INCH/CM)**

1. Press and hold the right button for 5 seconds to enter the menu.
2. Toggle the handset to highlight the General submenu and press the right button to confirm your selection.
3. Toggle the handset to highlight the Unit submenu and press the right button to confirm your selection.
4. Toggle the handset to highlight CM or INCH and press the right button to confirm your selection.
5. Press the left button to exit the menu.

## **Reset Settings**

1. Press and hold the right button for 5 seconds to enter the menu.
2. Toggle the handset to highlight the General submenu and press the right button to confirm your selection.
3. Toggle the handset to highlight the Reset All submenu and press the right button to confirm your selection.
4. Toggle the handset to highlight YES or NO and press the right button to confirm your selection.
5. Press the left button to exit the menu.

## **Set Base Height**

1. Press and hold the right button for 5 seconds to enter the menu.
2. Toggle the handset to highlight the General submenu and press the right button to confirm your selection.
3. Toggle the handset to highlight the Base Height submenu and press the right button to confirm your selection.
4. Toggle the handset to select the correct height and press the right button to confirm your selection.
5. Press the left button to exit the menu.

## 4. Error messages on the handset's display

Error Code	Description	Solution
E01	Main voltage over 45v	Check the main power supply
E02	Height deviation between screws more than 1 cm	Re-initialize
E04	Handset connection or communication error	Check the handset cord
E05	Display when blocked	Release the button and re-run
E06	Main startup unsuccessful, below 20v	Replace the main power supply or check the main power connection cord
E07	Protection during main operation below 20v	Re-power up
E08	Tilt when desktop is running	Re-initialize
HOT	Power supply is too hot, or runs for more than 2 minutes in an 18 minute period	Wait for the power supply temperature to drop, or let the system rest for 18 minutes before running again
E11	Motor 1 not connected	Check the connection cord
E12	Motor 1 current sampling channel error	Replace control board
E13	Motor 1 is missing a phase and one wire is disconnected	Check whether the motor phase wire connection is abnormal
E14	Motor 1 Hall error, or Hall line disconnected	Check the Hall signal or replace the connecting cord
E15	Motor 1 internal short circuit	Replace motor
E16	Motor 1 stalled	Re-initialize
E17	Motor 1 Wrong direction or rotation	Swap motor cords or hall cords
E18	Motor 1 Too much load, overload	Reduce loads
E21	Motor 2 not connected	Check the connection cord
E22	Motor 2 current sampling channel error	Replace control board
E23	Motor 2 is missing a phase and one wire is disconnected	Check whether the motor phase wire connection is abnormal
E24	Motor 2 Hall error, or Hall line disconnected	Check the Hall signal or replace the connecting cord
E25	Motor 2 internal short circuit	Replace motor
E26	Motor 2 stalled	Re-initialize
E27	Motor 2 Wrong direction or rotation	Swap motor cords or hall cords
E28	Motor 2 Too much load, overload	Reduce loads
E40	Series connection has controller dropout	Check the connecting cord
E41	Error in series signal	Check the connecting cord or replace the controller
E42	Memory error	Replacement of controllers
E43	Stop sensor error in case of obstruction	Replacement of controllers

## CAUTION:

### SAFETY AND WARNINGS

- Inappropriate use of this product may cause property or bodily damage.
- Check the surroundings on all sides before using the desk. Make sure the desk does not touch the wall.
- Please unplug the power supply during lightning and when the product is not in use for a long time.
- Make sure NO obstacles are in the desk's path and no obstacles higher than 500 mm under the desk
- Keep the work environment temperature at 0-40 C and keep goods away from corrosive gases, liquids and dusty objects.
- Ensure the length of power cords is accounted for when operating the desk. Monitors, computers, speakers and anything with a cord that is not long enough for the desk's range of motion could be pulled down.
- Please provide this operation manual to any users, installers or support personnel operating this product. Read relevant operating instructions before using. The company does not take any responsibility for damage caused by the abnormal operations.
- This desk is height adjustable so that it can be positioned at the most ergonomically suitable height. These desks are designed only for the purposes included in this manual. They should not be used in environments with high humidity or dampness. Any other use is at the user's risk.
- Do not move around, crawl or lie under the desk frame. Do not sit or stand on the desk frame.
- Liability: Under no circumstances does the manufacturer accept warranty claims or liability claims for damages caused by improper use handling of the desk frame.

### SETUP AND INSTALLATION

Once the desk has been assembled, adjust the feet so that the desk is level. After this, connect the desk to the 110v or 240v outlet and the desk is ready for use.

Check that no cords are jammed.

Position the desk a safe distance from window frames, furniture, etc so that items don't get stuck or trapped by the desk.

Do not place any objects that are taller than 50 cm (20") underneath the desk. After it has been assembled, when moving the desk, DO NOT lift the desk by the desktop. Lifting this way can stress the fasteners connecting the desk base to the desktop. Lower the desk completely and lift the desk by grabbing the top of the desk base or by removing the desktop first.