ASSEMBLY INSTRUCTIONS
+ USER MANUAL

foli

global

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User Manual for 4-memory Handset

This manual is a quick guide of the functionality for the 4-memory positions Handset Display.

Button guide

- Adjust desk upwards
- Scroll up when in the Menu mode

- Adjust desk downwards
- Scroll down when in the Menu mode

①
- Adjust desk to preset memory 1
- Set memory position 1 (together with M pressed)
- Enter, when in Menu mode

②
- Adjust desk to preset memory 2
- Set memory position 2 (together with M pressed)

③
- Adjust desk to preset memory 3
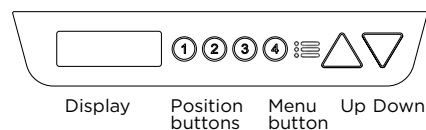- Set memory position 3 (together with M pressed)

④
- Adjust desk to preset memory 4
- Set memory position 4 (together with M pressed)

▤
- Set memory position 1/2/3/4 (together with 1/2/3/4 pressed)
- Menu, to enter the Menu mode
- Return, when in Menu mode

Handset layout

Display   Position buttons   Menu button   Up   Down

Display layout

Explanation of the symbols.

Symbol	Meaning
🔧	Menu mode
M	Memory
E	Error codes
🏠	Reset
"	Imperial, inch
🌡	Thermometer
CM	Metric, centimeter

Sleep mode

The backlight of the display will be turned on once any button is pressed and will be turned off after 15 seconds of inactivity.
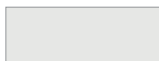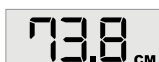
Start up

Once powered, the display will show three dashes which means the table is under initialization.

– – –

After the initialization is completed, a height read-out will show on the display.

73.8 CM

Memory positions 1-4

Set a memory position:

△ or ▽ Adjust the table to the preferred height to be stored as a memory position 1/2/3/4

▤ Press and hold the ▤ button

① + ▤ Press 1/2/3/4 button once while you are holding the ▤ button

Release both buttons

The display will confirm the setting by flashing 1/2/3/4 three times

Memory positions 1-4

Adjust the desk to a memory position:

① Press and hold button 1/2/3/4 until the desk stops at the pre-set position.

If Auto-drive is turned ON in the Menu mode:

① Press 1/2/3/4 button once and the desk will adjust to position 1/2/3/4 automatically if the memory has been pre-set

Note:
The movement of the table can be stopped at any time by pressing any button.

Warning:
The activation of the Auto-drive increases the risk of injury. Please pay special attention to the table and its surroundings while the tabletop is moving. ROL Ergo AB is not liable for injuries or damage that may result from using the Auto-drive function.

Upper Limit

Set an Upper Limit when planning for over-head storage

| △ or ▽	Adjust the table to desired height for the upper limit
▤	Press and hold the ▤ button
▤ and △	Press UP button once while you are holding the ▤ button
	Release both buttons
`U.L.`	The display will confirm the setting by flashing U.L. three times

Once the upper limit is set, the table will stop at the pre-set upper limit even if the user tries to adjust the table higher than the limit. The user needs to first release UP and then press and hold UP again for 3s to continue the travel of the table upwards.

Lower Limit

Set a Lower Limit when planning for storage under the table

△ or ▽	Adjust the table to desired height for the lower limit
▤	Press and hold the ▤ button
▤ and ▽	Press DOWN button once while you are holding the ▤ button
	Release both buttons
`L.L.`	The display will confirm the setting by flashing L.L. three times

Once the lower limit is set, the table will stop at the pre-set lower limit even if the user tries to adjust the table lower than the limit. The user needs to first release DOWN and then press and hold DOWN again for 3s to continue the travel of the table downwards.

Menu mode

Accessing the Menu

To enter Menu mode, the user needs to press ▤ and release it without pressing any other button. Once in Menu mode, ▤ will be used to return to the previous step and 1 will be used as enter. Five seconds of inactivity will lead to the exit of Menu mode.
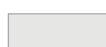
Software version - Handset

Displaying the software version of the handset.

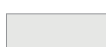| ▤	Press the ▤ button once to access the menu mode
`SOF`	Use the UP or DOWN button until SOF is visible
①	Press the button 1 once to enter
	The software version of the handset will show on the display
▤	Press the ▤ button once to exit to the menu mode

Software version - Actuator

Displaying the software version of the actuator.

| ▤	Press the ▤ button once to access the menu mode
`Act`	Use the UP or DOWN button until Act is visible
①	Press the button 1 once to enter
	The software version of the actuator will show on the display
▤	Press the ▤ button once to exit to the menu mode

Calibration

The height can be calibrated if the height read-out on the display does not match with the actual height of the tabletop.

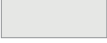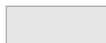|	Measure the distance between the floor and the top of the tabletop
▤	Press the ▤ button once to access the menu mode
`CAL`	Use UP or DOWN button to navigate to CAL
①	Press the button 1 once to enter
△ or ▽	Change the current height reading by using the UP button or DOWN button to the measured height
①	Store the current height reading by pressing the button 1 once
	A height read-out with the set value will show on the display
▤	Press the ▤ button once to exit to the menu mode

Unit

Changing between metric and imperial units.

☰	Press the ☰ button once to access the menu mode
`Un.`	Use UP or DOWN button to navigate to Un.
①	Press the button 1 once to enter
	Choose CM (centimeter) or " (inch) with the UP or DOWN button
①	Store the chosen unit by pressing the button 1 once
	A height read-out with the set unit will show on the display
☰	Press the ☰ button once to exit to the menu mode

Auto-drive
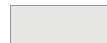
To turn on/off the auto-drive feature.

☰	Press the ☰ button once to access the menu mode
`AUt`	Use UP or DOWN button to navigate to Aut
①	Press the button 1 once to enter
	Choose ON or OFF with the UP or DOWN button
①	Store the chosen value by pressing the button 1 once
	The display will confirm the setting by flashing the chosen value three times
☰	Press the ☰ button once to exit to the menu mode

If auto-drive is turned on, the desk will adjust to a memory position automatically by pressing the relevant button once. If it is turned off, then the user needs to hold the relevant button until the memory position is reached. It is by default turned off.

Collision Detection System (CDS)

Adjust the sensitivity of the collision detection system.

☰	Press the ☰ button once to access the menu mode
`CdS`	Use UP or DOWN button to navigate to CDS
①	Press the button 1 once to enter
	Choose 3 (High), 2 (Medium), 1 (Low) or 0 (Disabled) with the Up or Down button
①	Store the chosen value by pressing the button 1 once
	The display will confirm the setting by flashing the chosen value three times
☰	Press the ☰ button once to exit to the menu mode

The desk is equipped with a collision detection system which will stop the desk when a collision is detected and automatically move backwards. The sensitivity is by default set to 2 (Medium).
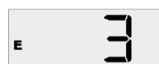
Reset

A reset will lower the tabletop slowly and eventually level the tabletop in the lowest position

☰	Press the ☰ button once to access the menu mode
`RES`	Use UP or DOWN button to navigate to RES
①	Press the button 1 once to enter
`YES`	yES will be displayed and press button 1 once again to start reset
`◆ - - -`	3 dashes and a house symbol will be displayed, and the table will start to move downwards slowly when DOWN button is pressed
▽	Keep pressing DOWN button until the table reaches its lowest position and stops moving
	A height read-out will show on the display which means the factory reset is completed
☰	Press the ☰ button once to exit to the menu mode

Error codes

1. Hard stop
2. Back off
3. Soft stop
4. Waiting for button
5. Waiting for button release
6. Motor lost
7. Overcurrent
8. Overheating. Thermometer flashing, wait 10 minutes for motor cooling
9. Low voltage (under 16vdc)
10. High Voltage (over 40vdc)
11. Out of sync/ legs too far apart
12. Destination above upper limit
13. Destination below lower limit
14. Internal error
15. Collision detected by CDS
16. Wrong number of motors connected
17. Destination above upper motor limit
18. Destination below lower motor limit
19. Slave lost/ Disconnected
20. Motor not moving

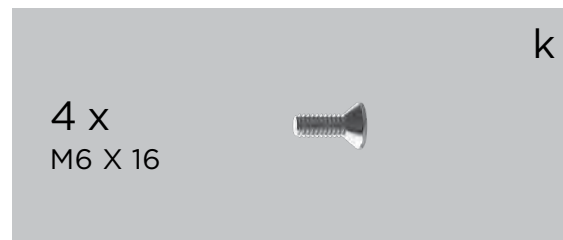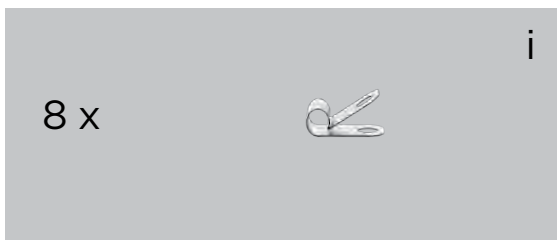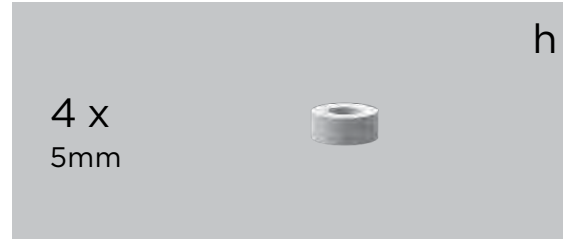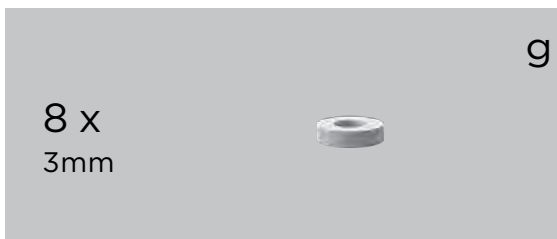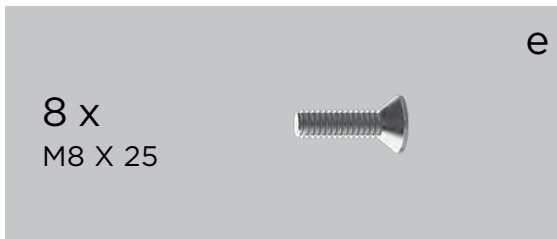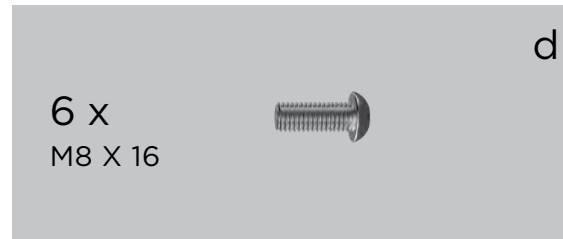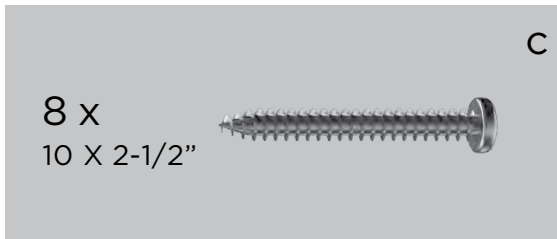| E **3**	**73.8** 🌡
Default error code example	*Error code 8, flashing thermometer*
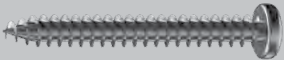
2 COLUMNS / 3 COLUMNS

Hardware: PH3T665

a 10 x — 3,5 X 16	**b** 8 x — 10 X 1"
c 8 x — 10 X 2-1/2"	**d** 6 x — M8 X 16
e 8 x — M8 X 25	**f**
g 8 x — 3mm	**h** 4 x — 5mm
i 8 x	**k** 4 x — M6 X 16
j 2 x	

a

4 x
3,5 X 16

b

c

3 x
10 X 2-1/2"

d

2 x
M8 X 16

e

f

6 x
M8 X 16

g

5 x
3mm

h

2 x
5mm

i

4 x

k

j

2 x

EXTRA TOOLS (not included)

No.3

No.5
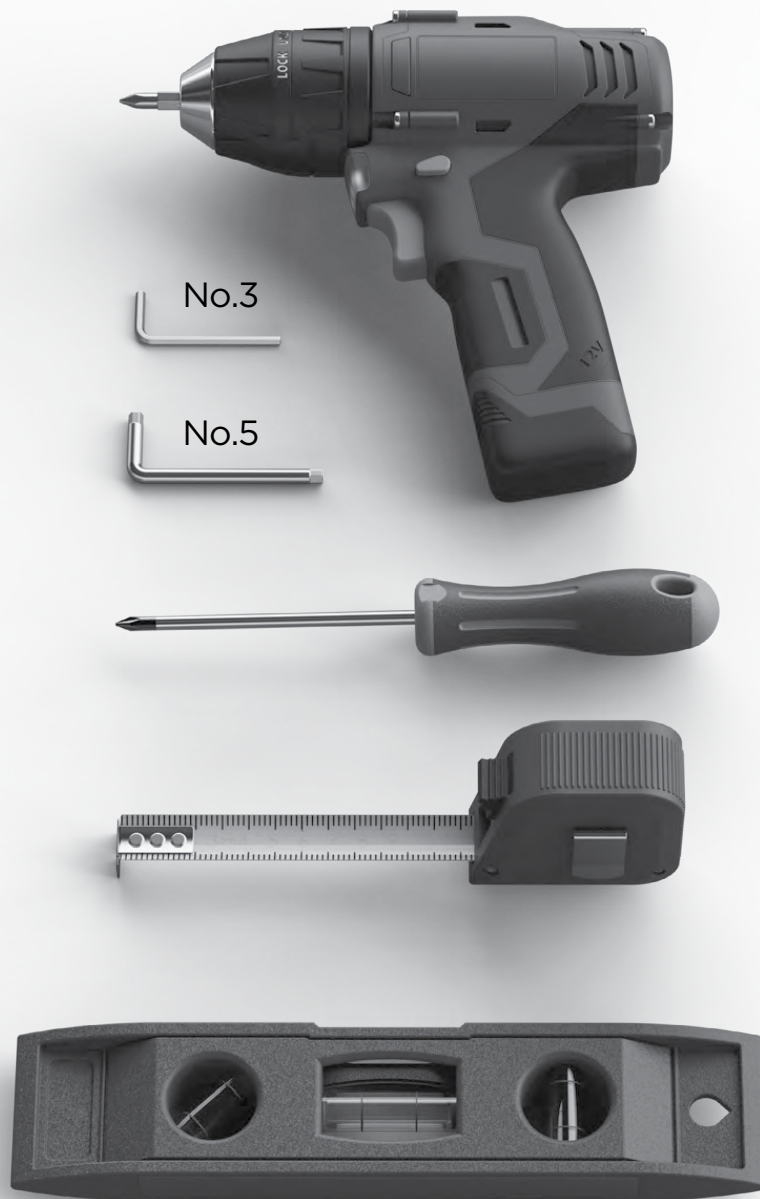
Parts: PH3T665

Parts: PH3T665LK

PH3T665

23 - 30"

46 - 70"

minimum 1"

PH3T665 + PH3T665LK

AB

35 - 47"

46 - 70"

minimum 1"

PH3T665

A
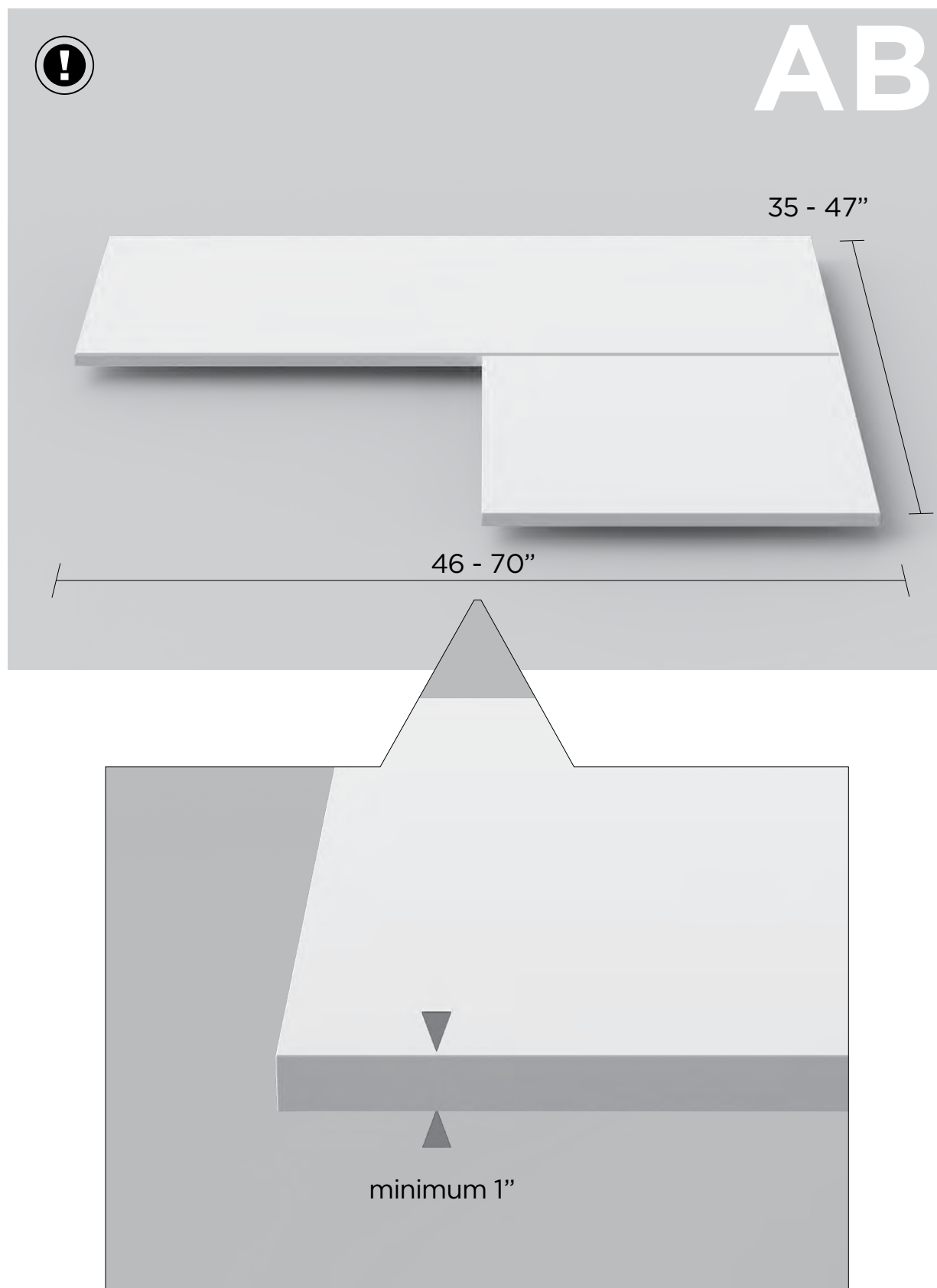
PH3T665: Step 1

· 01/ 16

4 x

e

PH3T665: Step 2

· 02/ 16

4 x

e

PH3T665: Step 3

· 03/ 16

4 x

d

PH3T665: Step 4

· 04/ 16

4 x

g

PH3T665: Step 5

· 05/ 16

PH3T665: Step 6

· 06/ 16
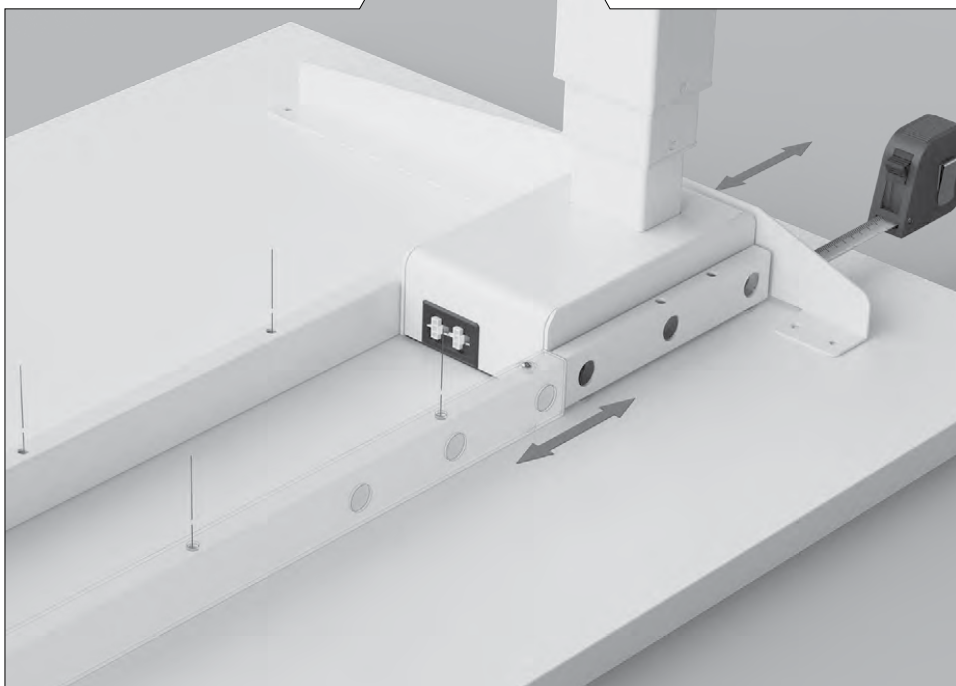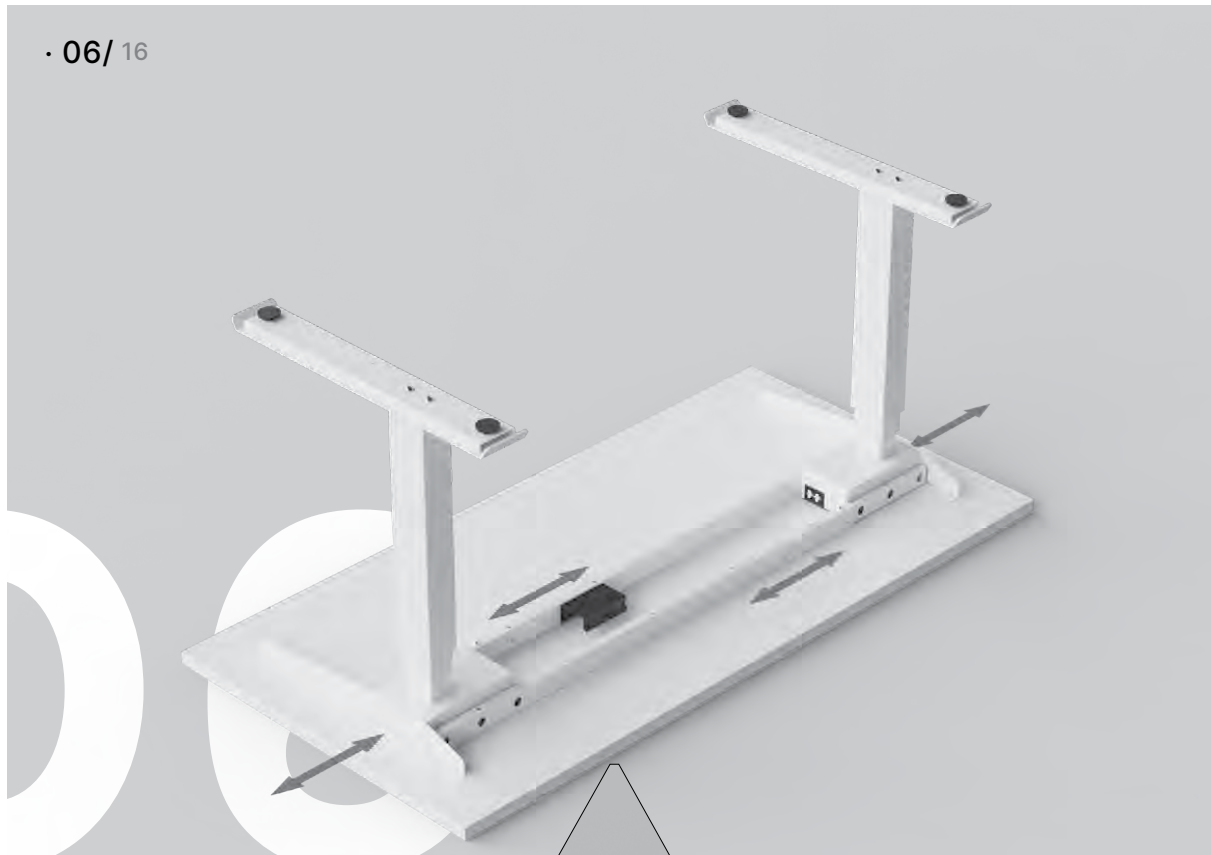
PH3T665: Step 7

· 07/ 16
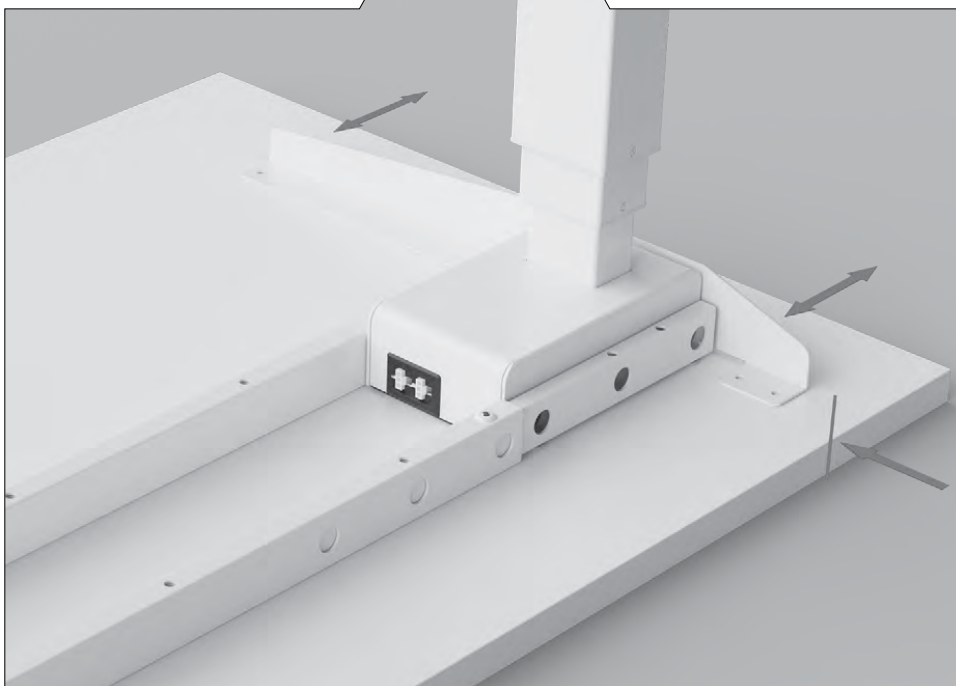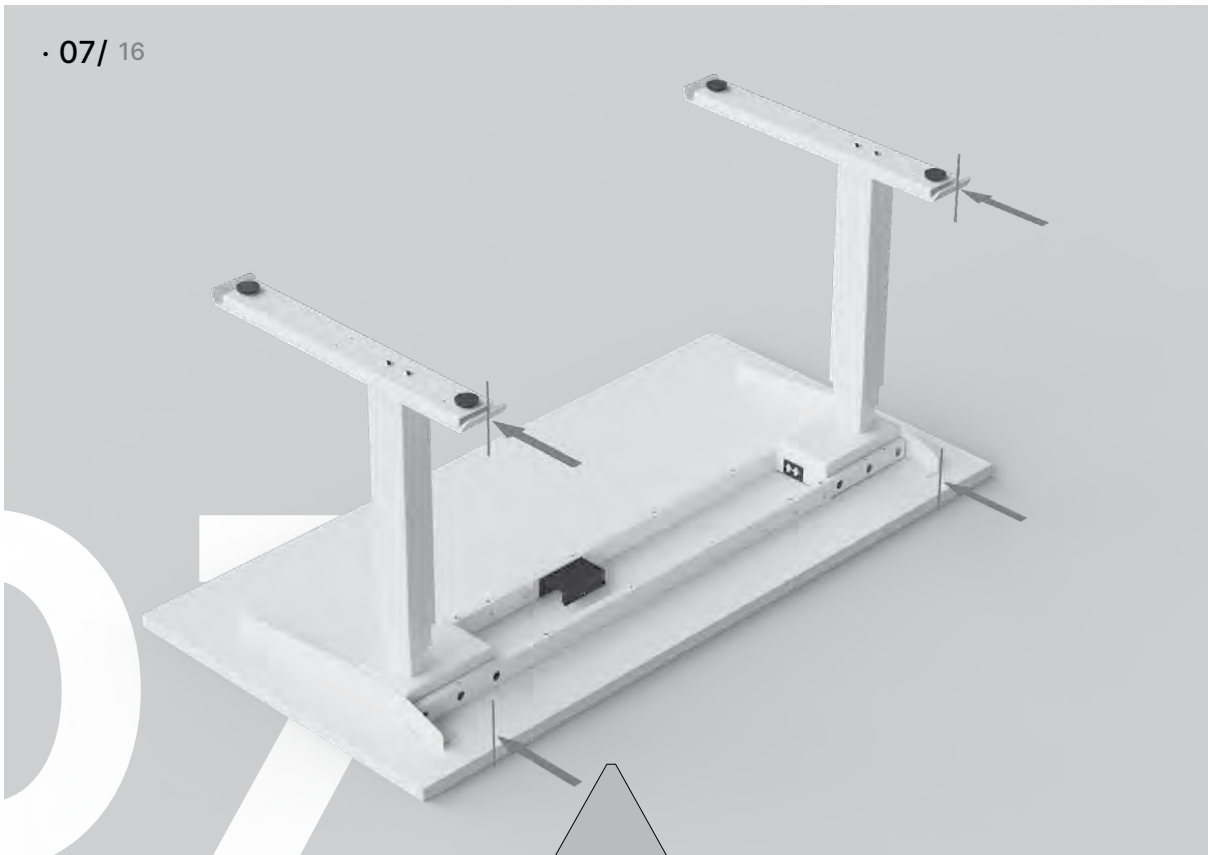
PH3T665: Step 8

· 08/ 16

6 x

8 x

b   c
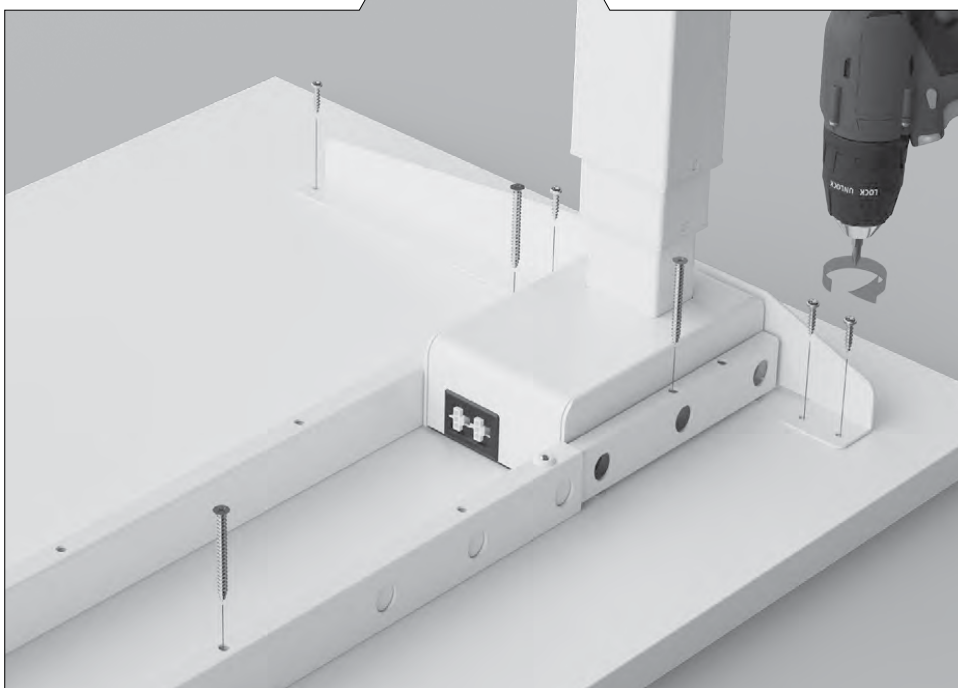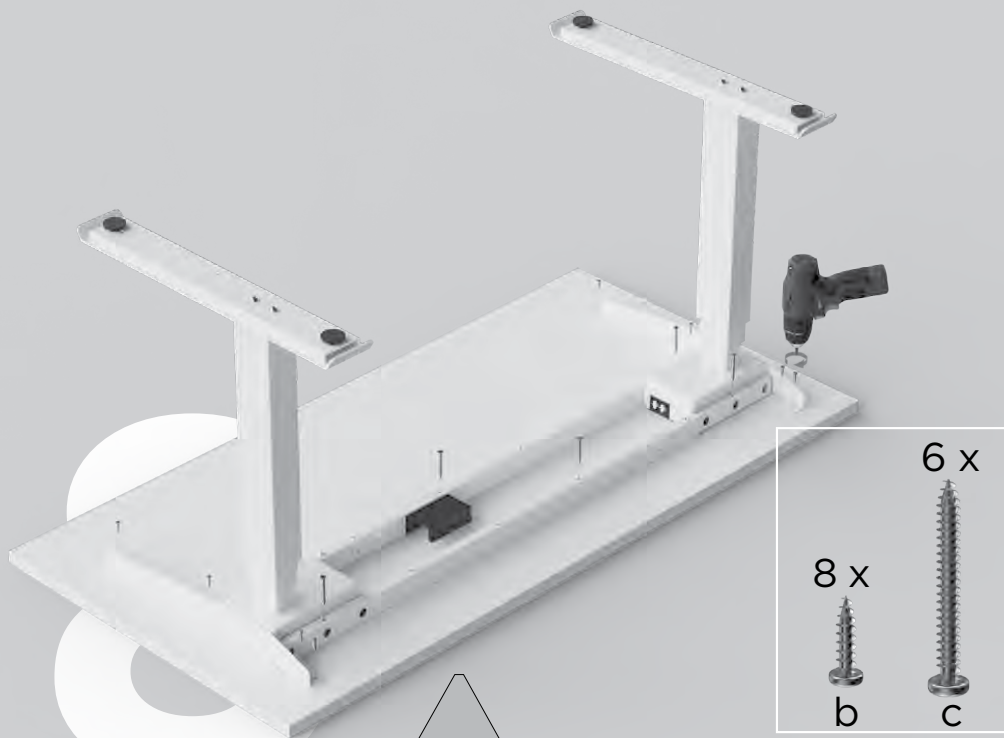
PH3T665: Step 9

· 09/ 16
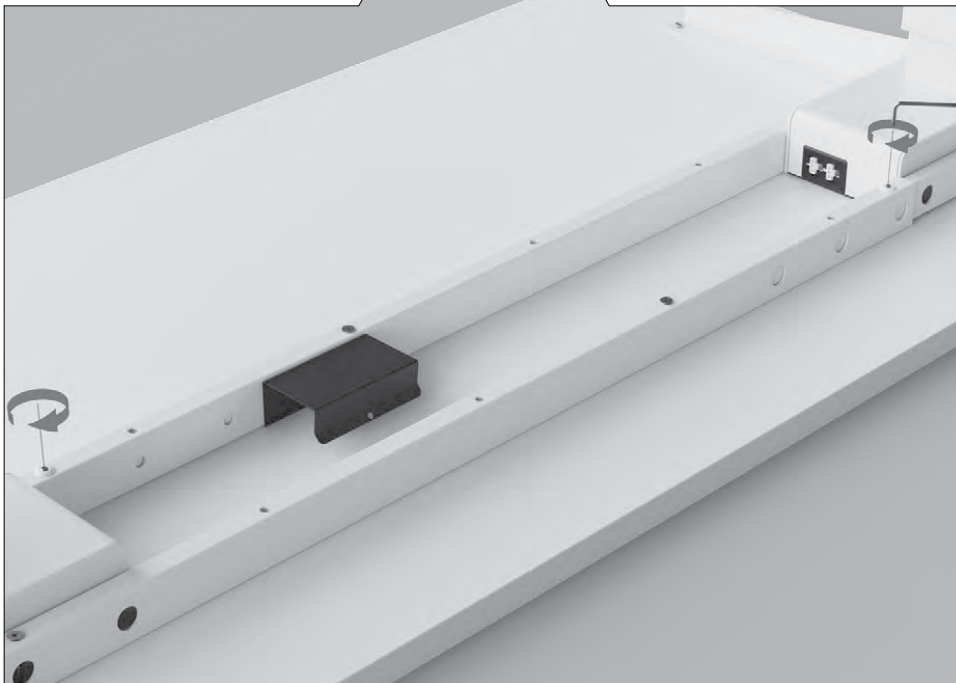
PH3T665: Step 10

· 10/ 16
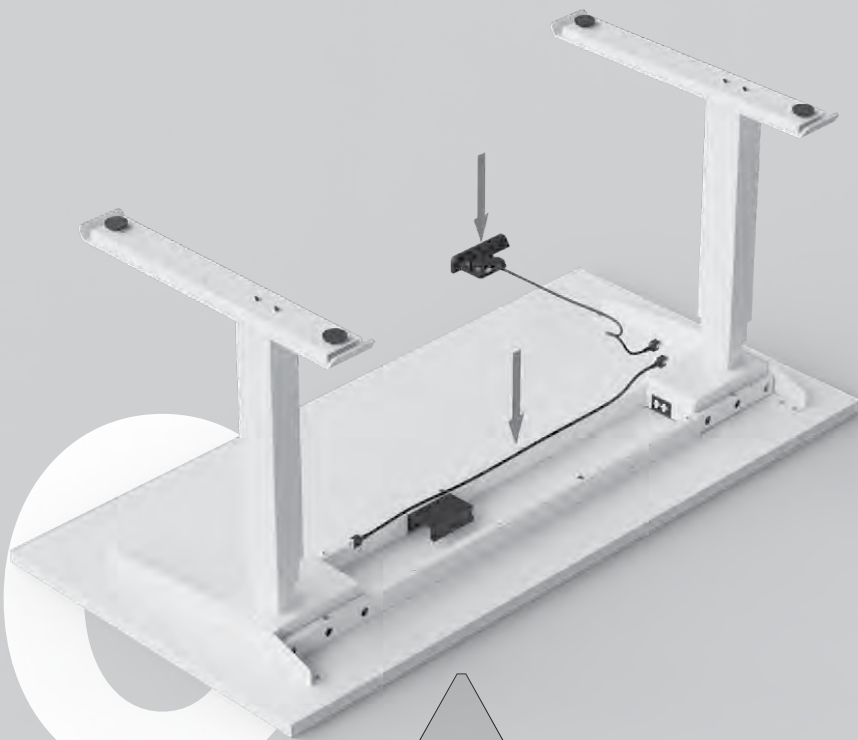
2 x

a
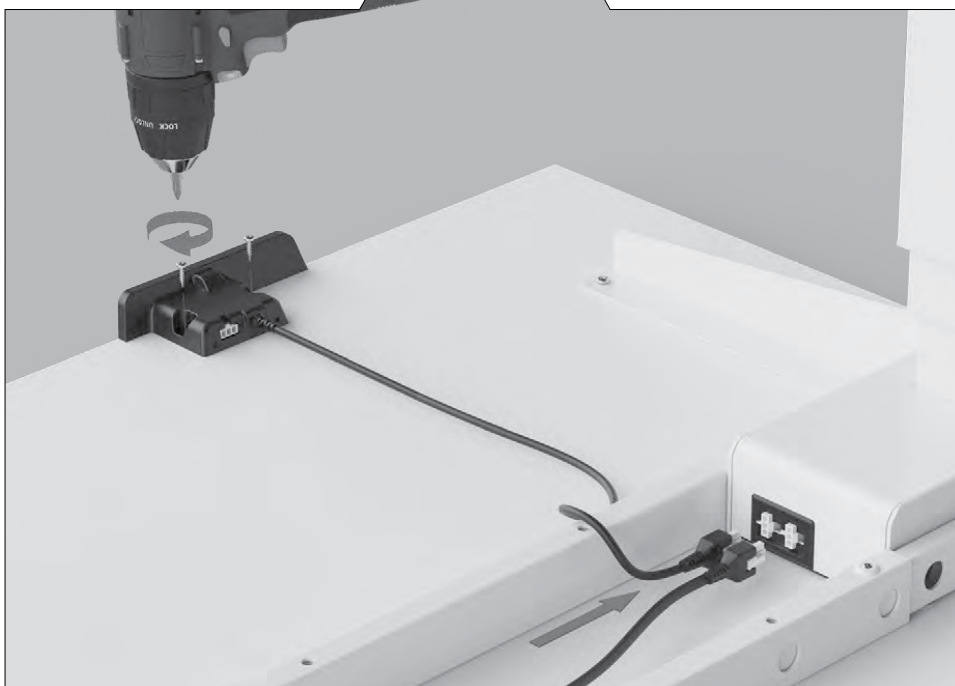
PH3T665: Step 11

· 11/ 16
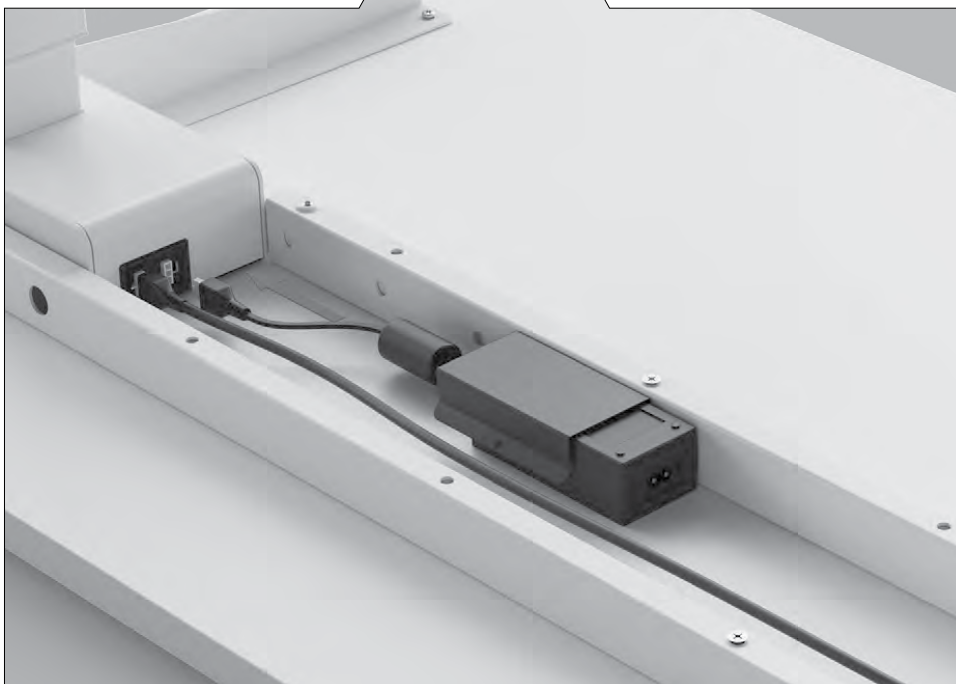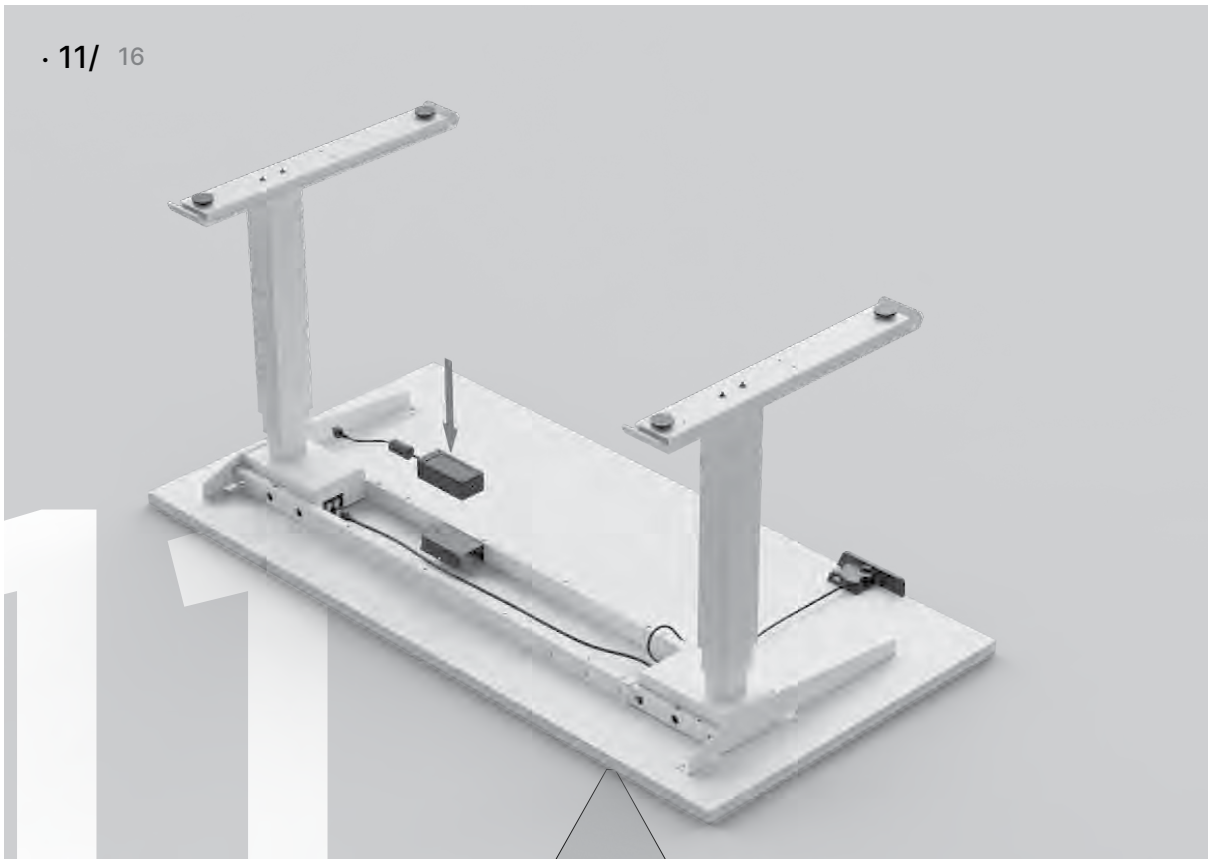
PH3T665: Step 12

· 12/ 16
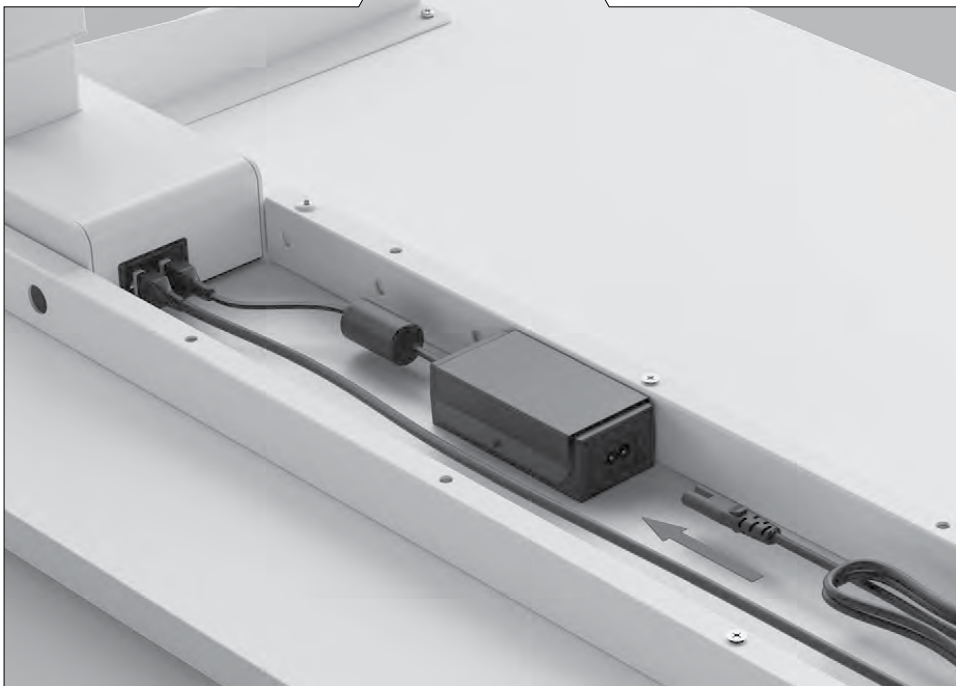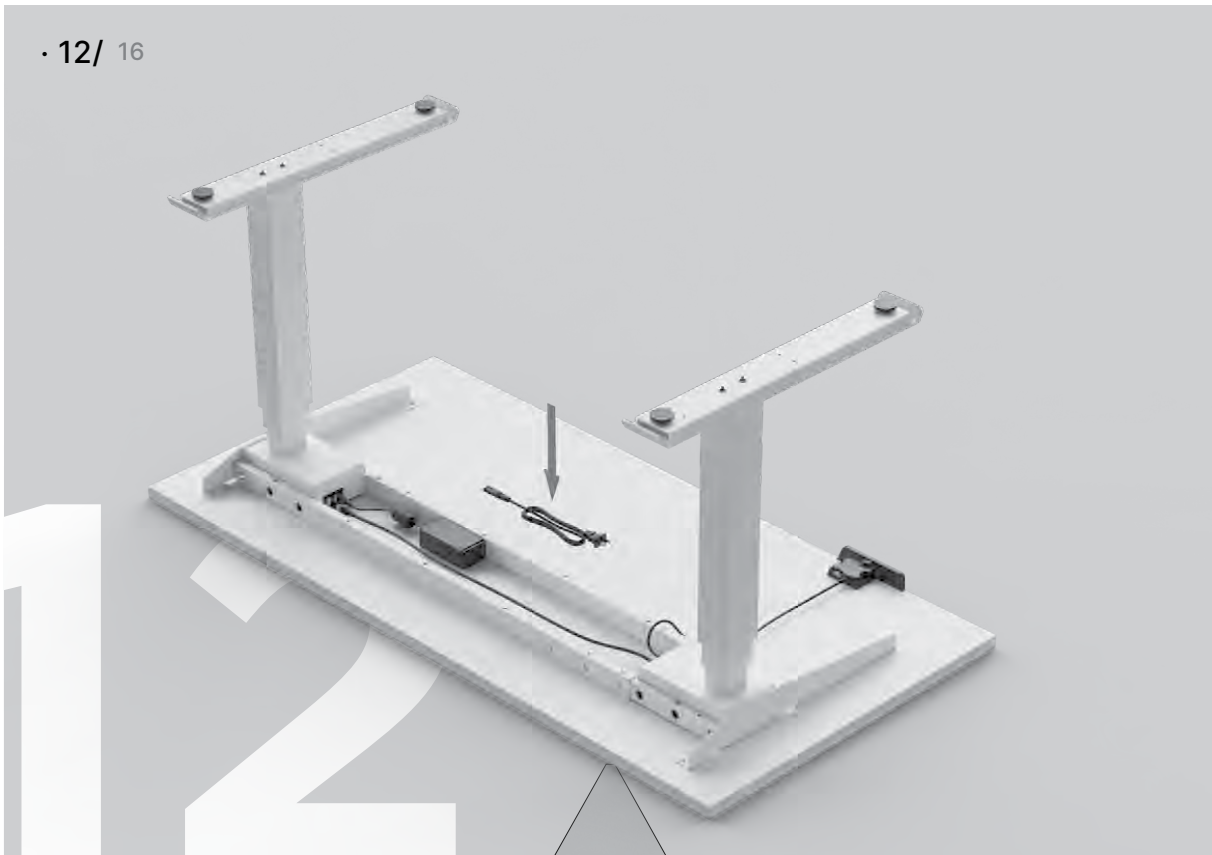
PH3T665: Step 13

· 13/ 16
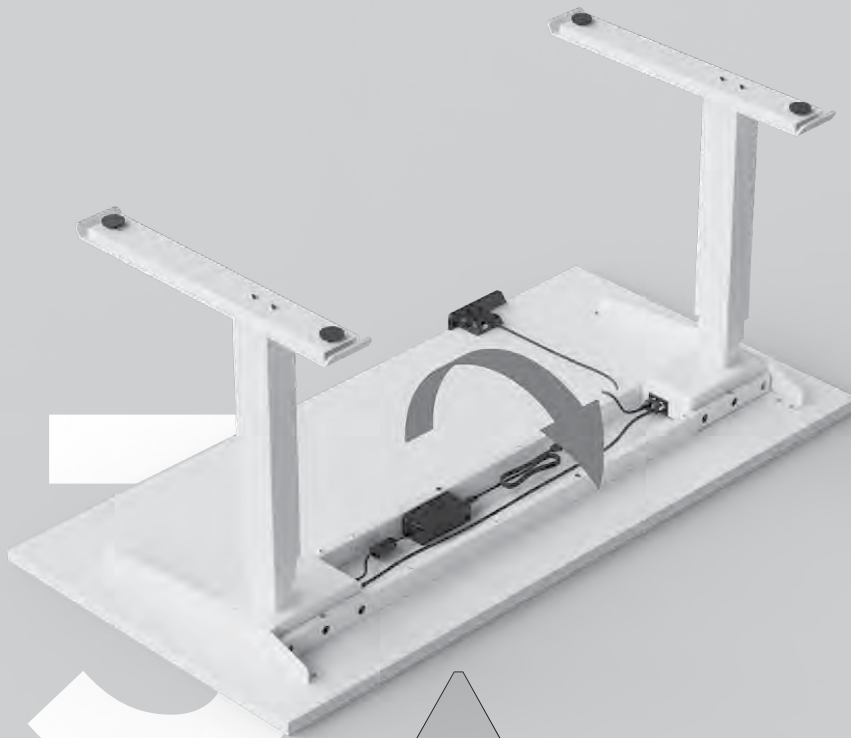
PH3T665: Step 14

· 14/ 16
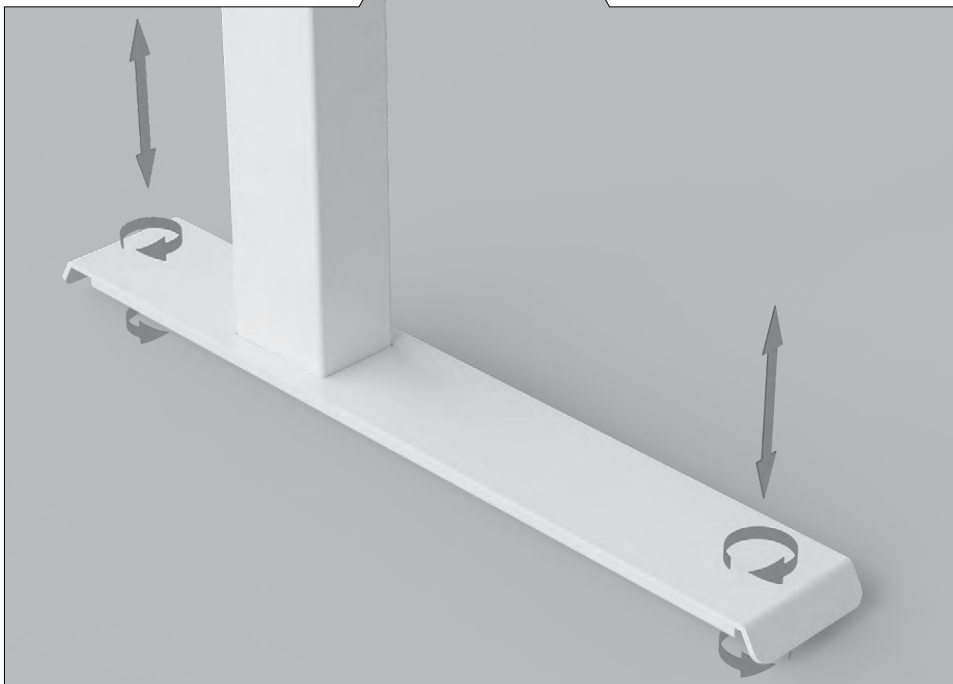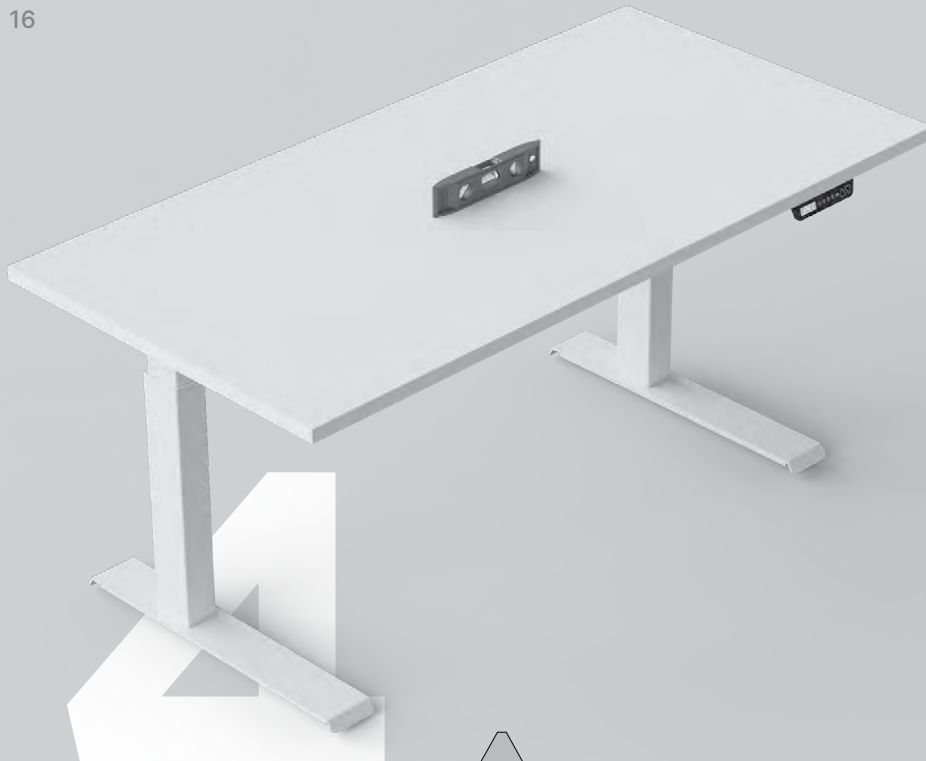
PH3T665: Step 15

· 15/ 16
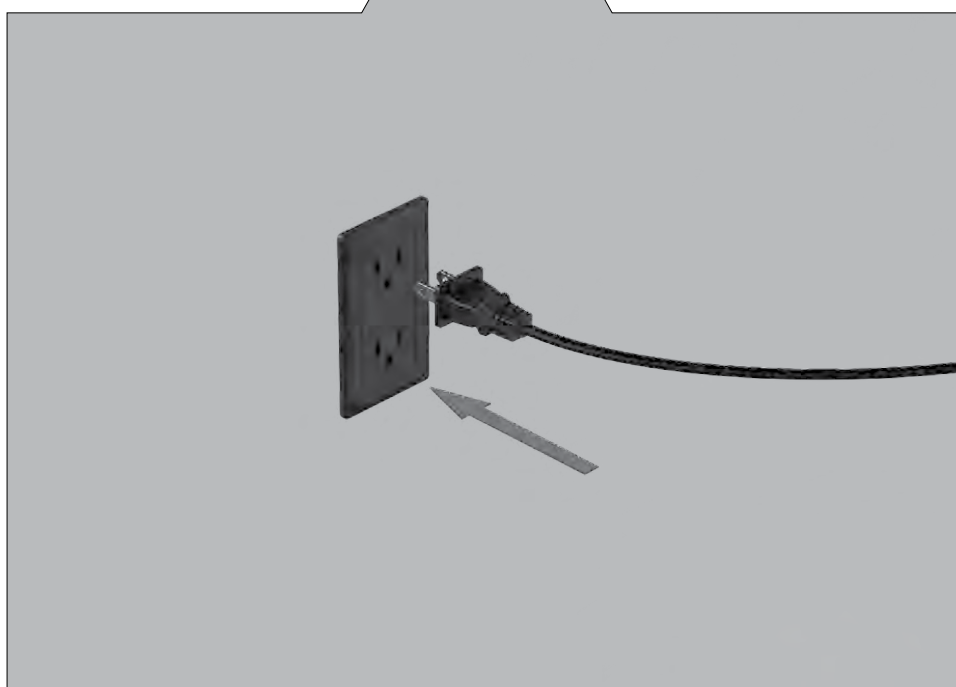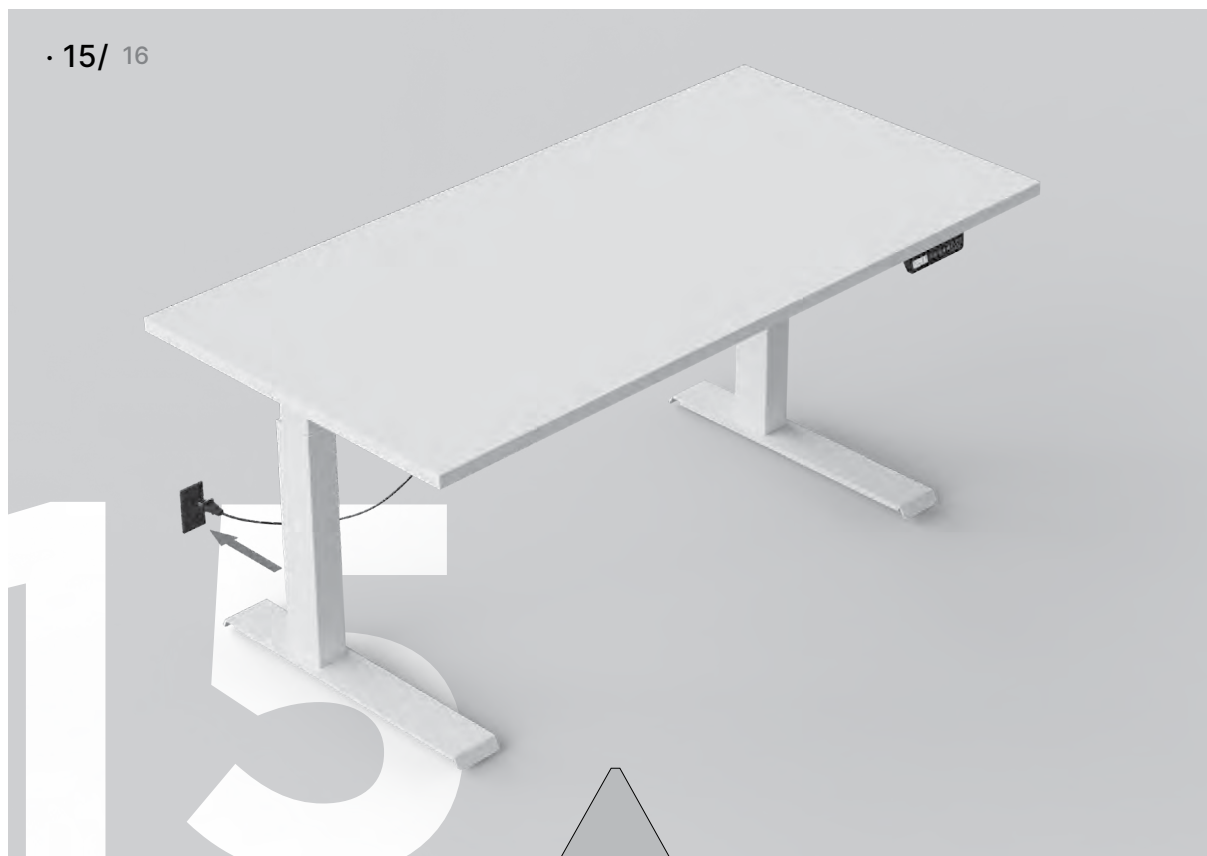
PH3T665: Step 16

· 16/ 16
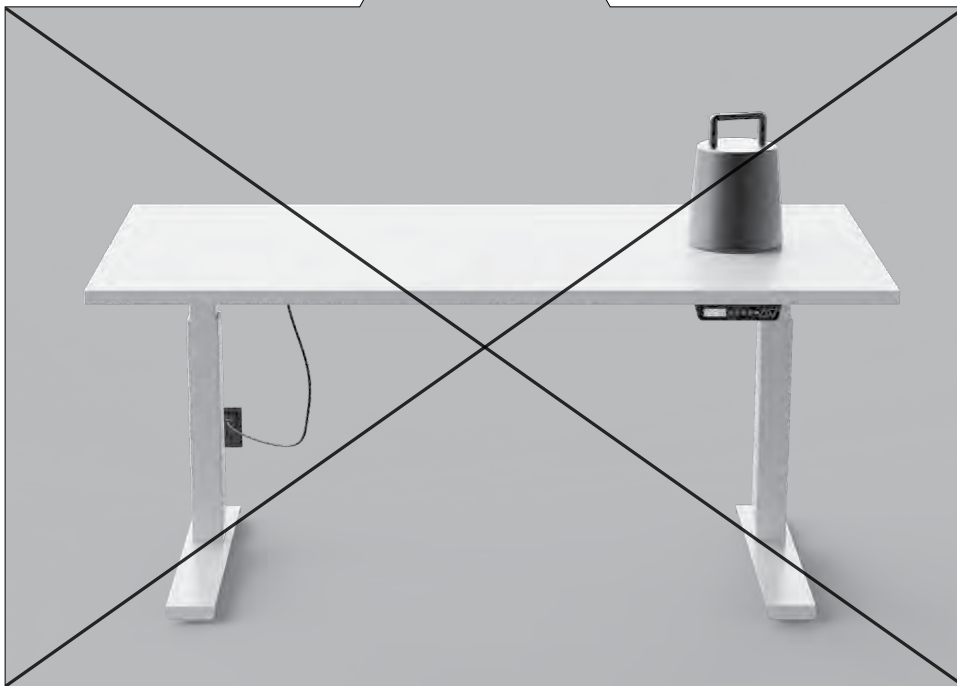
PH3T665: Step 16 cont'd

· 16/ 16 ✓
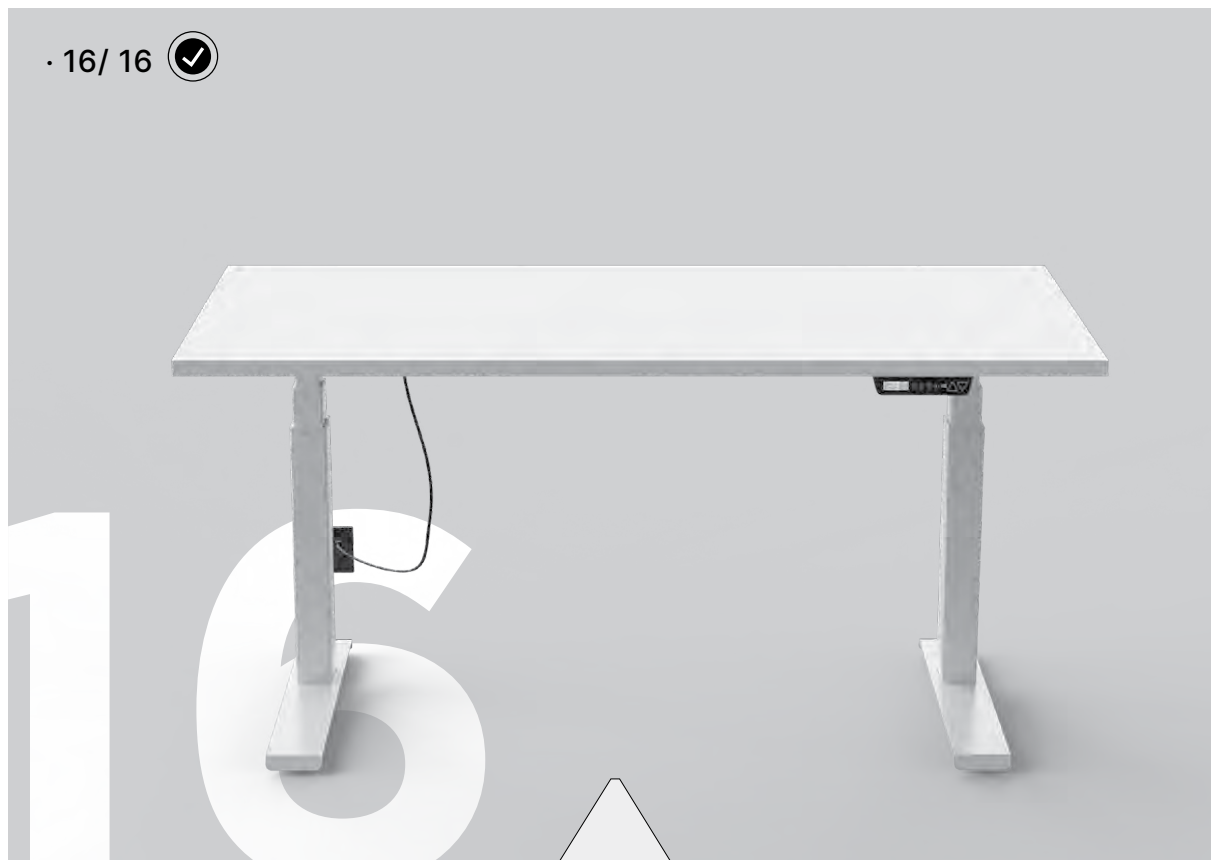
PH3T665 + PH3T665LK

PH3T665LK: Step 1

· 01/ 17

4 x
2 x

f
e
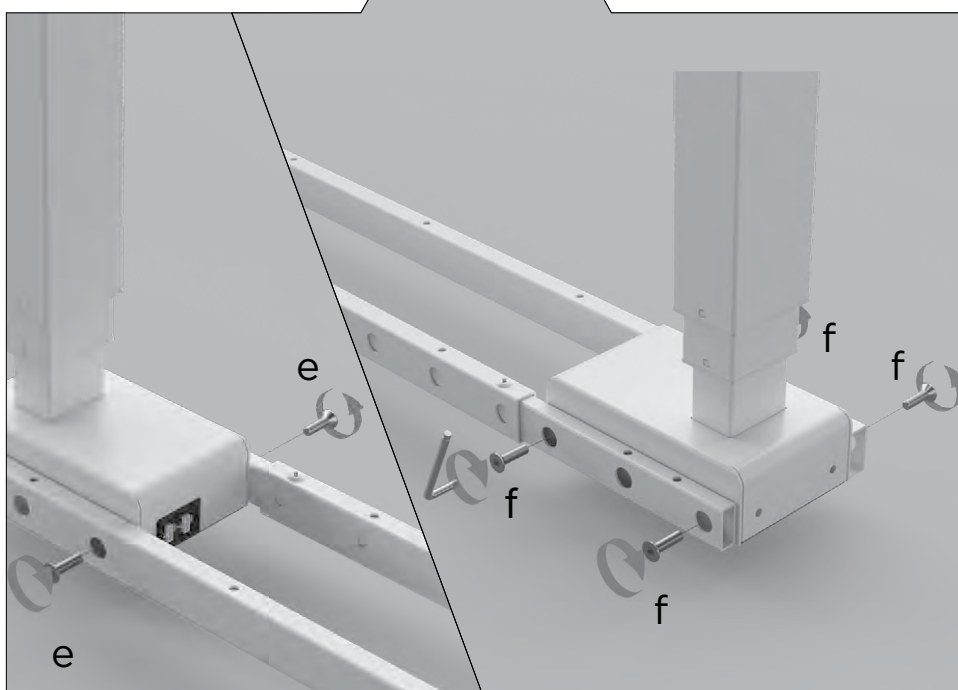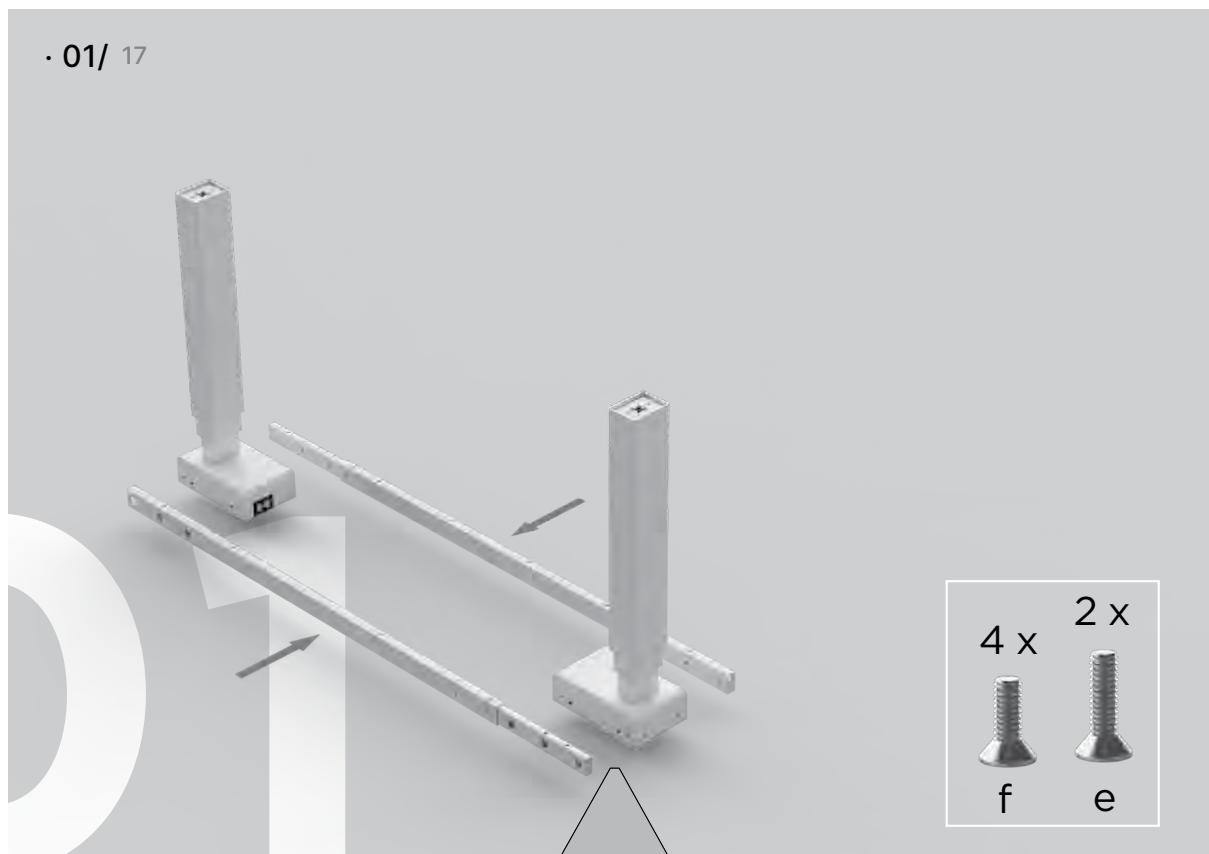
PH3T665LK: Step 2

· 02/ 17

2 x 2 x

f   e

e

f

f

e
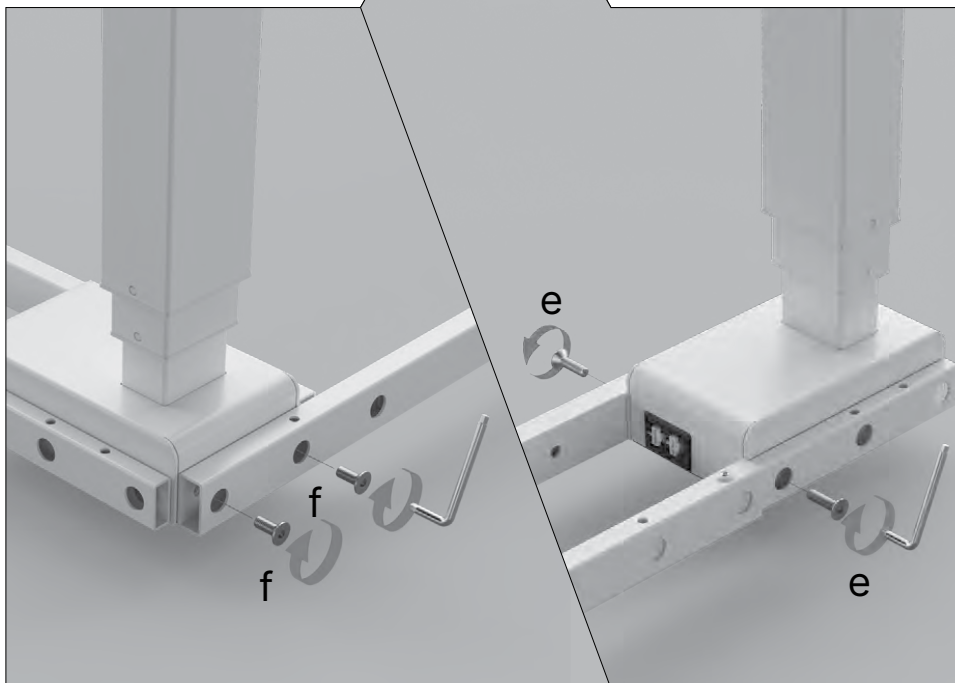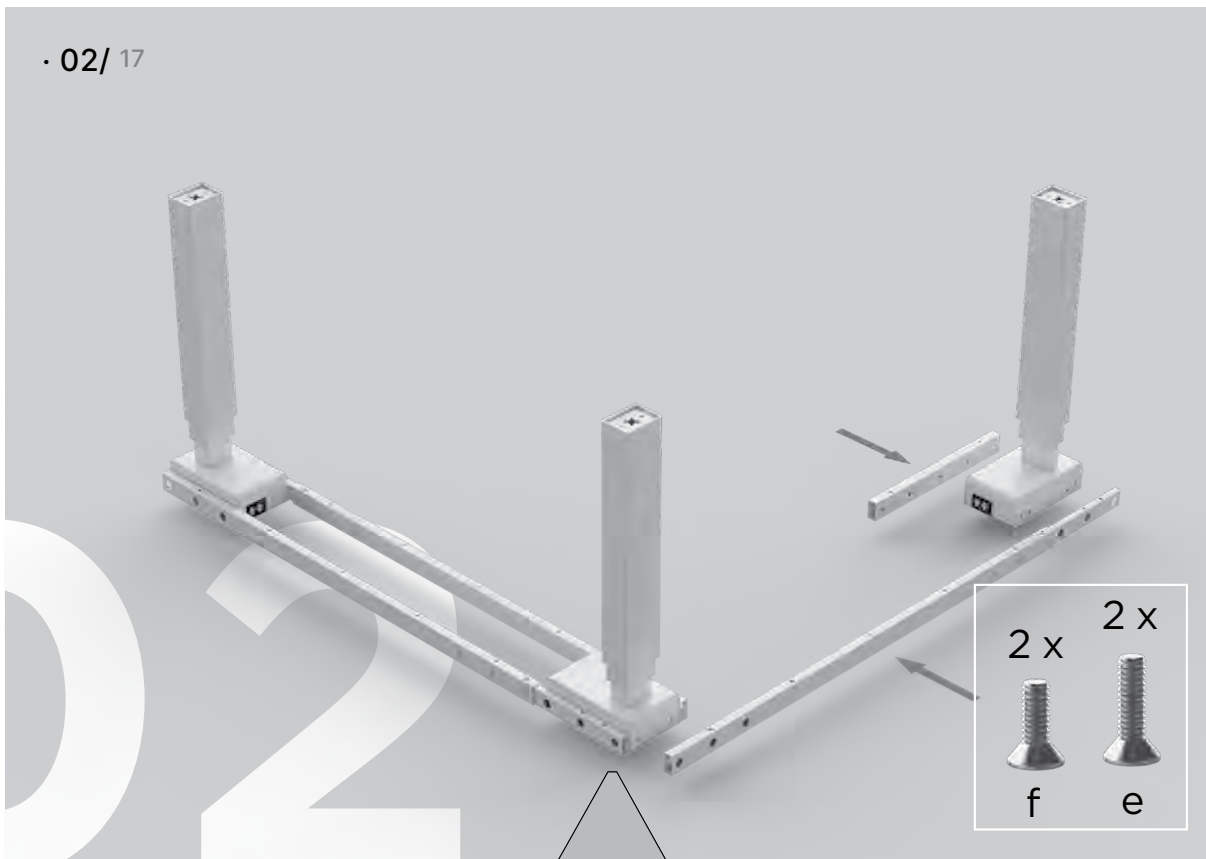
PH3T665LK: Step 3

· 03/ 17

4 x

e

PH3T665LK: Step 4

· 04/ 17

6 x

d

PH3T665LK: Step 5

· 05/ 17

6 x

g
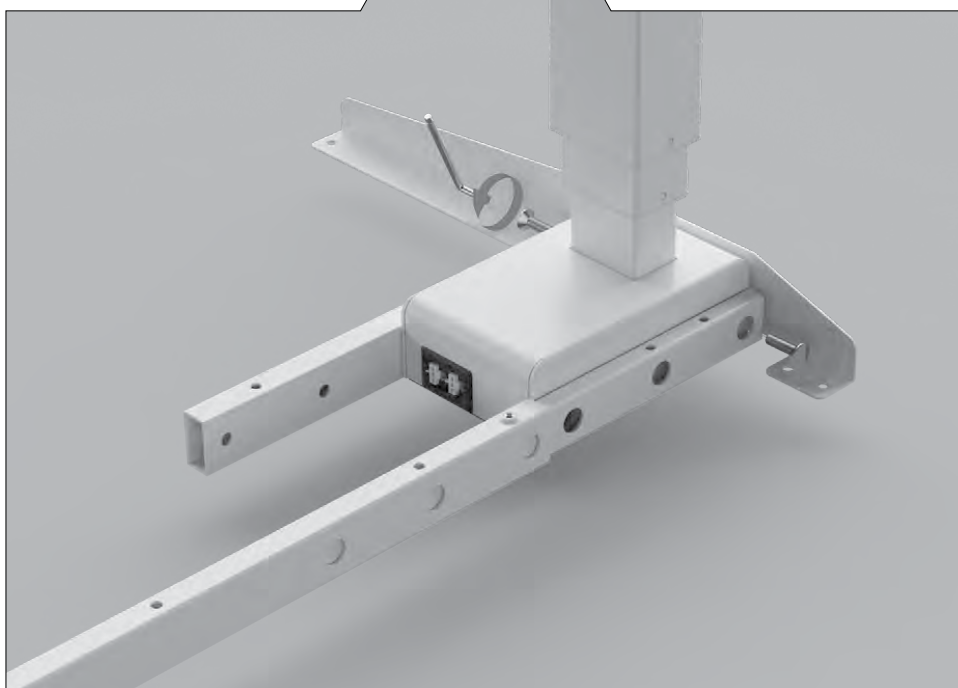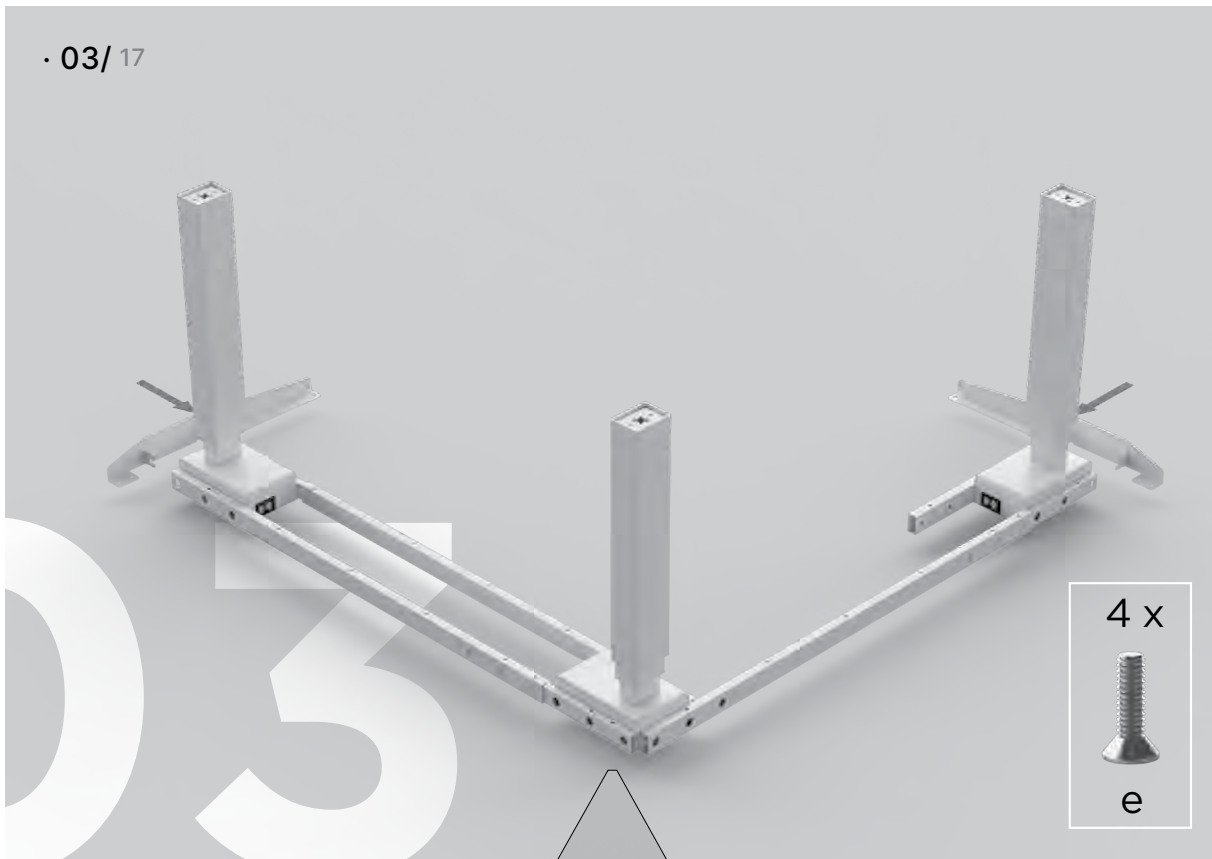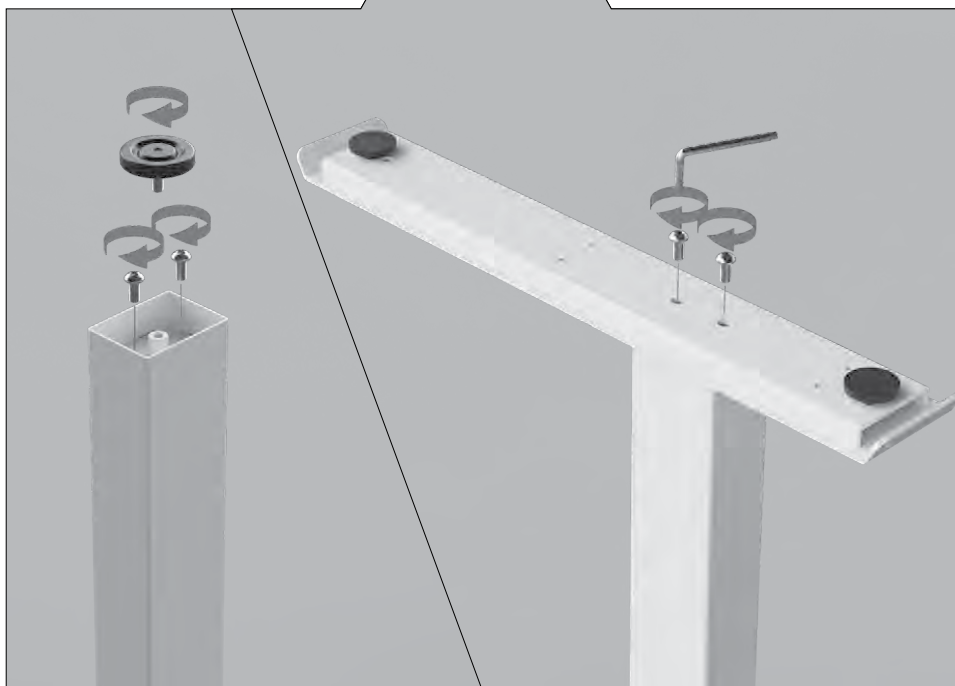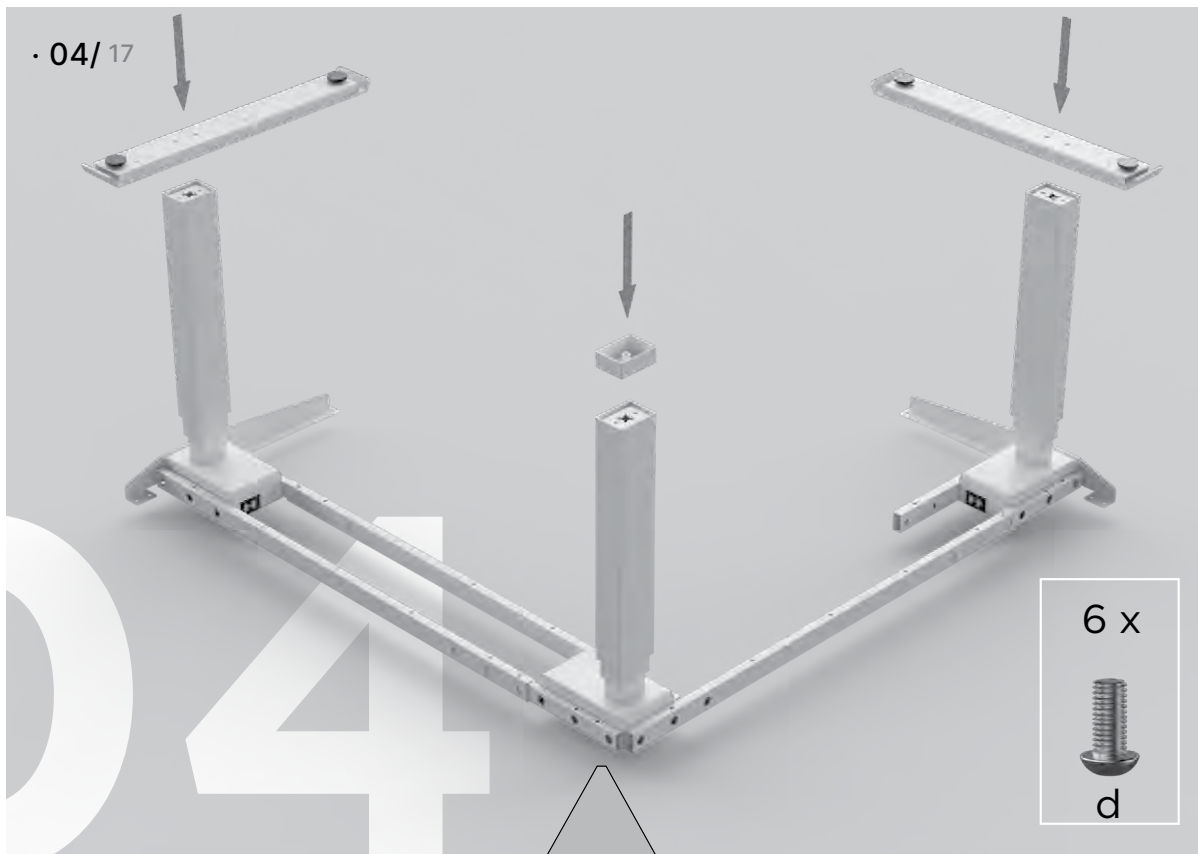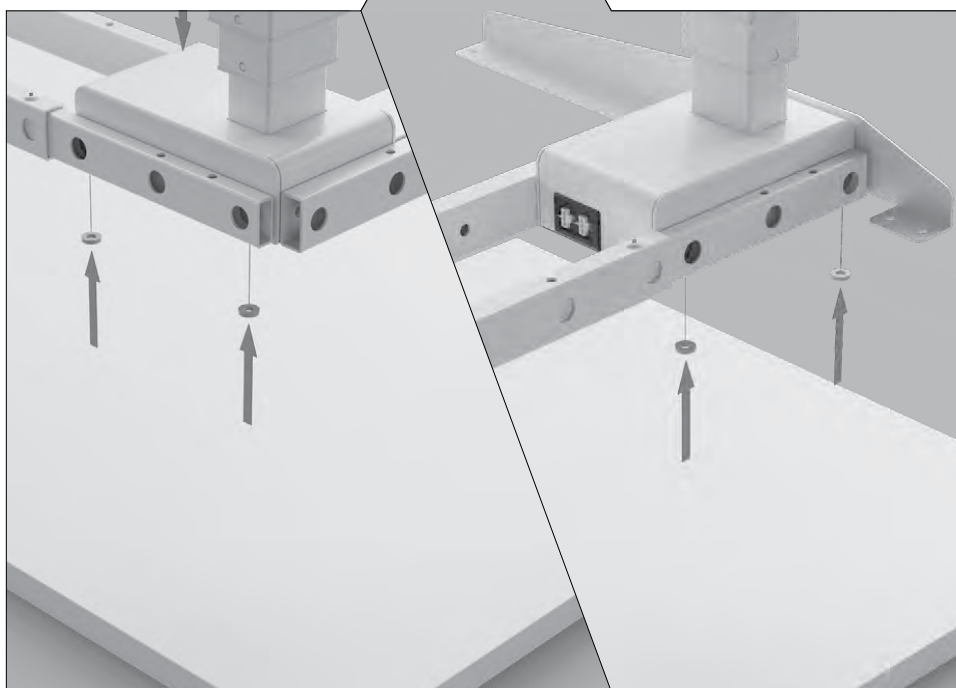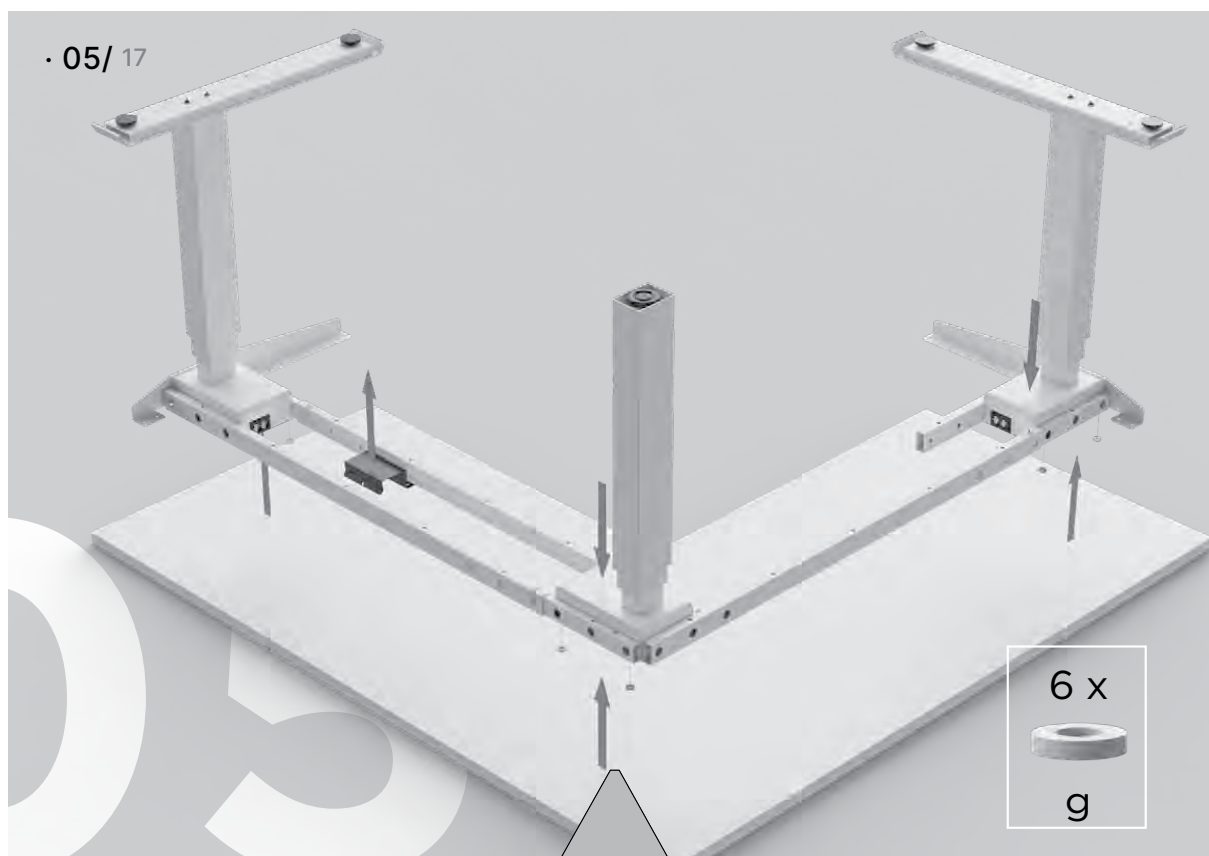
PH3T665LK: Step 6

· 06/ 17
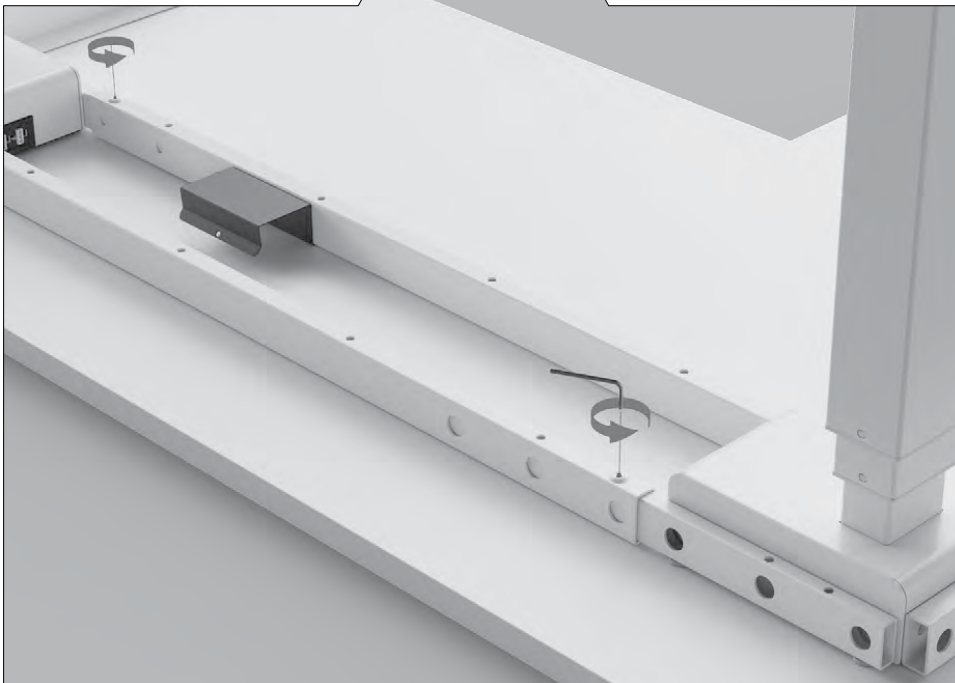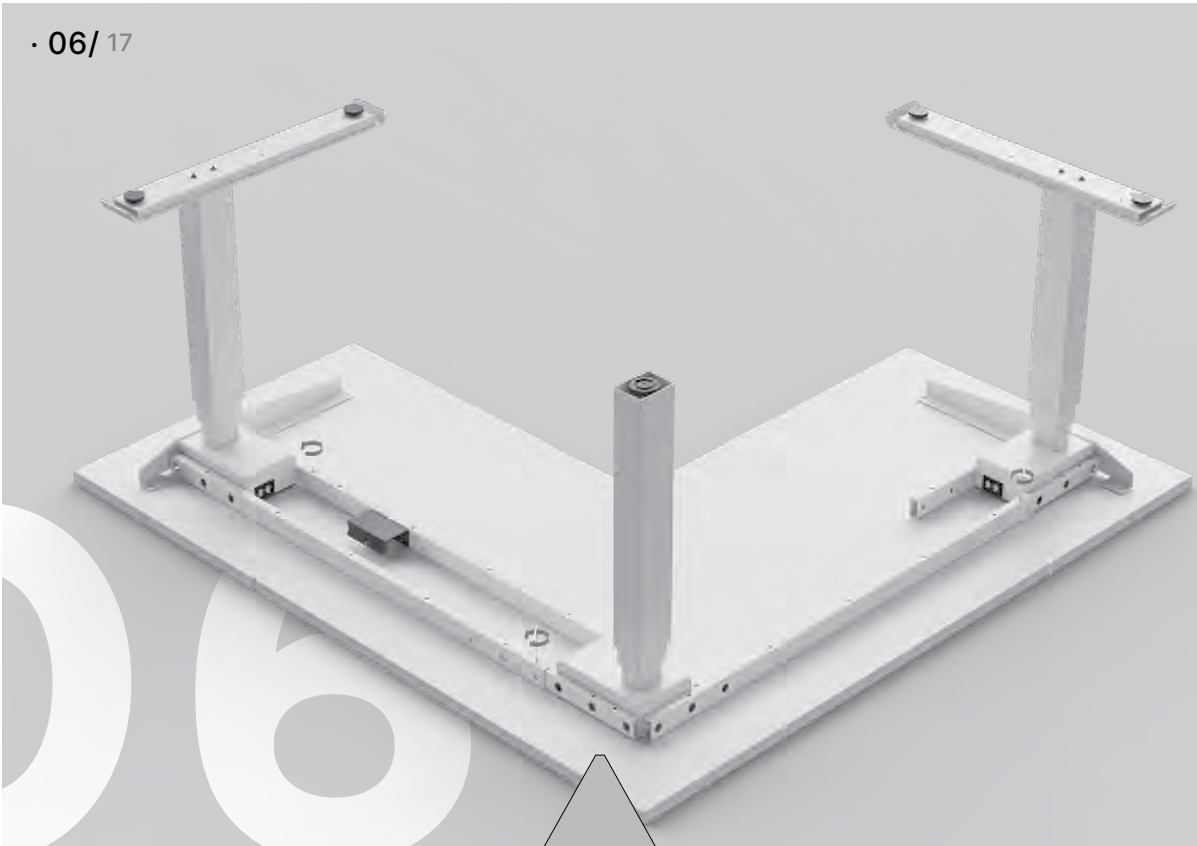
PH3T665LK: Step 7

· 07/ 17
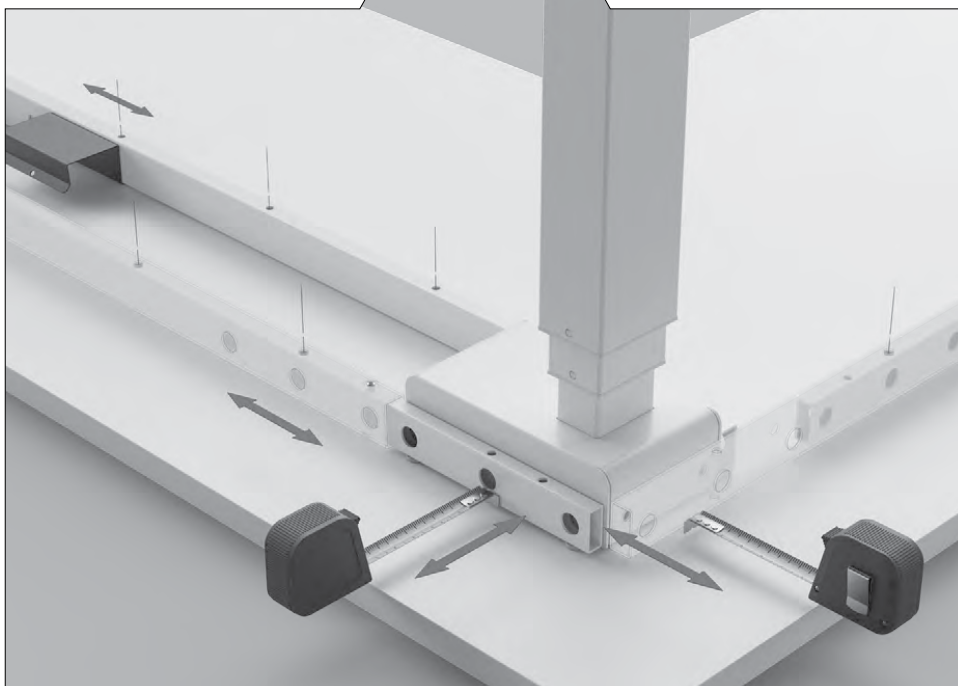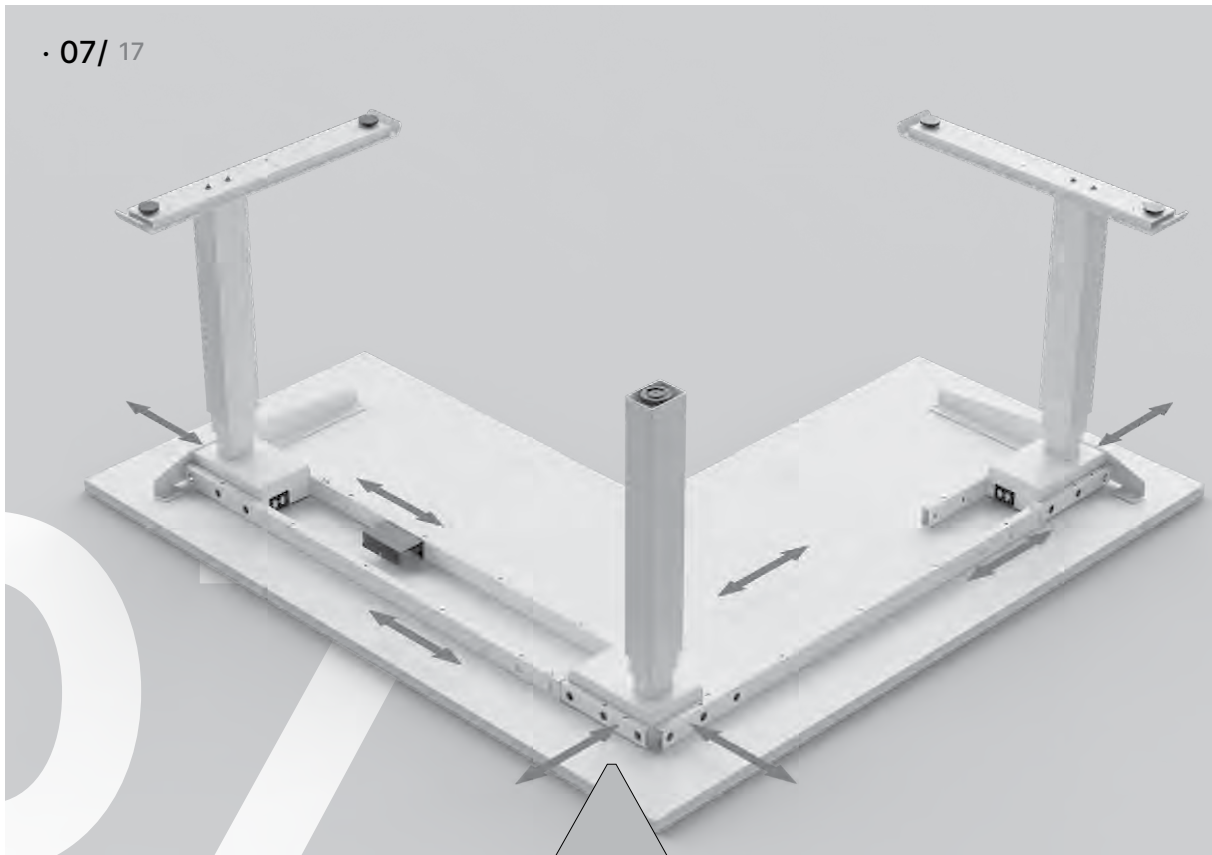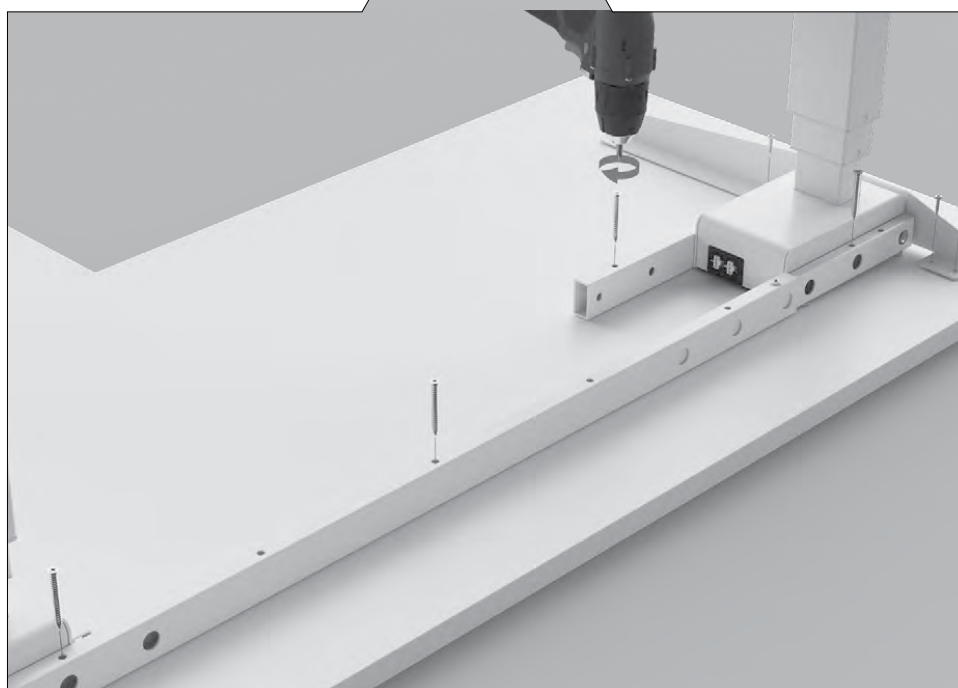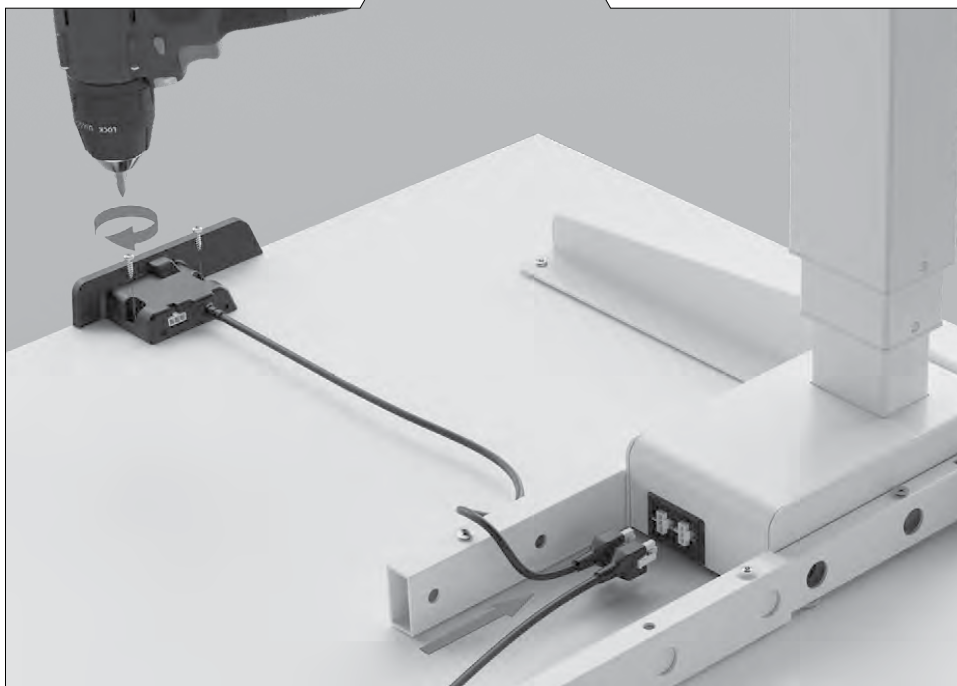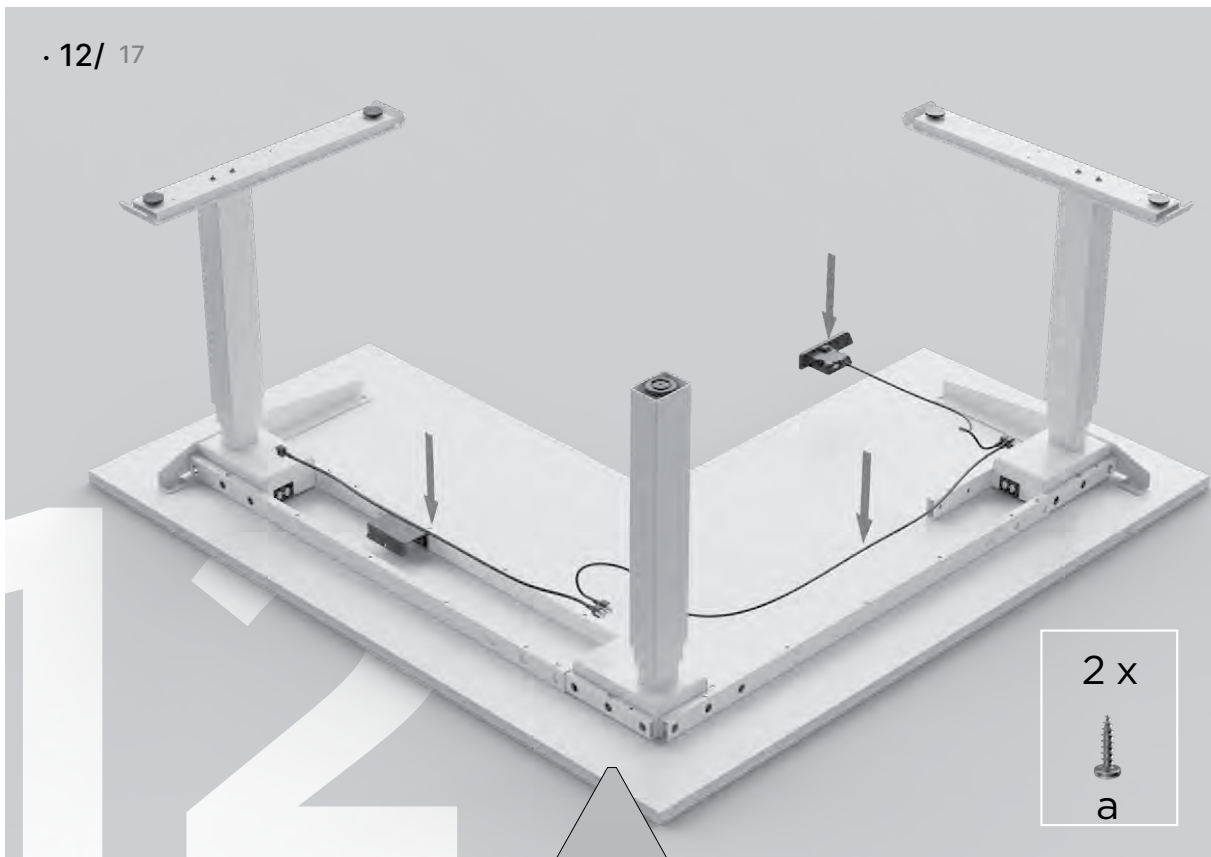
PH3T665LK: Step 8

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PH3T665LK: Step 9

· 09/ 17
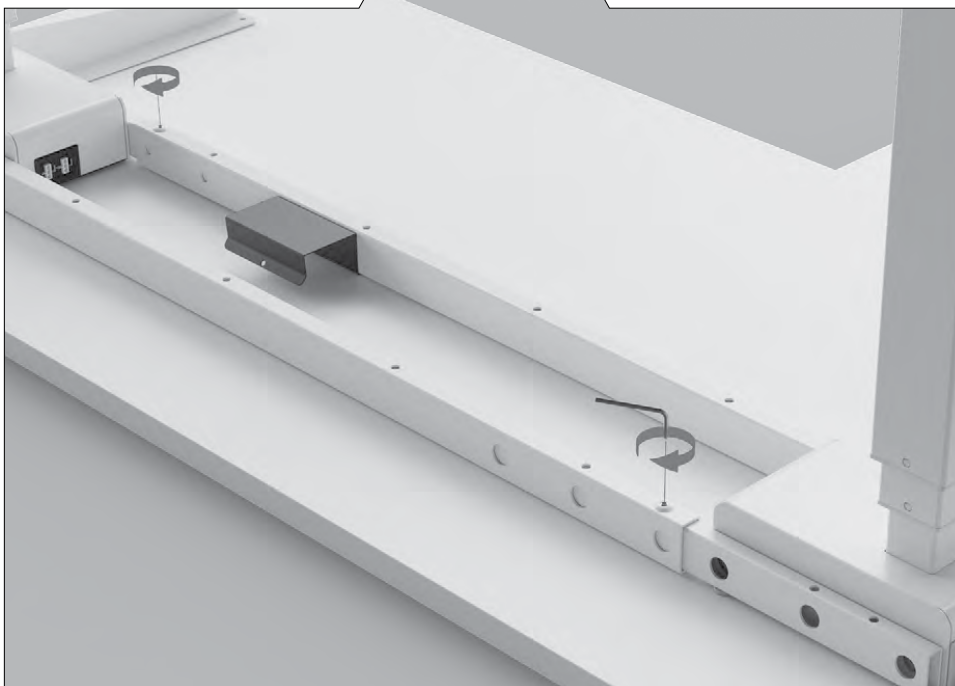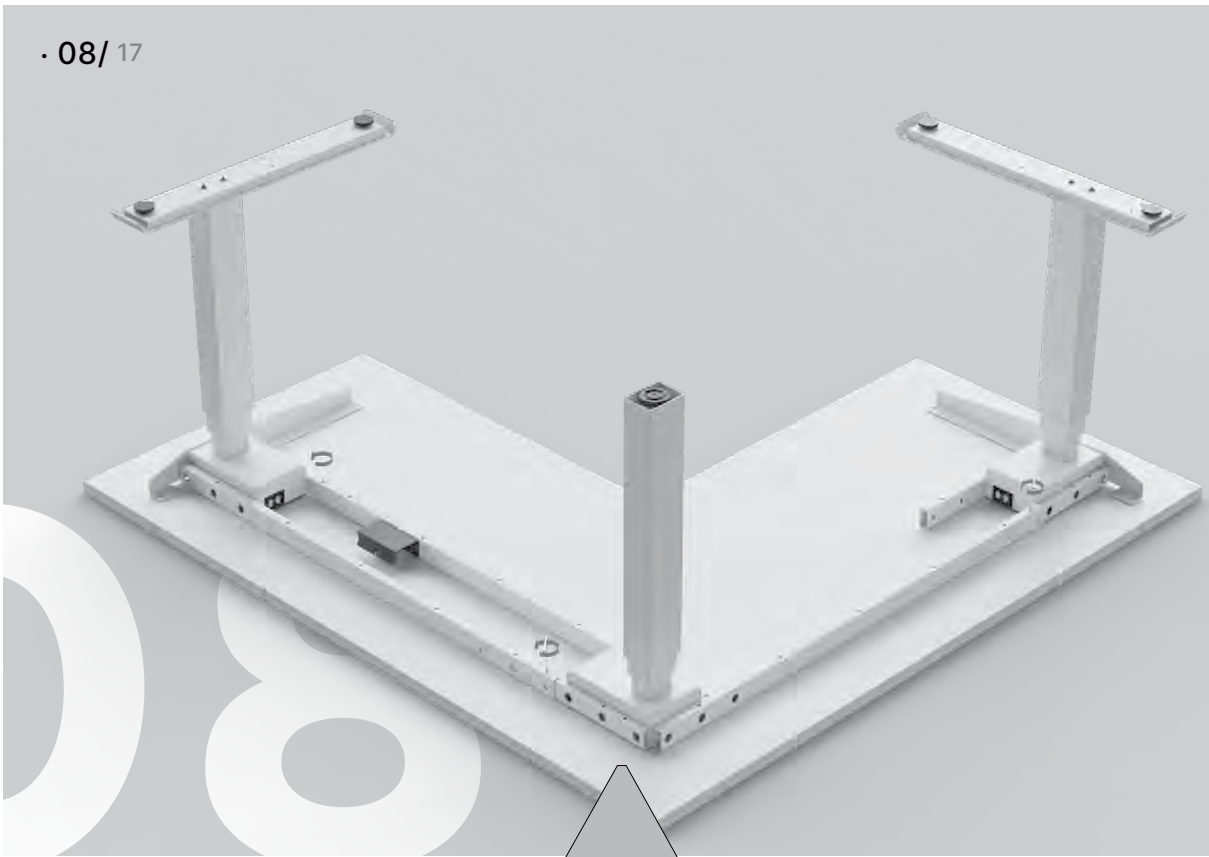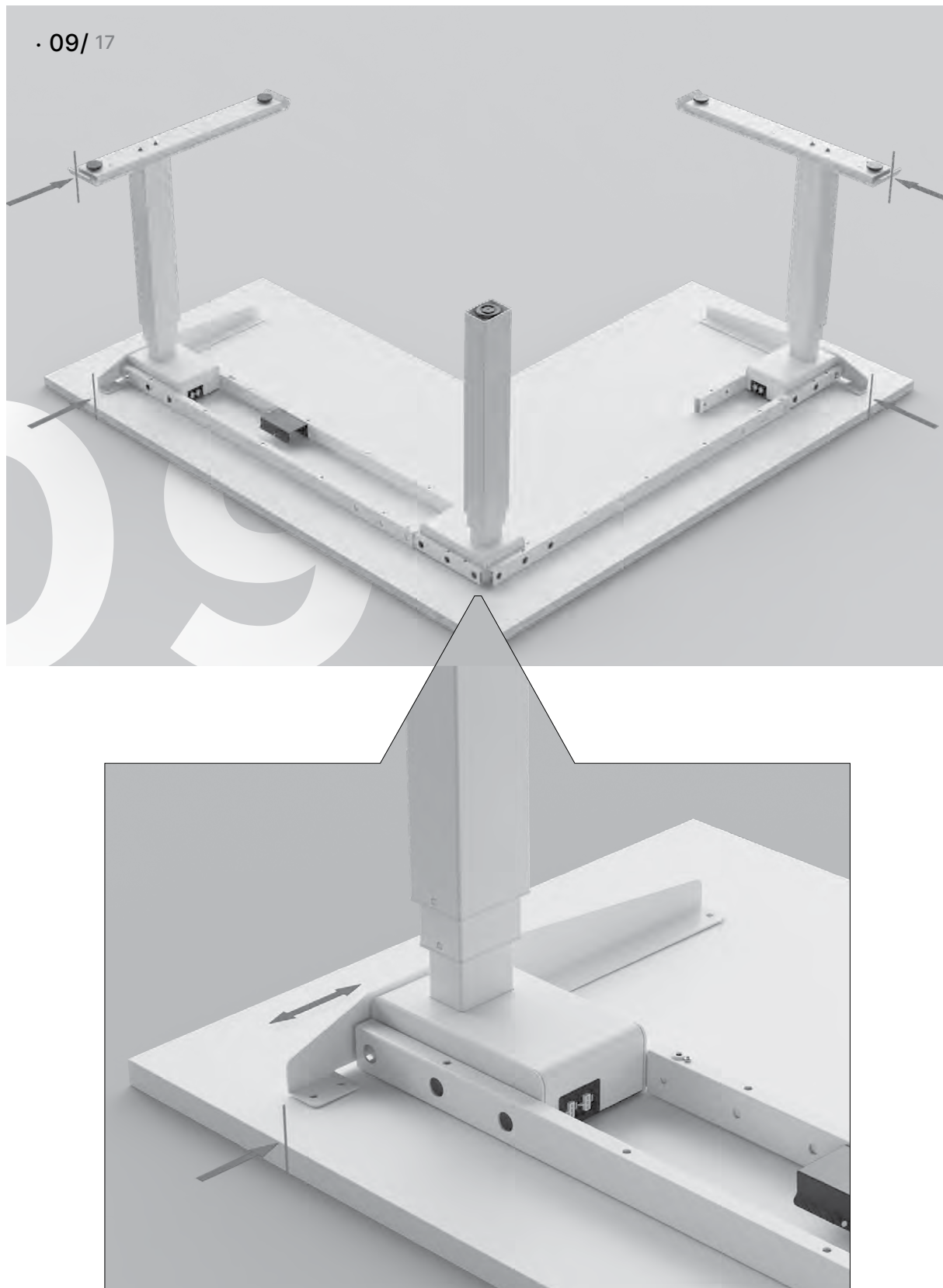
PH3T665LK: Step 10

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6 x

4 x

b   c
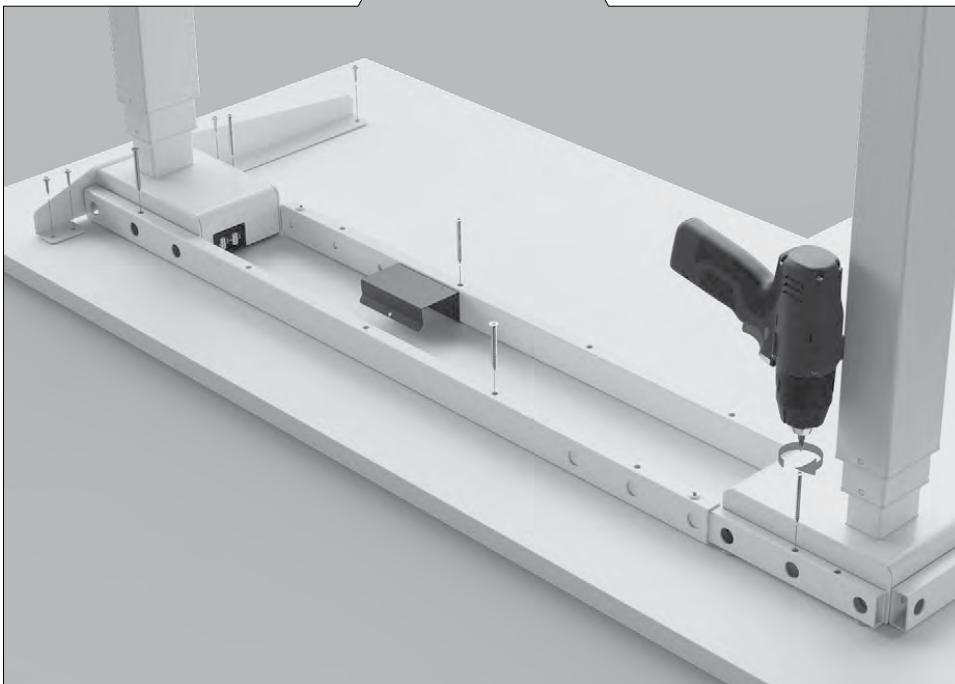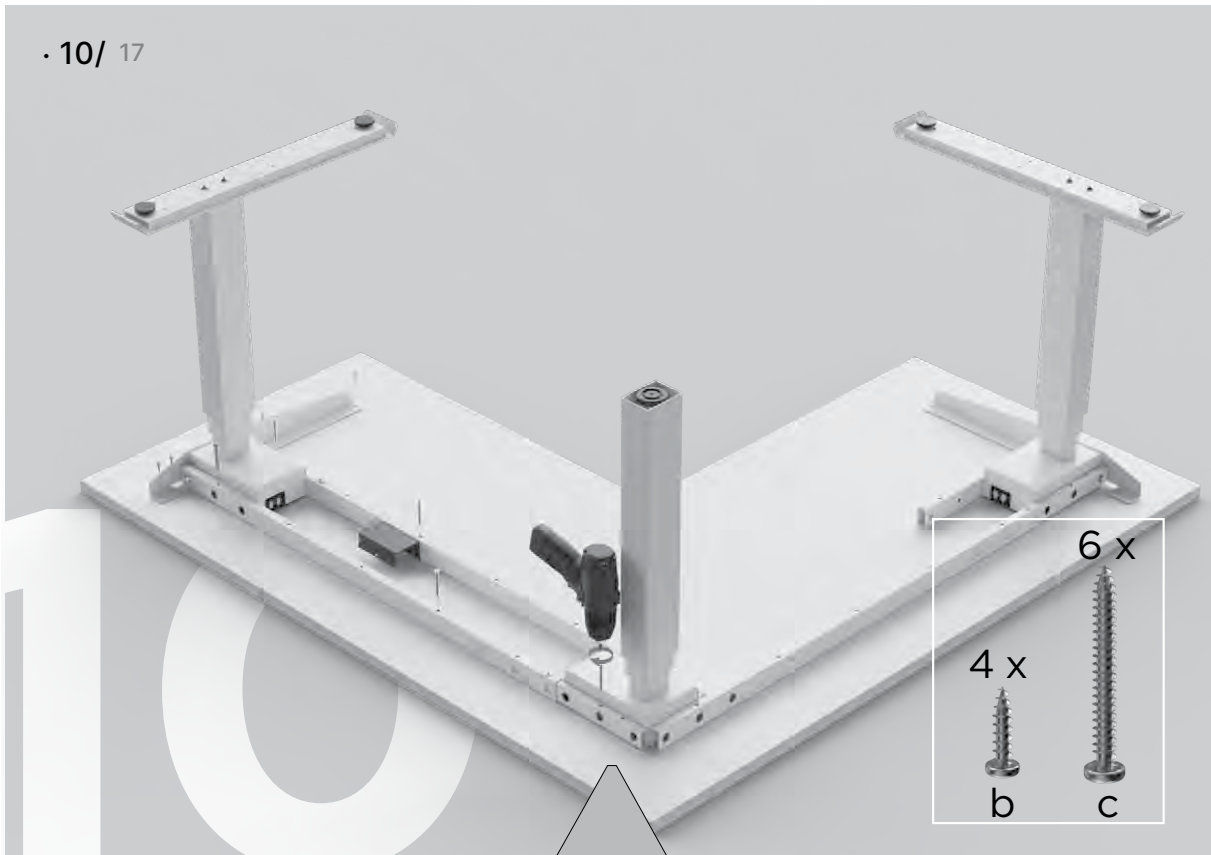
PH3T665LK: Step 11

· 11/ 17

4 x

4 x

b   c
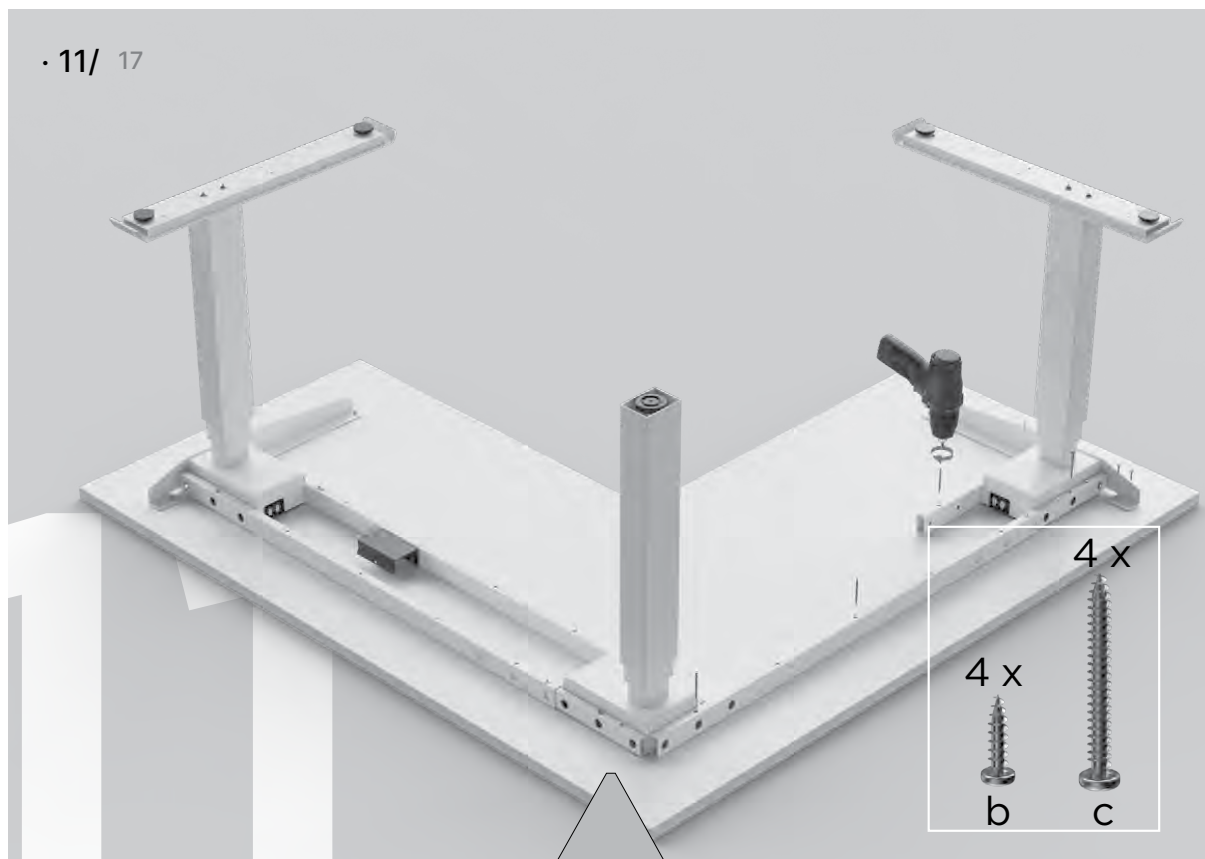
PH3T665LK: Step 12

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2 x

a

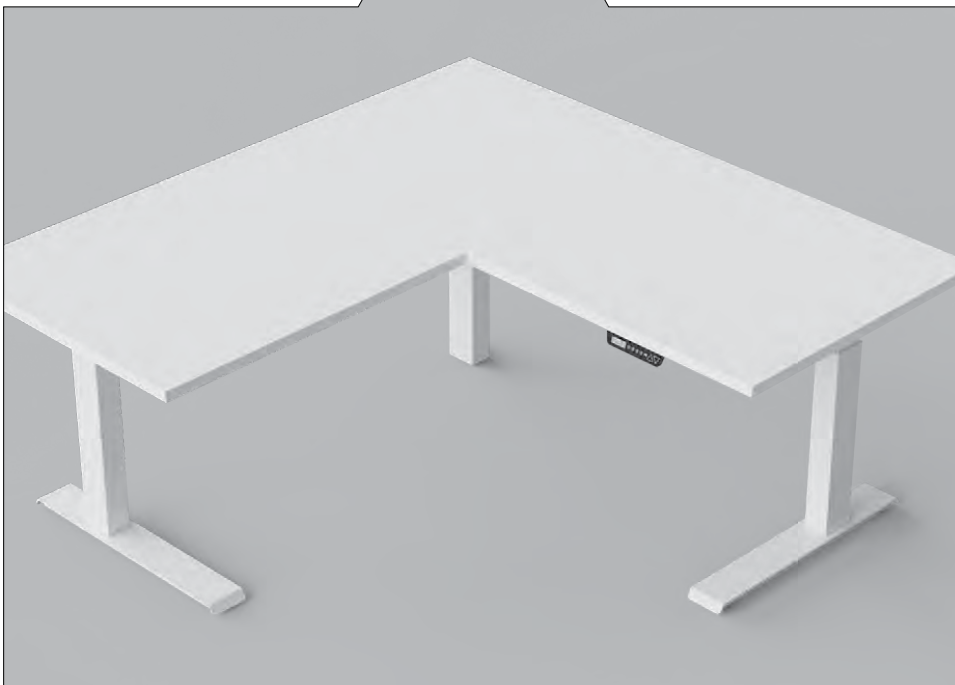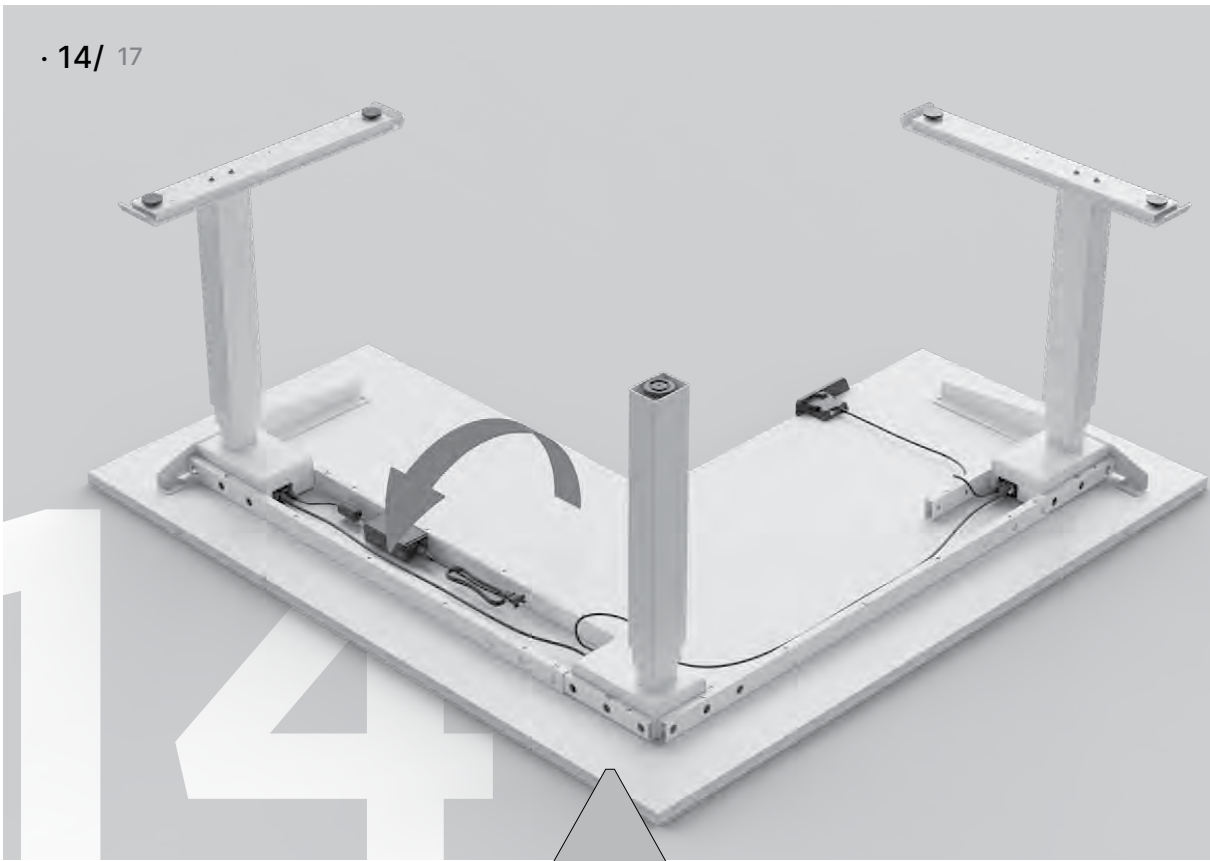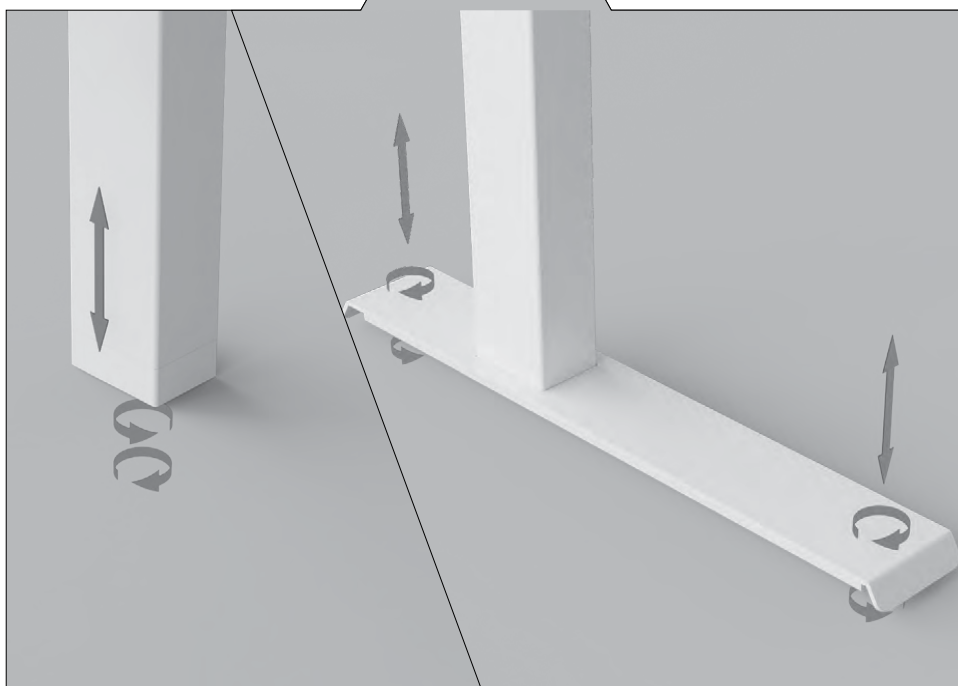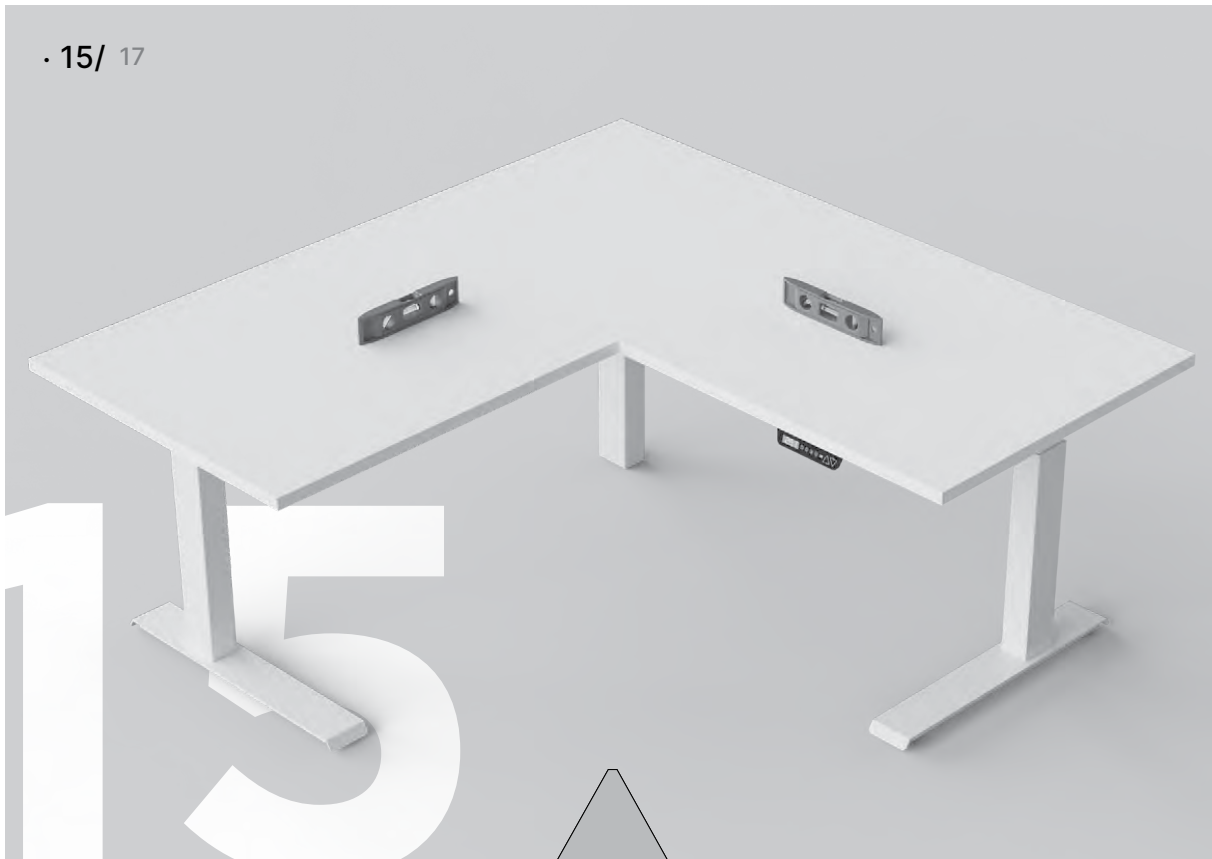**PH3T665LK: Step 13**

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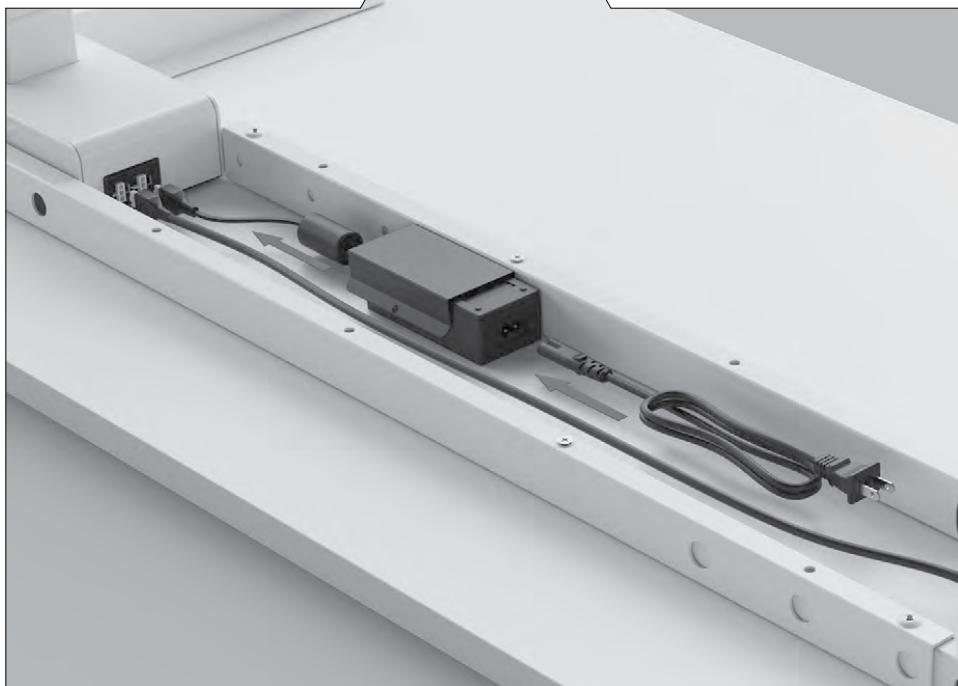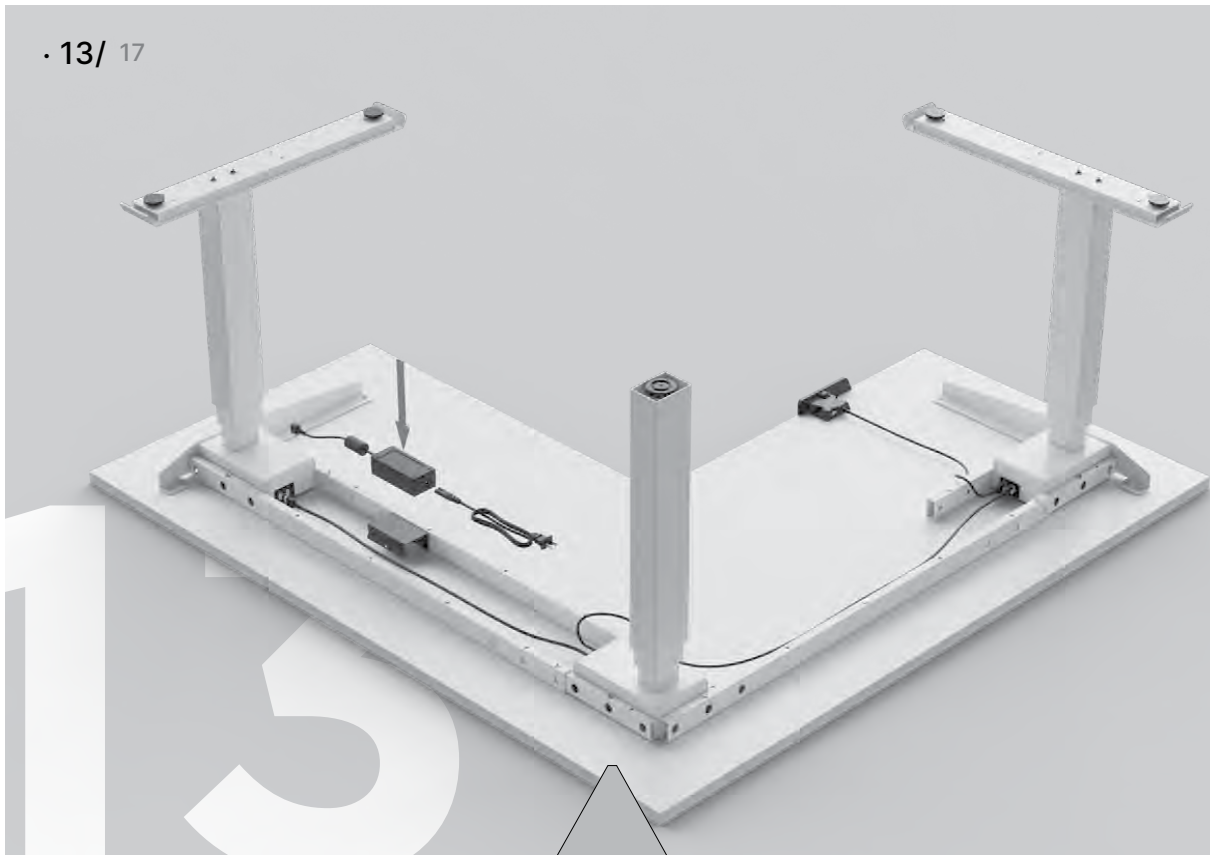
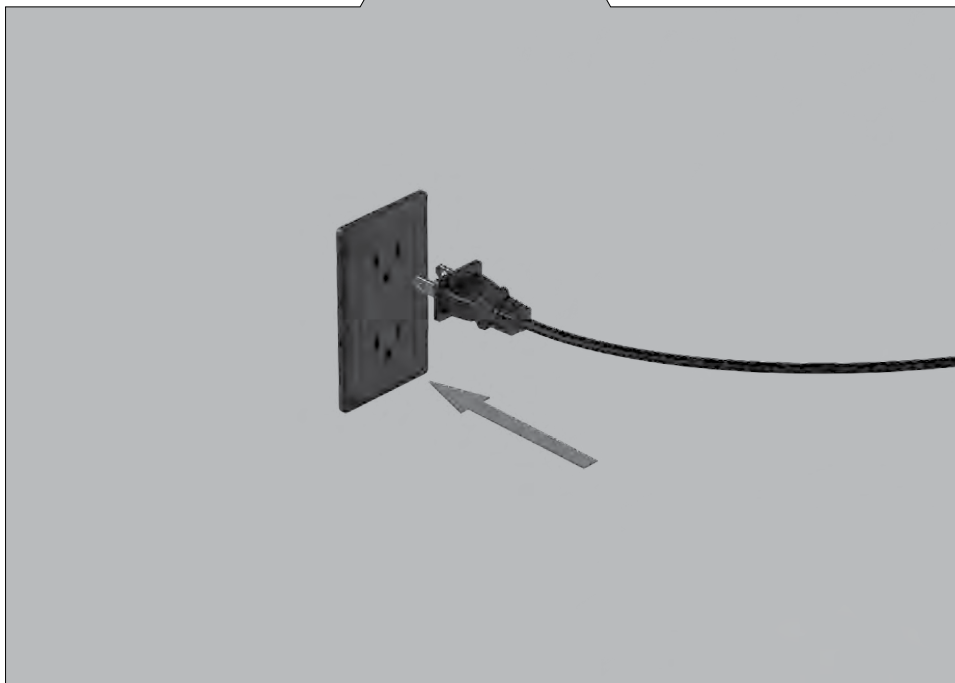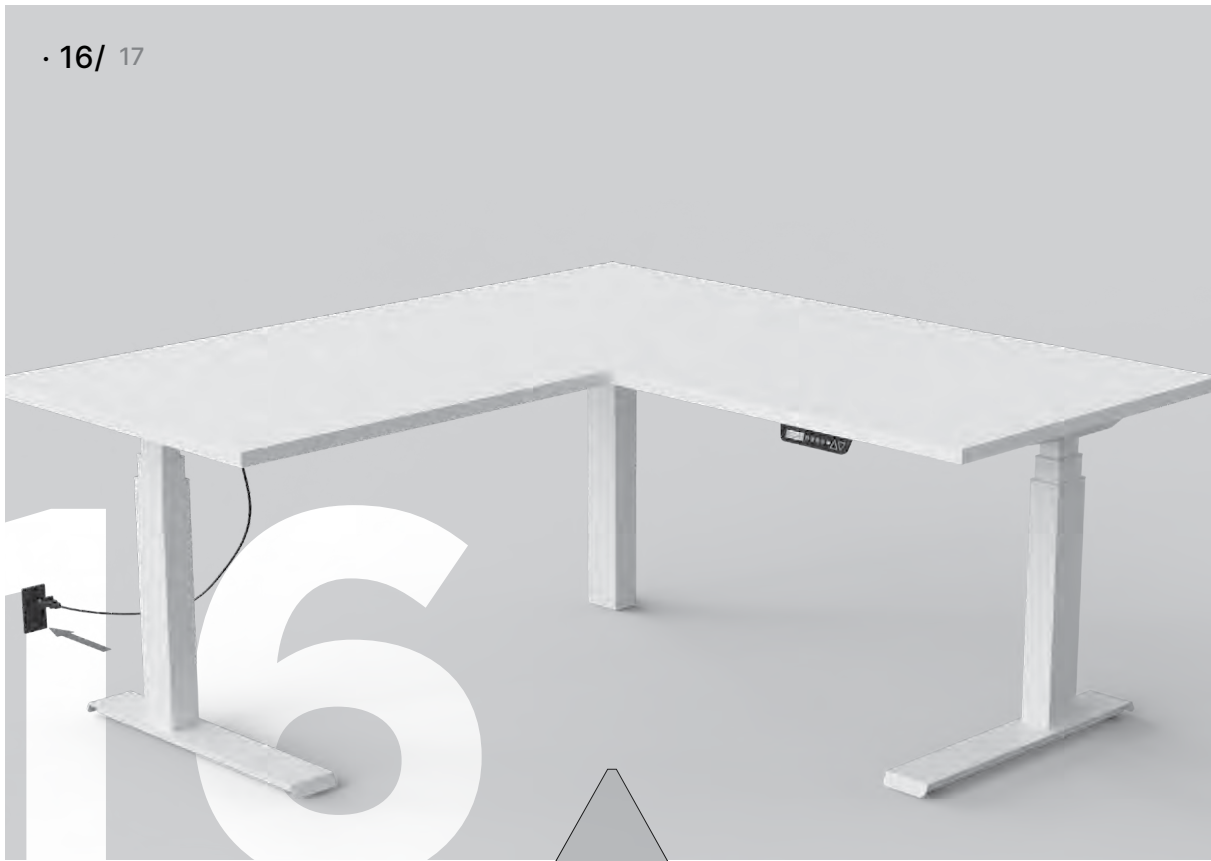**PH3T665LK: Step 14**
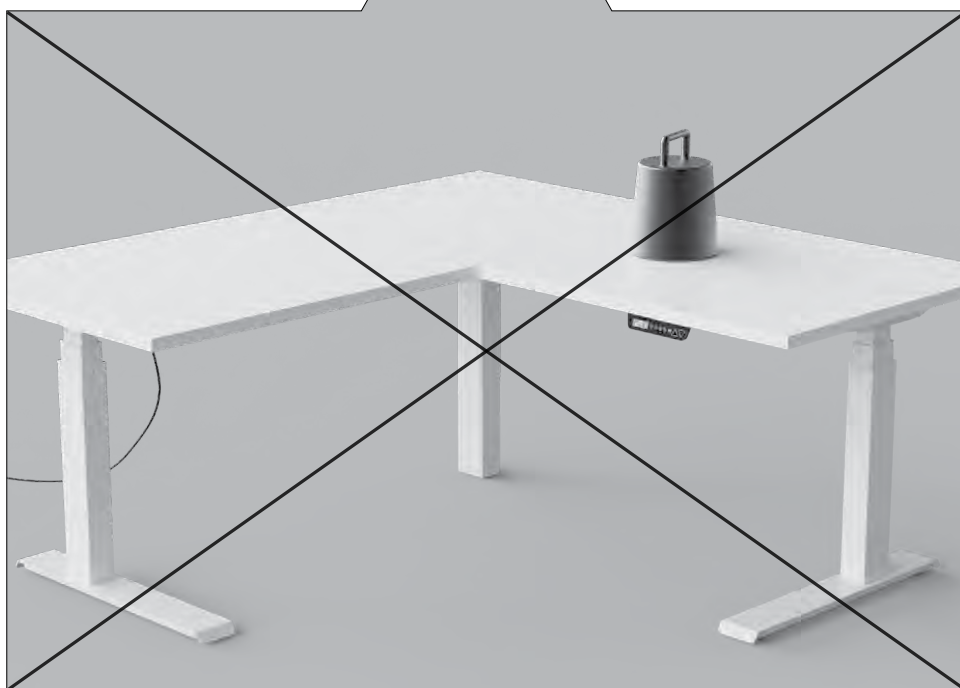
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PH3T665LK: Step 17 cont'd

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