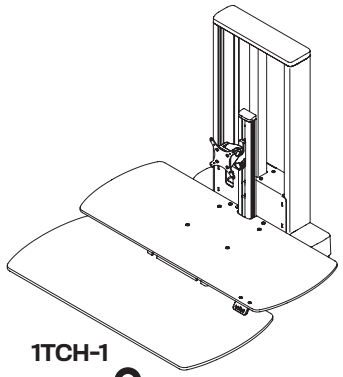
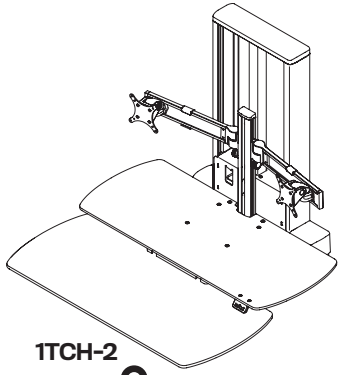
HAT
HUMAN ACTIVE TECHNOLOGY™

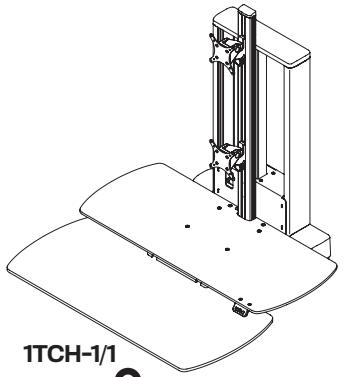
1TCH-XXX
Installation Instructions



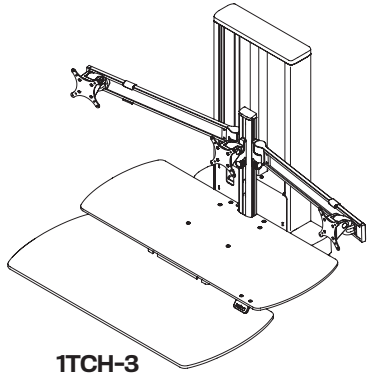
1TCH-1
49"w x 18"h MAX | 25 lbs MAX



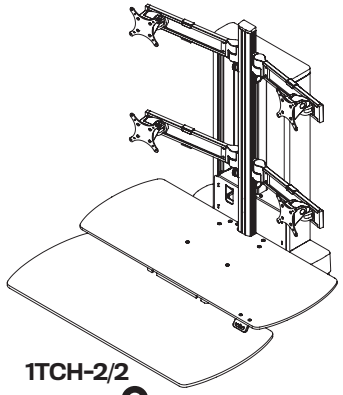
1TCH-2
27"w x 18"h MAX | 15 lbs MAX



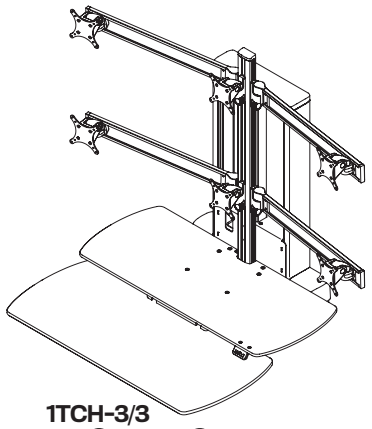
1TCH-1/1
49"w x 18"h MAX | 25 lbs MAX



1TCH-3
23"w x 18"h MAX | 25 lbs MAX Column | 15 lbs MAX Wings



1TCH-2/2
27"w x 18"h MAX | 15 lbs MAX



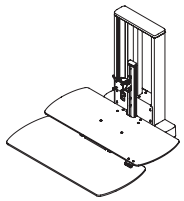
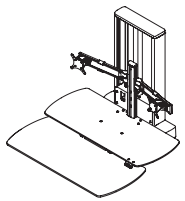
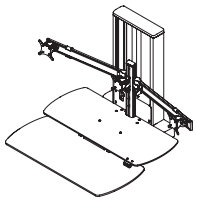
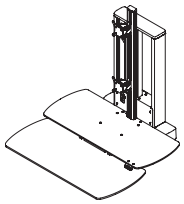
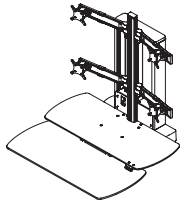
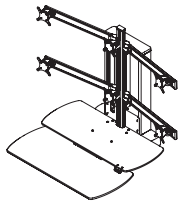
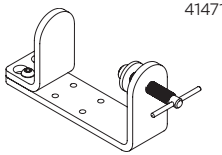
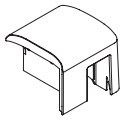
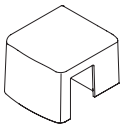
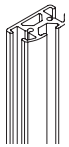
1TCH-3/3
23"w x 18"h MAX | 25 lbs MAX Column | 15 lbs MAX Wings

Human Active Technology
800 524 2744
customerservice@team-hat.com
team-hat.com

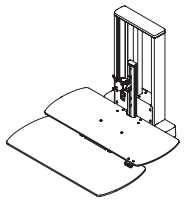
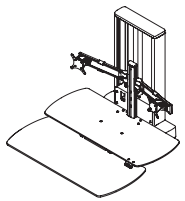
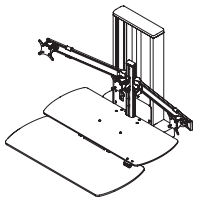
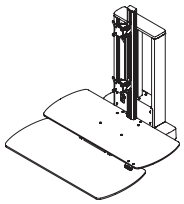
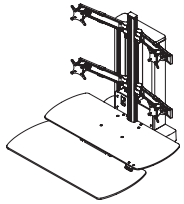
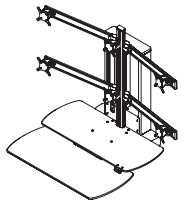
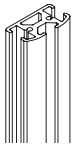
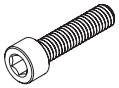
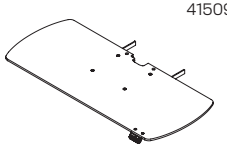
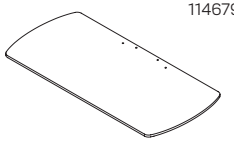
Scan or click
to watch the
installation video

© 2024 Human Active Technology, LLC P515495 REV D

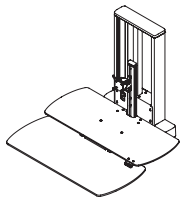
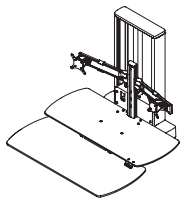
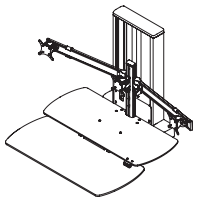
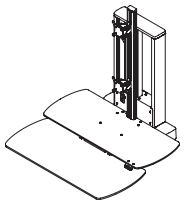
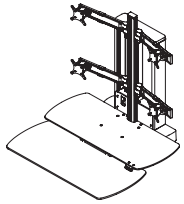
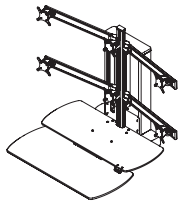
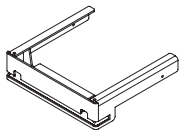
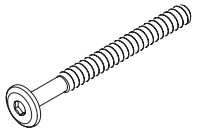
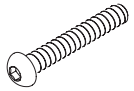
PARTS LIST

	1TCH-1	1TCH-2	1TCH-3	1TCH-1/1	1TCH-2/2	1TCH-3/3
						
A Clamp Mount 414717 	2x	2x	2x	2x	2x	2x
B Left Cap 114696L 	1x	1x	1x	1x	1x	1x
C Right Cap 114696R 	1x	1x	1x	1x	1x	1x
D Cap Door 115060	2x	2x	2x	2x	2x	2x
E Single Tier Column 115160-16 	1x	1x	1x	–	–	–

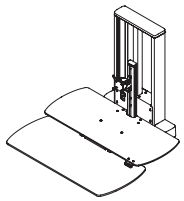
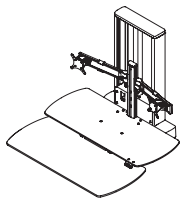
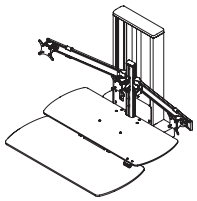
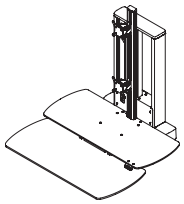
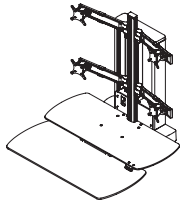
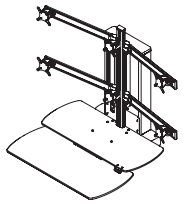
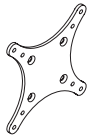
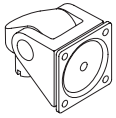
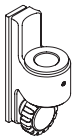
PARTS LIST CONTINUED

		1TCH-1	1TCH-2	1TCH-3	1TCH-1/1	1TCH-2/2	1TCH-3/3
							
F	Dual Tier Column 115160-33 	–	–	–	1x	1x	1x
G	M6-1.0 x 28mm SHCS 715498 	2x	2x	2x	2x	2x	2x
H	Upper Worksurface 415091 	1x	1x	1x	1x	1x	1x
I	M6-1.0 x 20mm FHSCS 715369 	2x	2x	2x	2x	2x	2x
J	Lower Worksurface 114679 	1x	1x	1x	1x	1x	1x

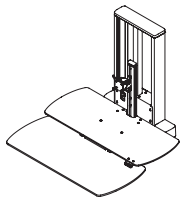
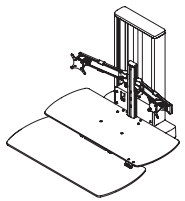
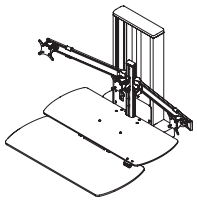
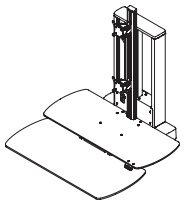
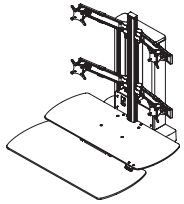
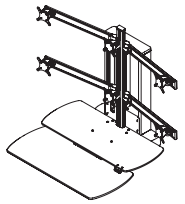
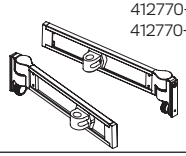
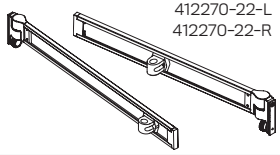
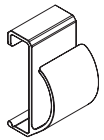
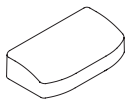
PARTS LIST CONTINUED

	1TCH-1	1TCH-2	1TCH-3	1TCH-1/1	1TCH-2/2	1TCH-3/3
						
K Lower Worksurface Mount 414763 	1x	1x	1x	1x	1x	1x
L M6-1.0 x 70mm BHSCS 715368 	2x	2x	2x	2x	2x	2x
M M6-1.0 x 40mm BHSCS 715367 	2x	2x	2x	2x	2x	2x
N M6-1.0 x 14mm BHSCS 715366	2x	2x	2x	2x	2x	2x
O 10-32 x 3/8" PhFHS 701164	4x	8x	12x	8x	16x	24x

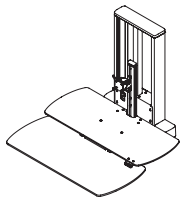
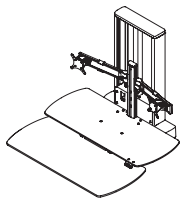
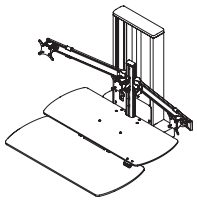
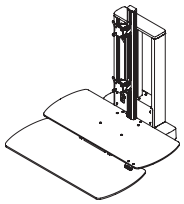
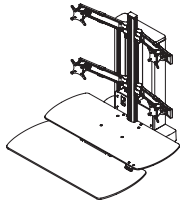
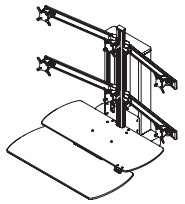
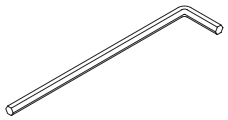
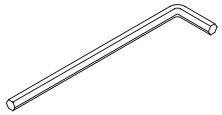
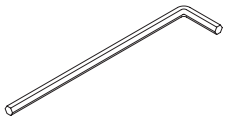
PARTS LIST CONTINUED

		1TCH-1	1TCH-2	1TCH-3	1TCH-1/1	1TCH-2/2	1TCH-3/3
							
P	75/100mm VESA Adapter 105587 	1x	2x	3x	2x	4x	6x
Q	Standard Monitor Tilter 405397 	1x	2x	3x	2x	4x	6x
R	M4 x 12mm PhPHS 701153 	4x	8x	12x	8x	16x	24x
S	Column Mount 412552 	1x	2x	3x	2x	4x	6x
T	Dog Washer 111230 	1x	2x	3x	2x	4x	6x

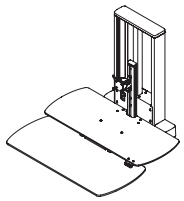
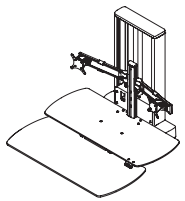
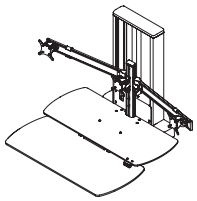
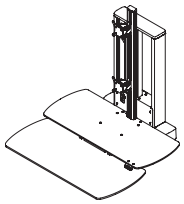
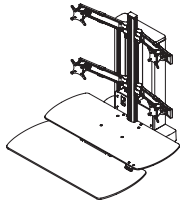
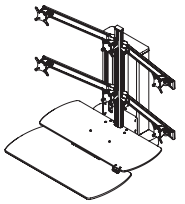
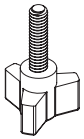
PARTS LIST CONTINUED

	1TCH-1	1TCH-2	1TCH-3	1TCH-1/1	1TCH-2/2	1TCH-3/3
						
U 10-32 x 1/2" FHSCS 711240 	1x	1x	1x	1x	1x	1x
V Dual Wings 412770-12.5-L 412770-12.5-R 	–	1x	–	–	2x	–
W Triple Wings 412270-22-L 412270-22-R 	–	–	1x	–	–	2x
X Wing Cable Clip 112082 	–	2x	2x	–	4x	4x
Y Column Cap 113496 	1x	1x	1x	1x	1x	1x

PARTS LIST CONTINUED

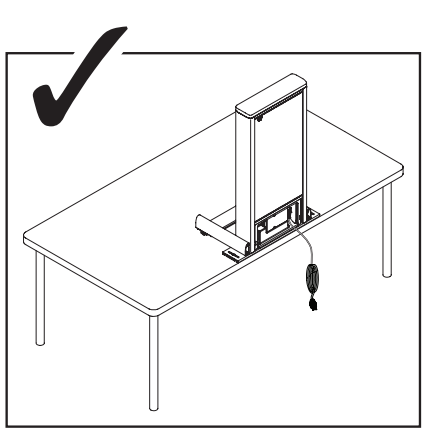
	1TCH-1	1TCH-2	1TCH-3	1TCH-1/1	1TCH-2/2	1TCH-3/3
						
Z 3/32" Allen Wrench 700146	1x	1x	1x	1x	1x	1x
AA 1/8" Allen Wrench 701312	1x	1x	1x	1x	1x	1x
BB 5mm Allen Wrench 710838 	1x	1x	1x	1x	1x	1x
CC 7/32" Allen Wrench 701127 	1x	1x	1x	1x	1x	1x
DD 4mm Allen Wrench 715426 	1x	1x	1x	1x	1x	1x

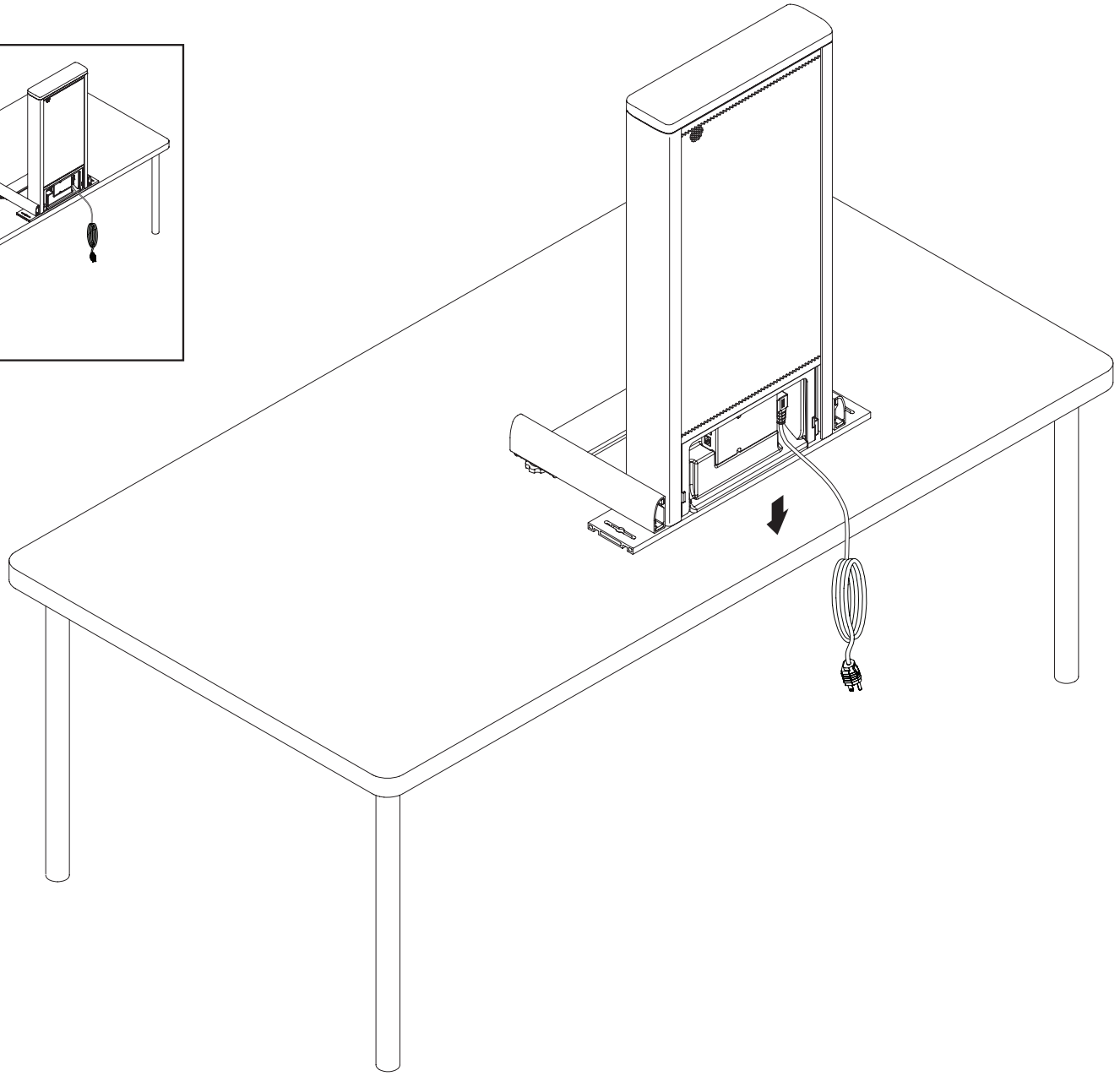
PARTS LIST CONTINUED

		1TCH-1	1TCH-2	1TCH-3	1TCH-1/1	1TCH-2/2	1TCH-3/3
							
EE	1/4 -20 x 1" Knob 712779 	4x	4x	4x	4x	4x	4x
FF	1/4-20 Square Nut 712785 	4x	4x	4x	4x	4x	4x

* Thru mount hardware not included.

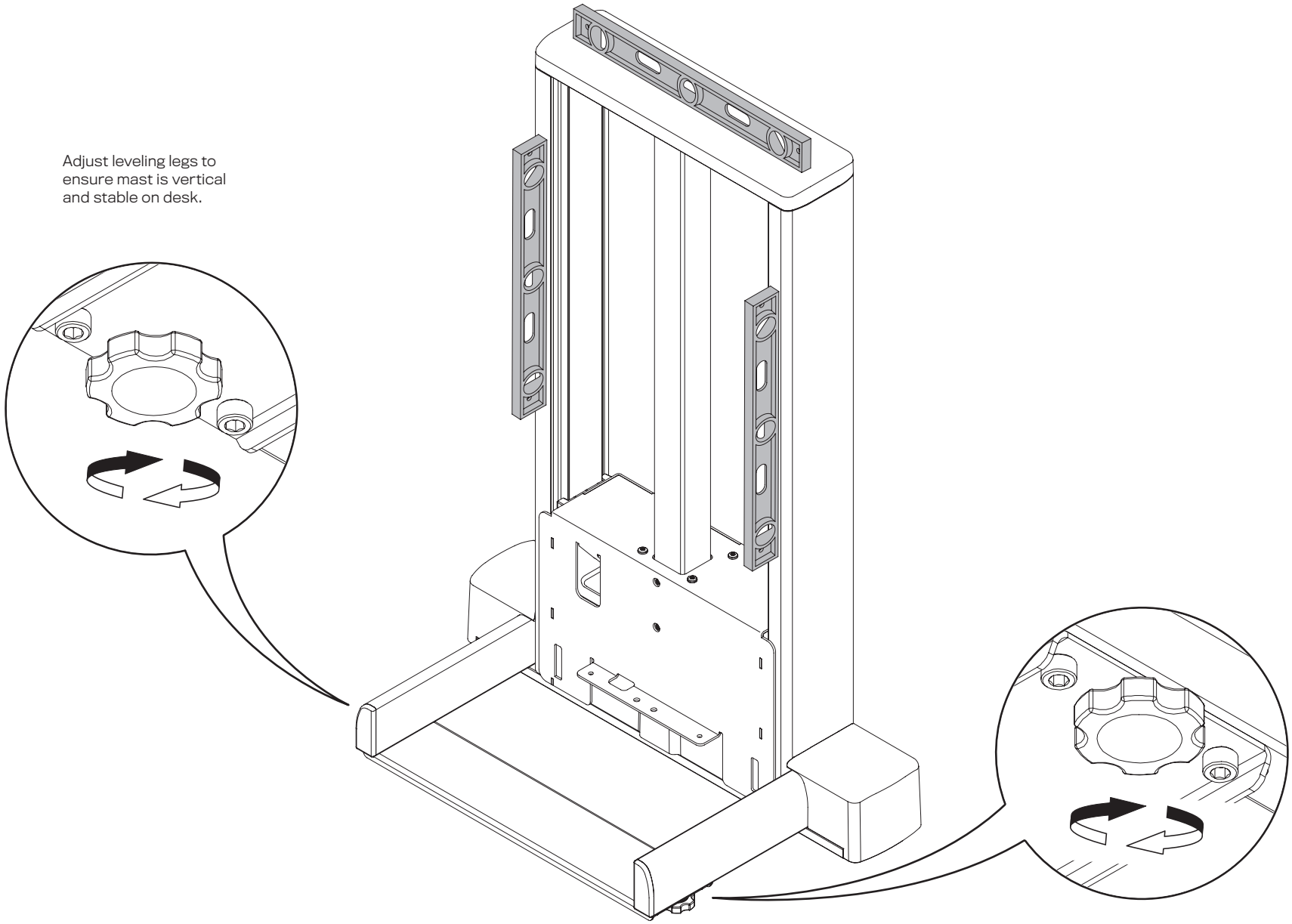
1



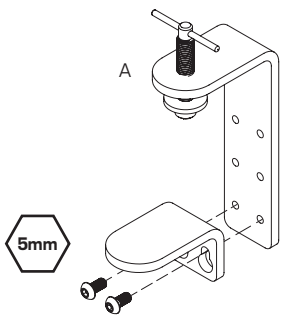


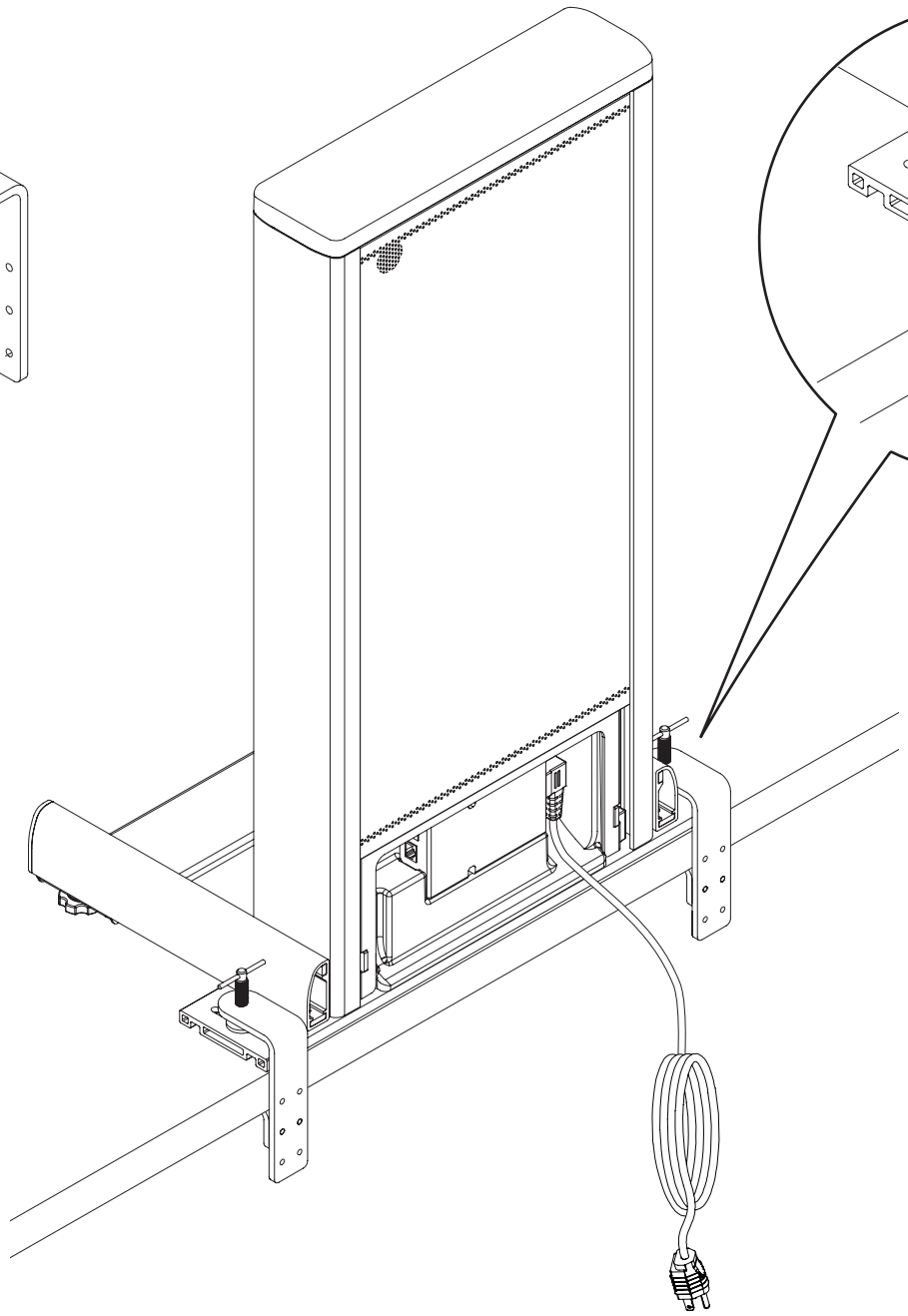
2

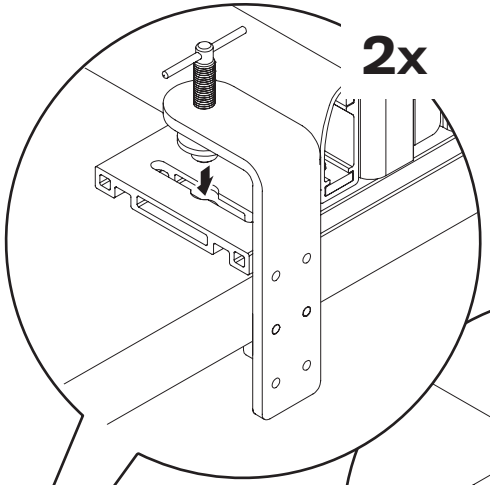
Adjust leveling legs to ensure mast is vertical and stable on desk.

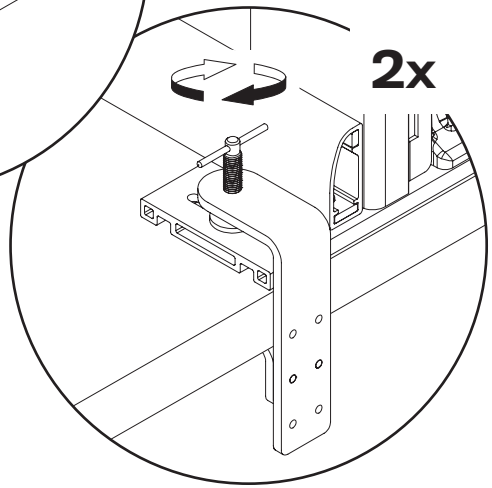


3 CLAMP MOUNT CONFIGURATION*

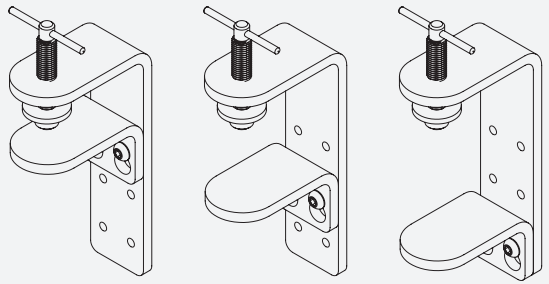






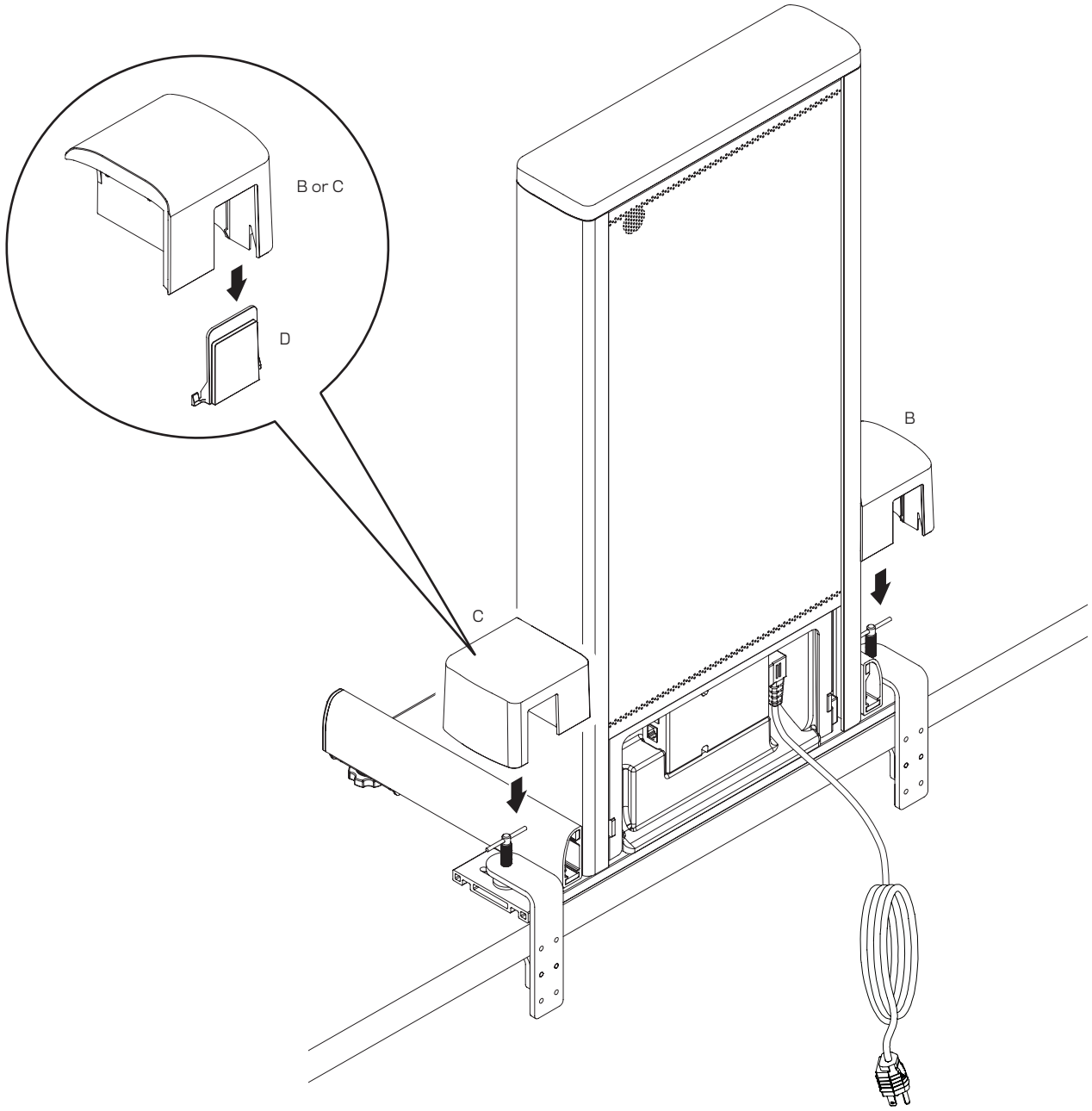


The clamp mount can be reconfigured to three different settings to accommodate a variety of desk thicknesses.



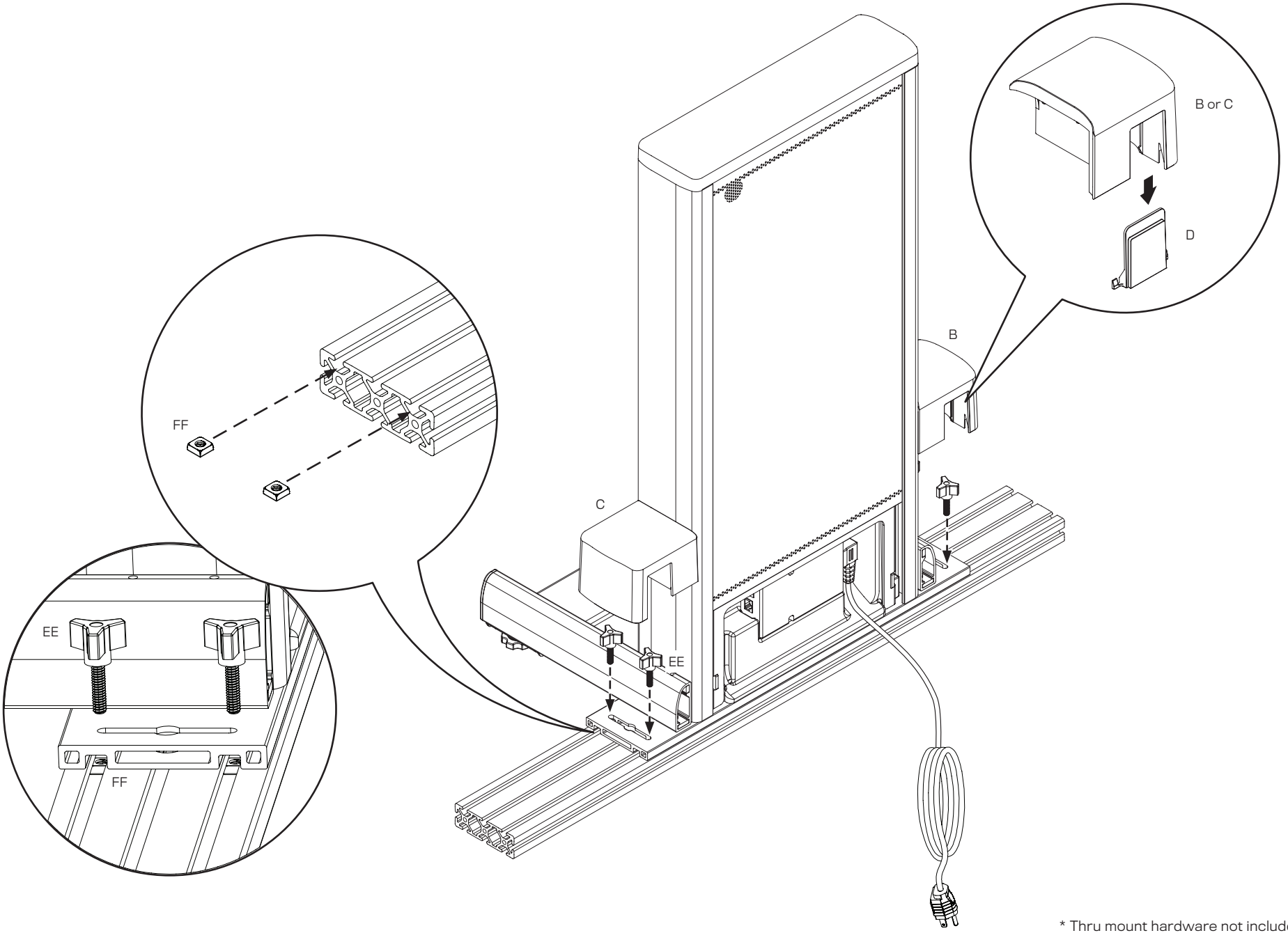
* Thru mount hardware not included.

4



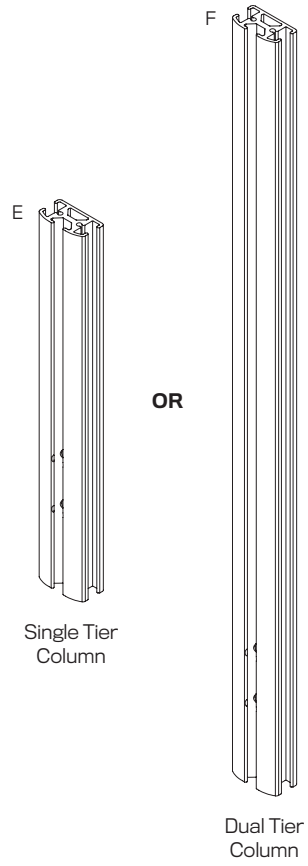
* Thru mount hardware not included.

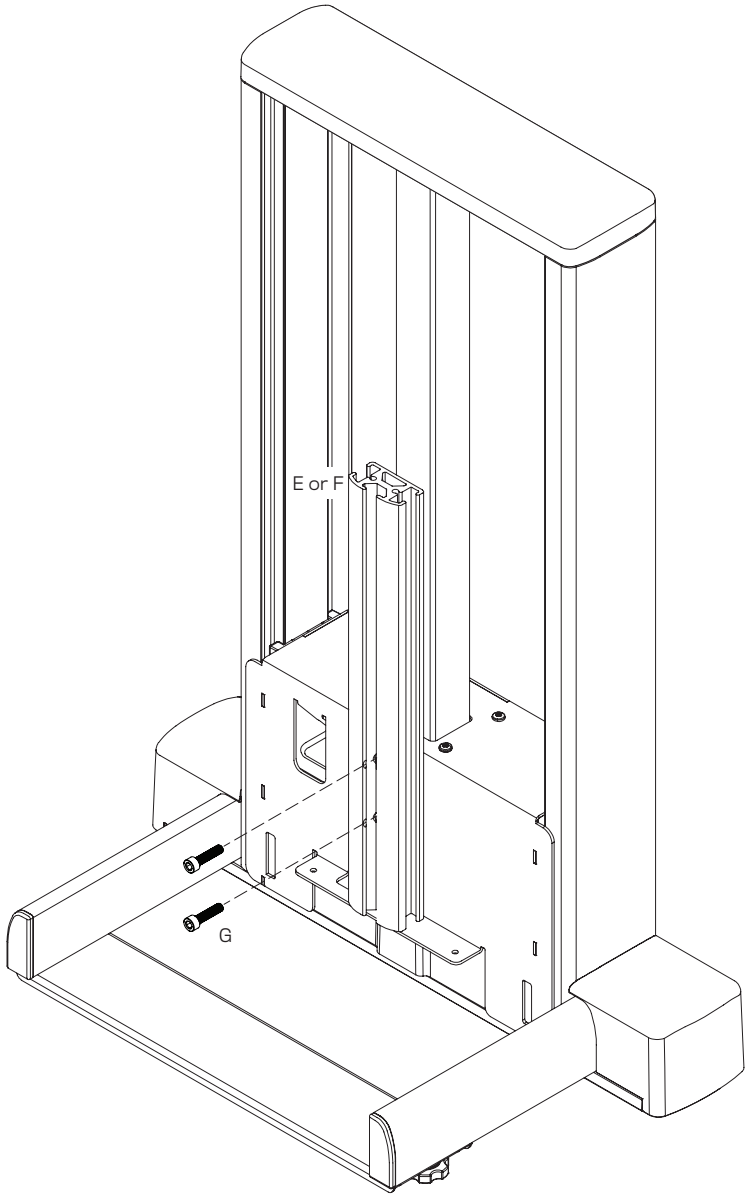
5 RAIL MOUNT CONFIGURATION*

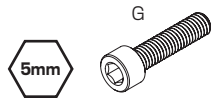


* Thru mount hardware not included.

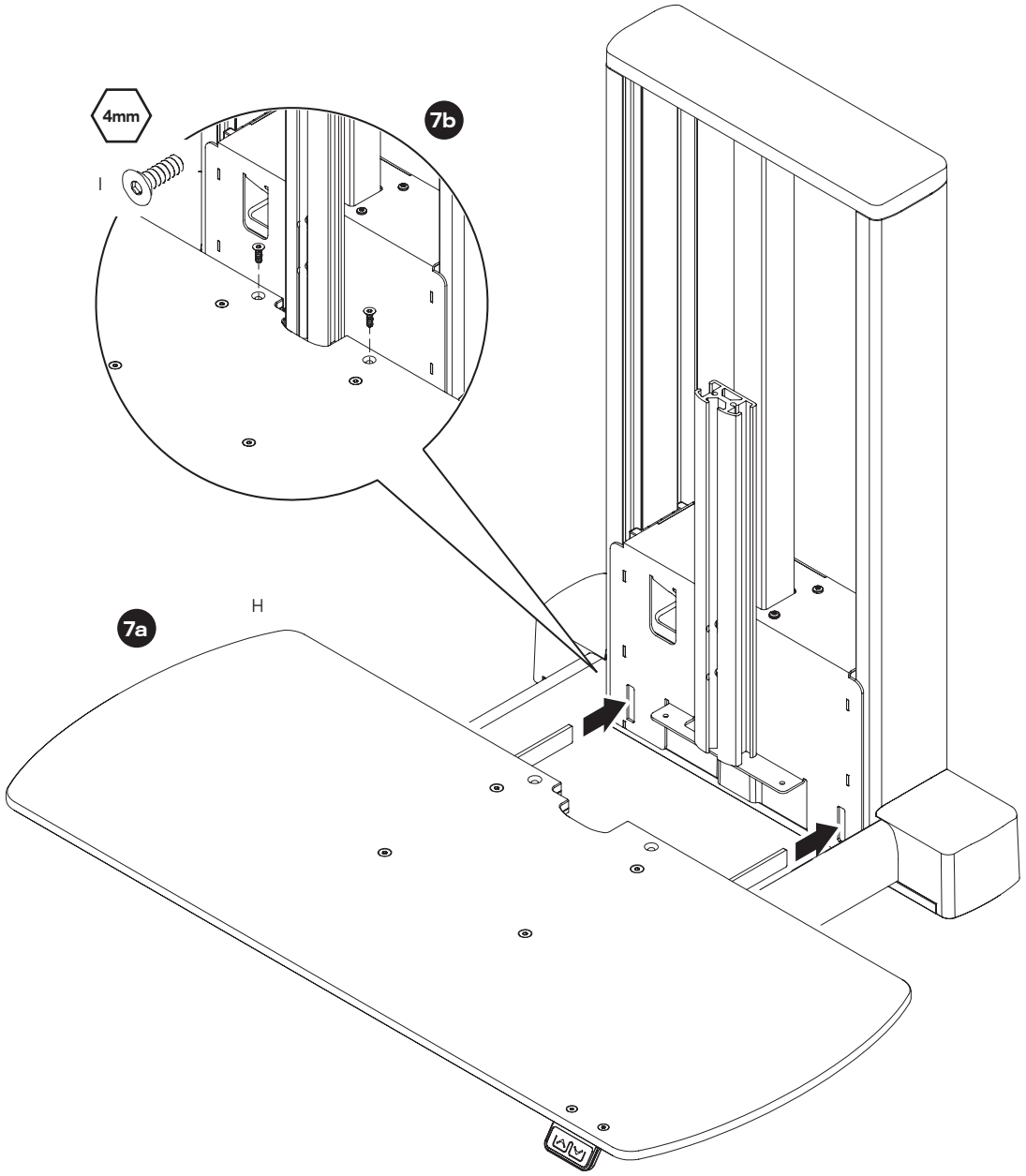
6



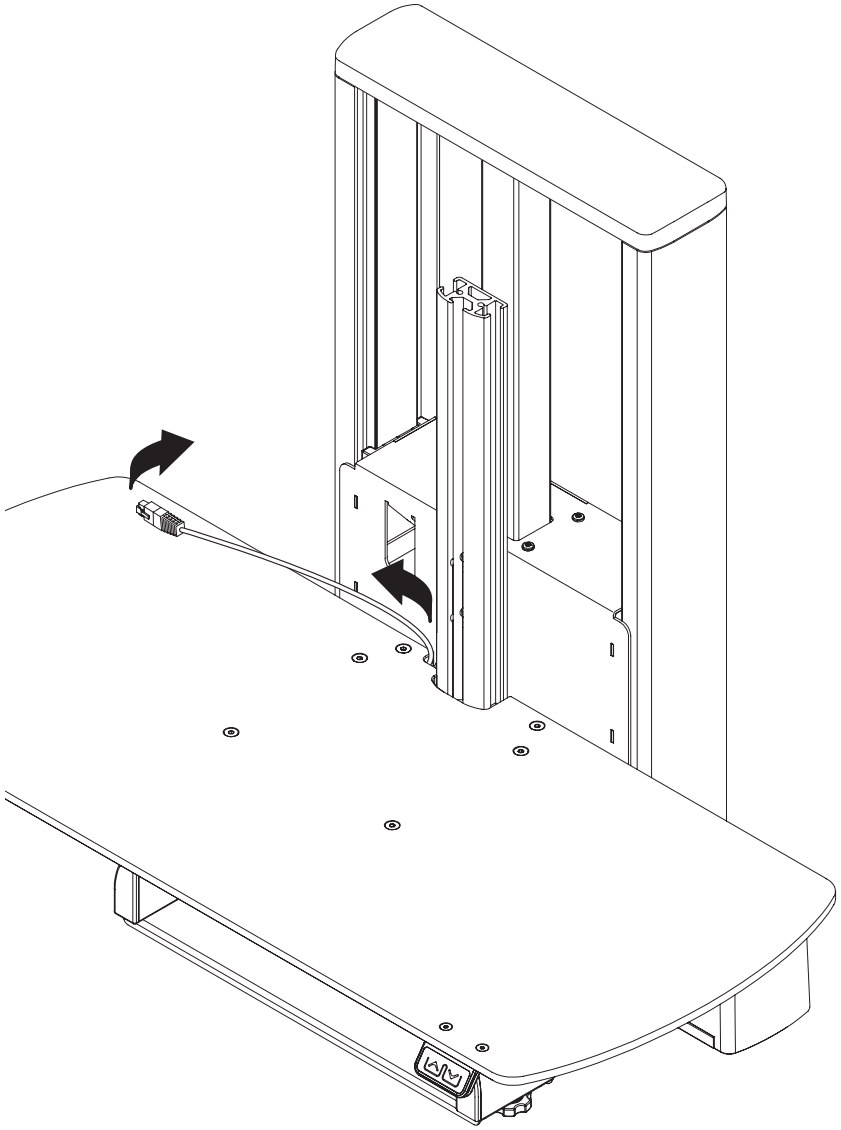


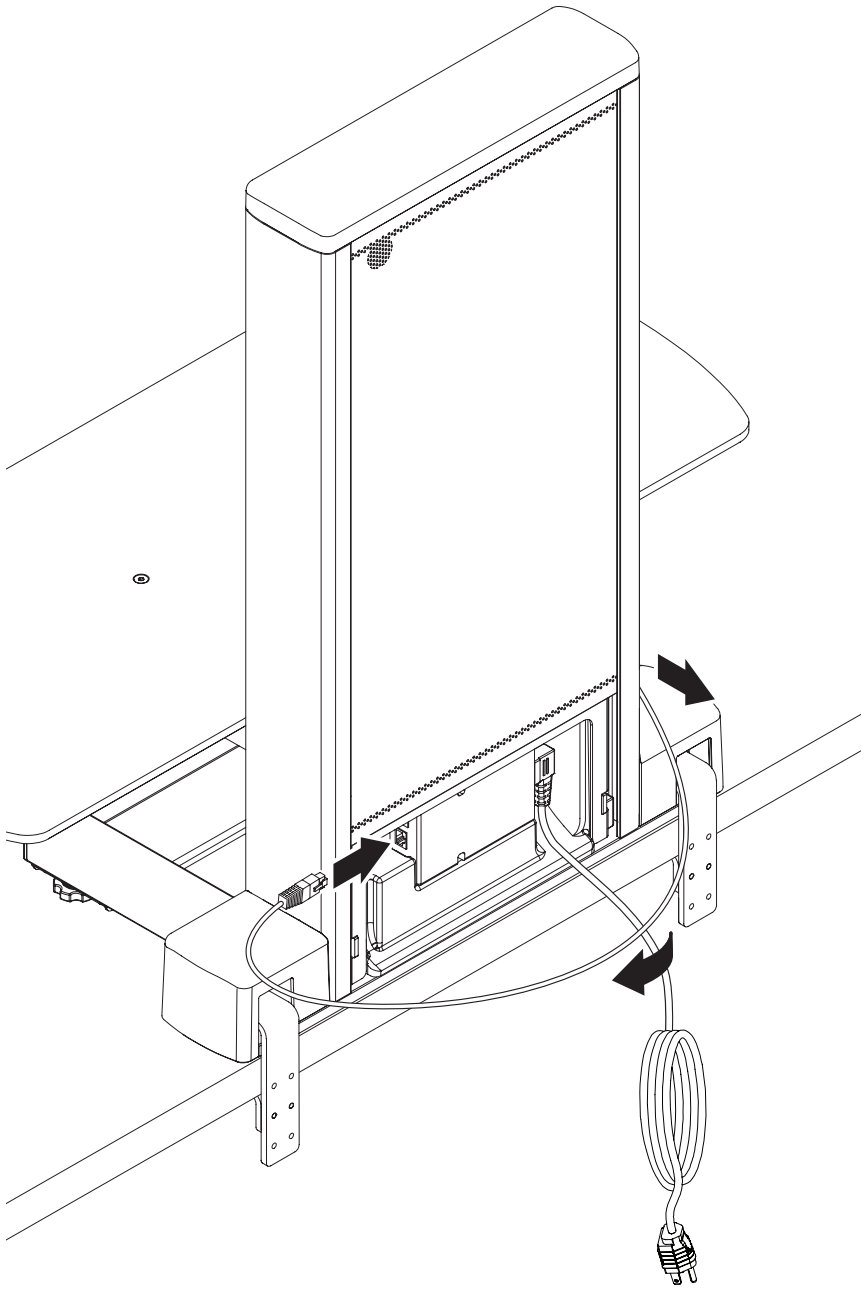


7

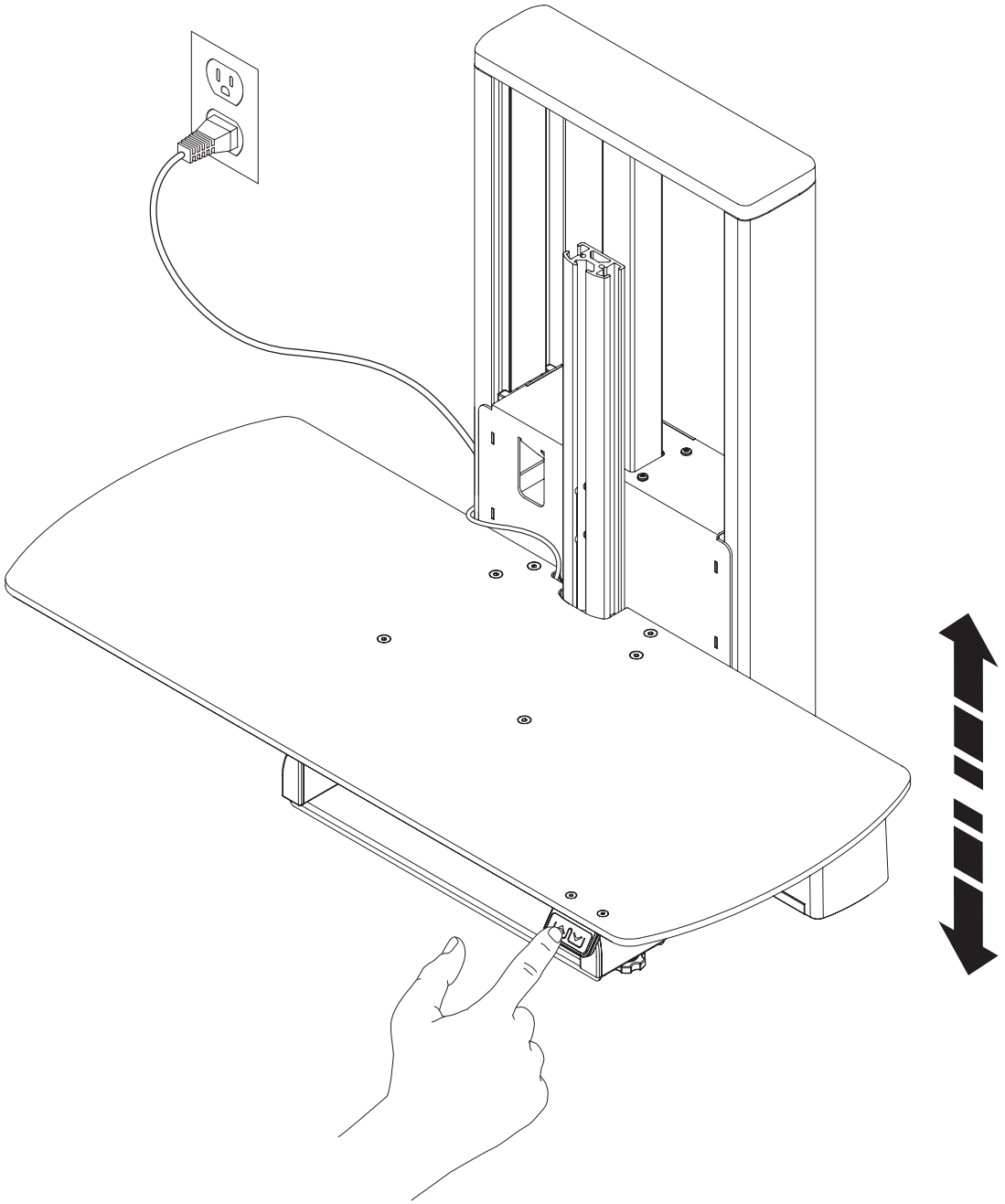


8





9

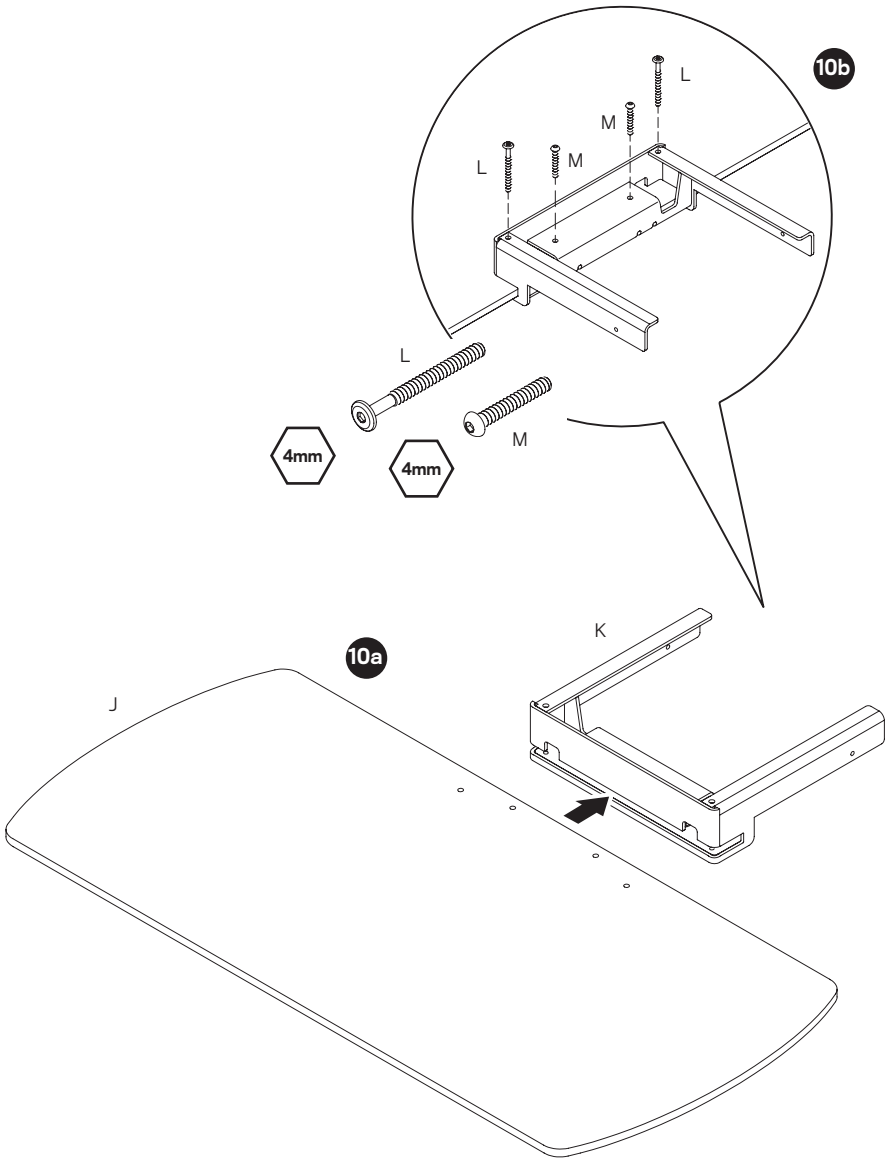


Plug in power cable to electrical outlet.

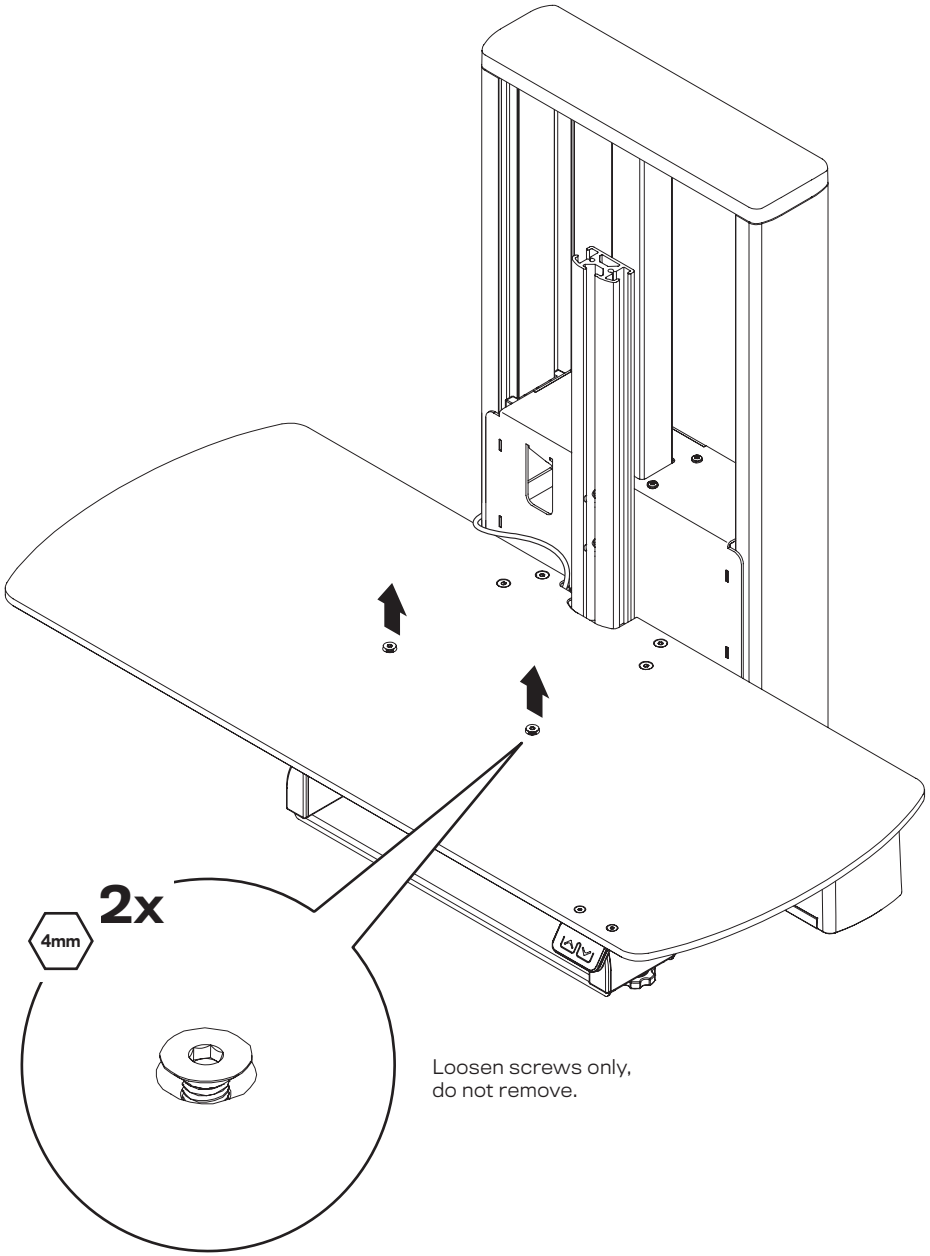
Test operation by pressing the up and down buttons.

Leave unit in a raised or lowered position to make installation easier as needed.

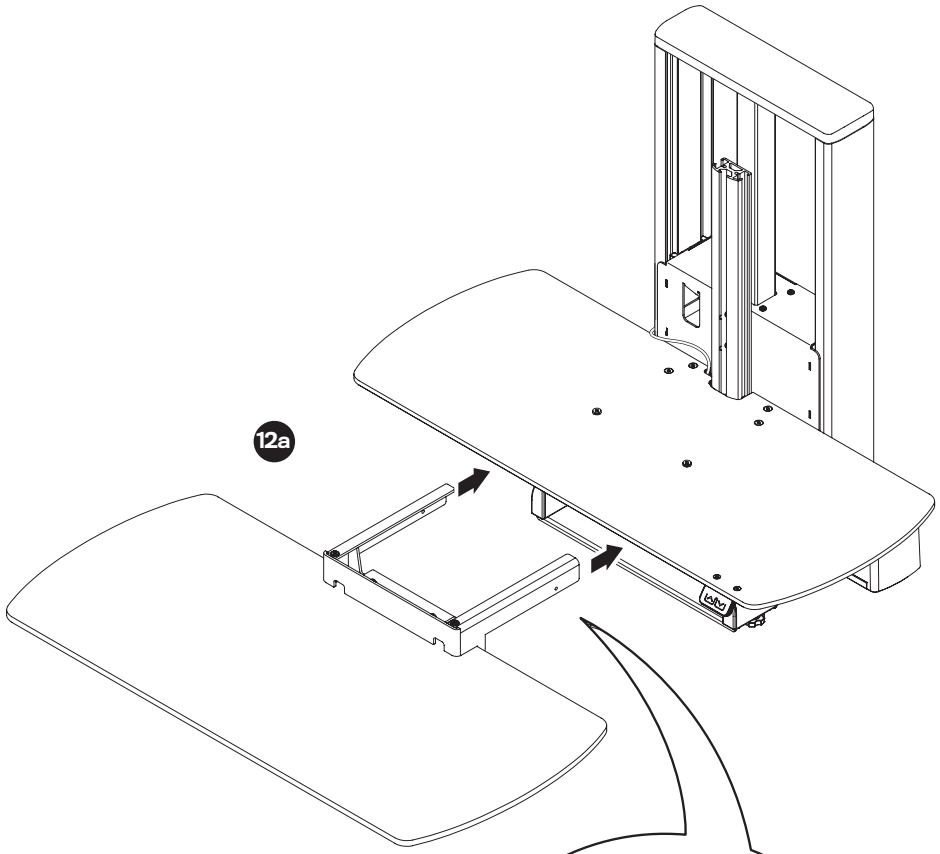
10


10b
L
M
L
M
L
M
4mm
4mm
10a
K
J

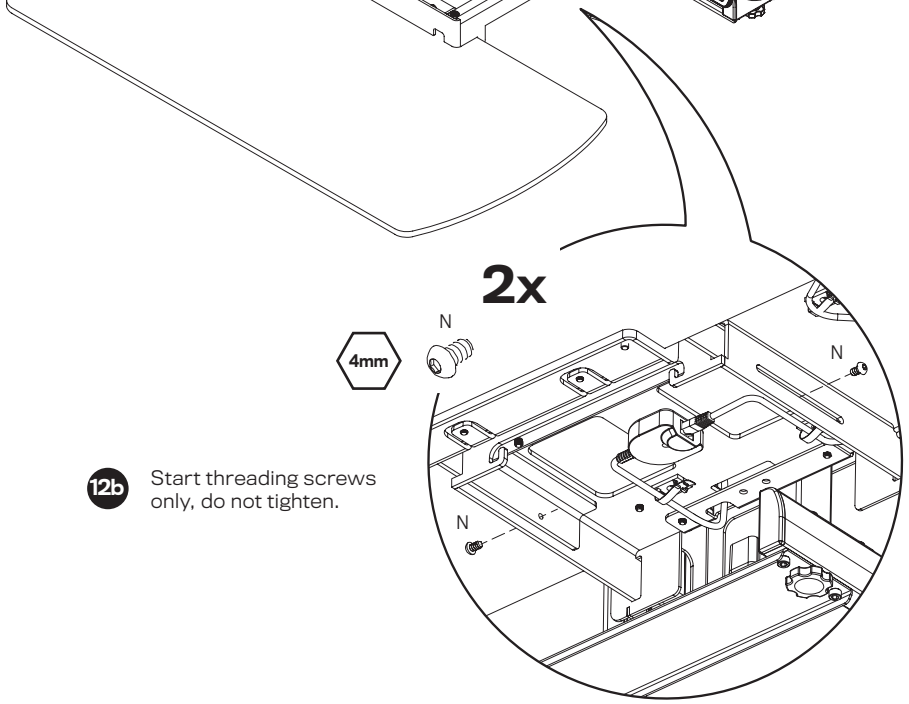
11


2x
4mm
Loosen screws only,
do not remove.

12

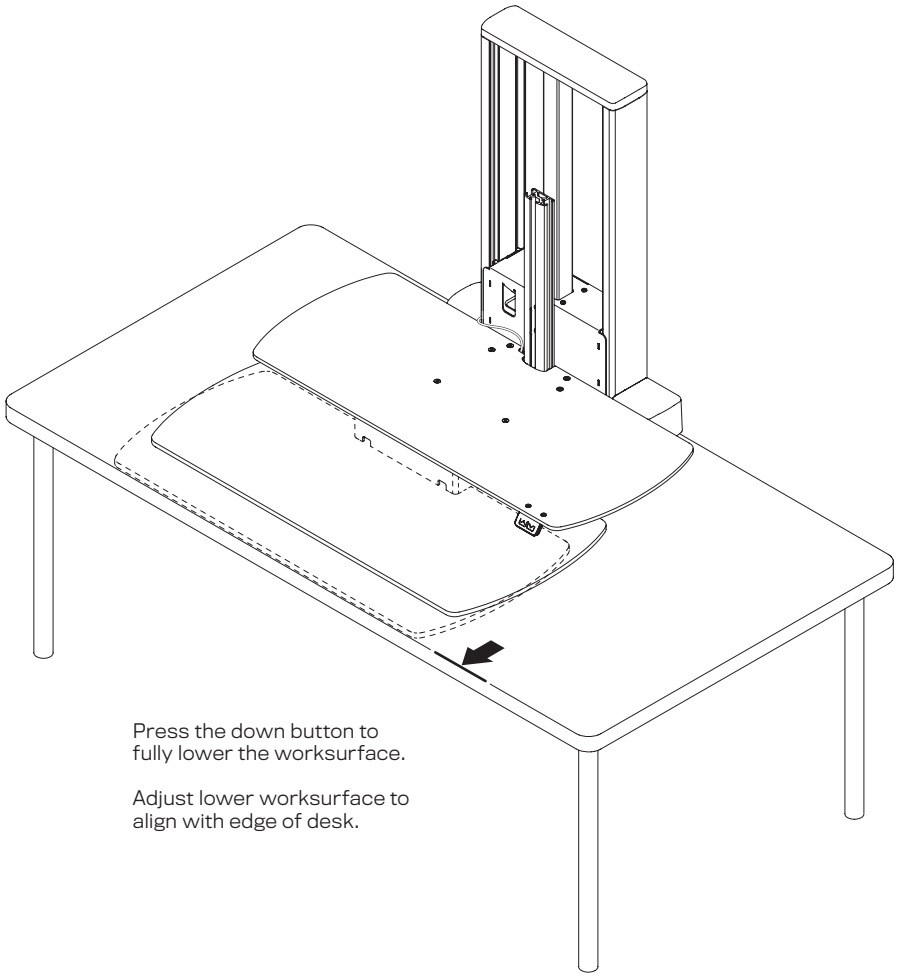


12a



12b Start threading screws only, do not tighten.

13

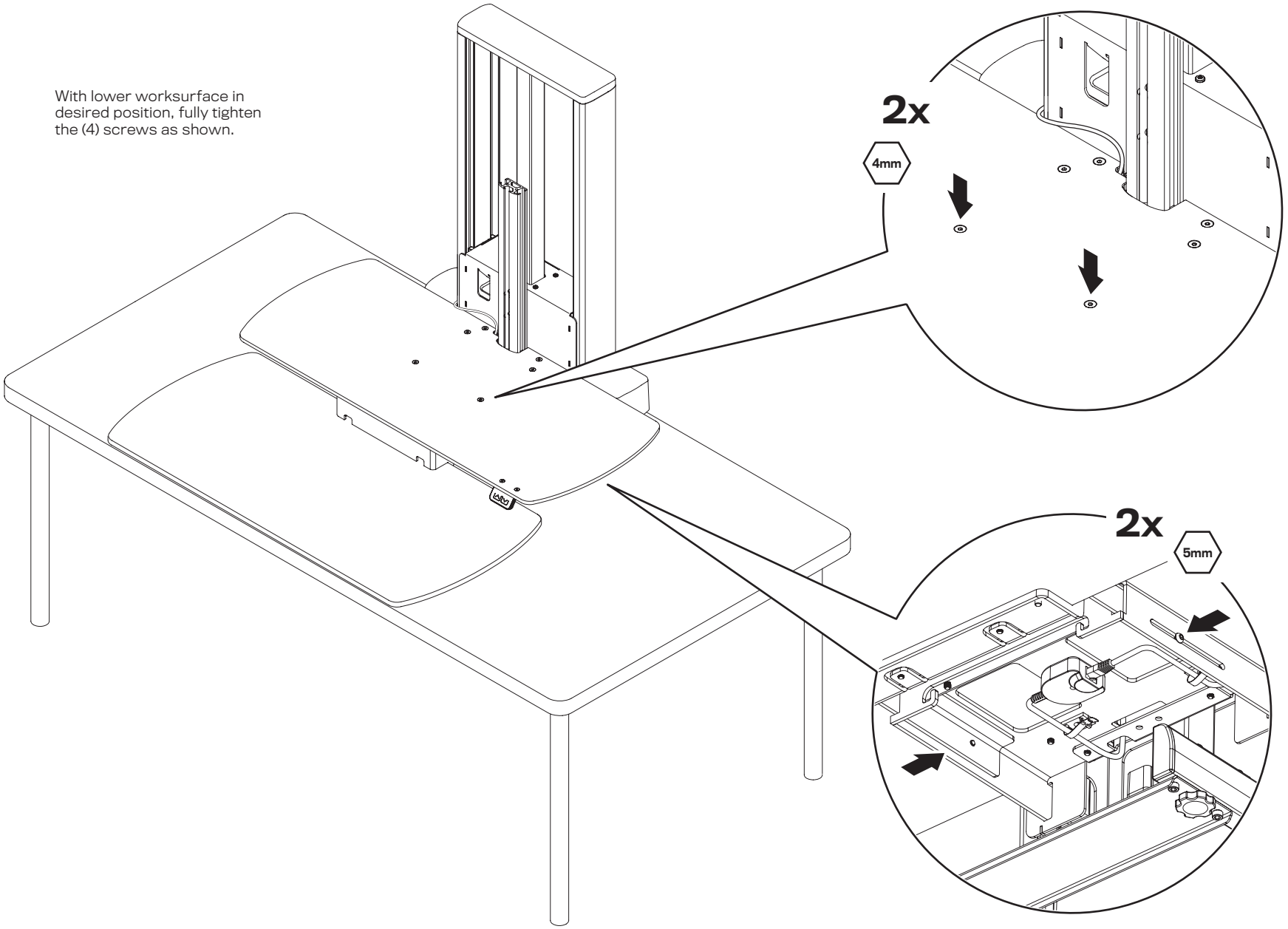


Press the down button to fully lower the worksurface.

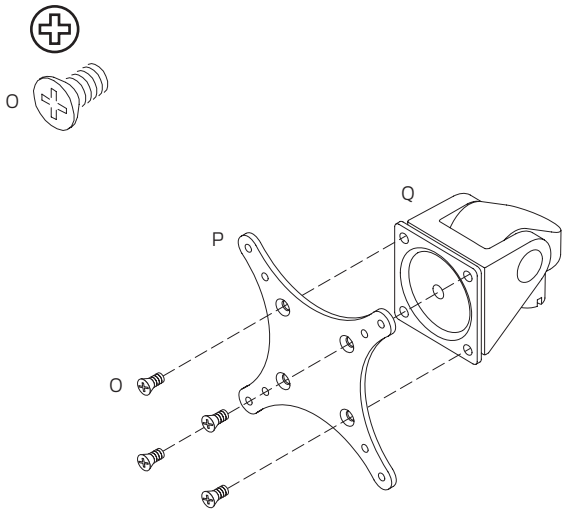
Adjust lower worksurface to align with edge of desk.

14

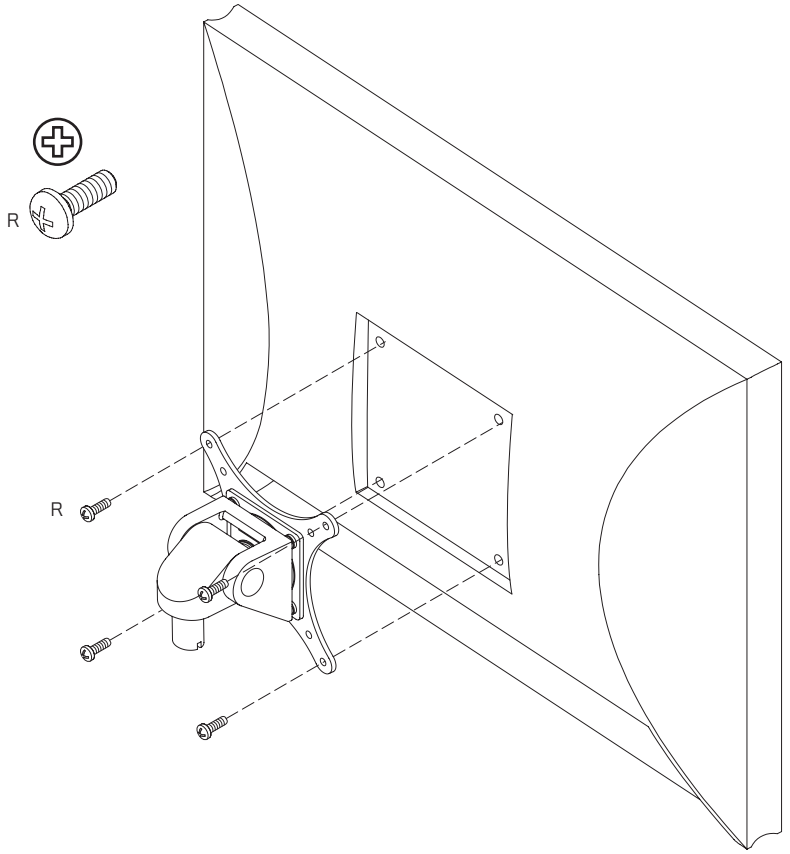
With lower worksurface in desired position, fully tighten the (4) screws as shown.



15

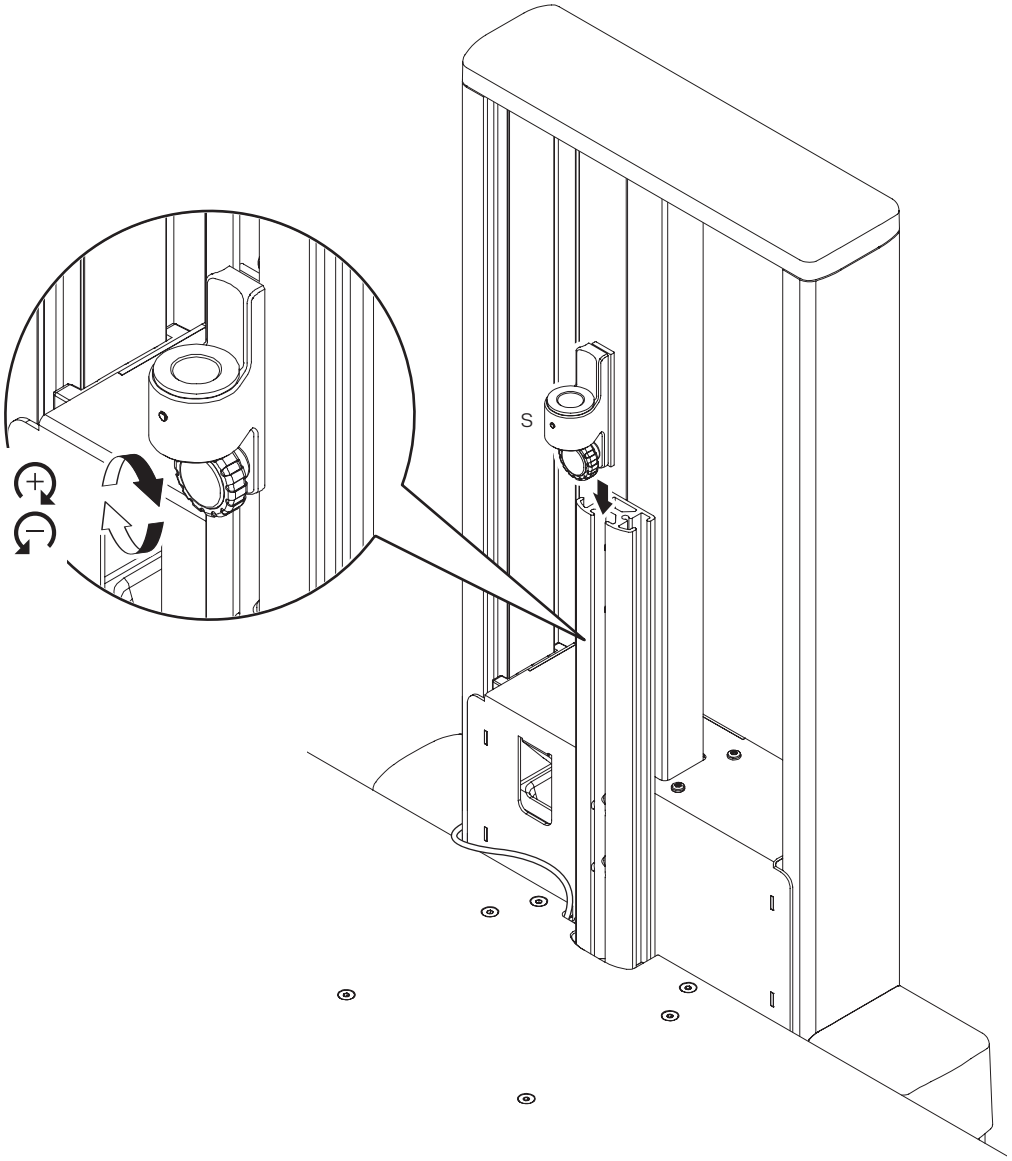


16

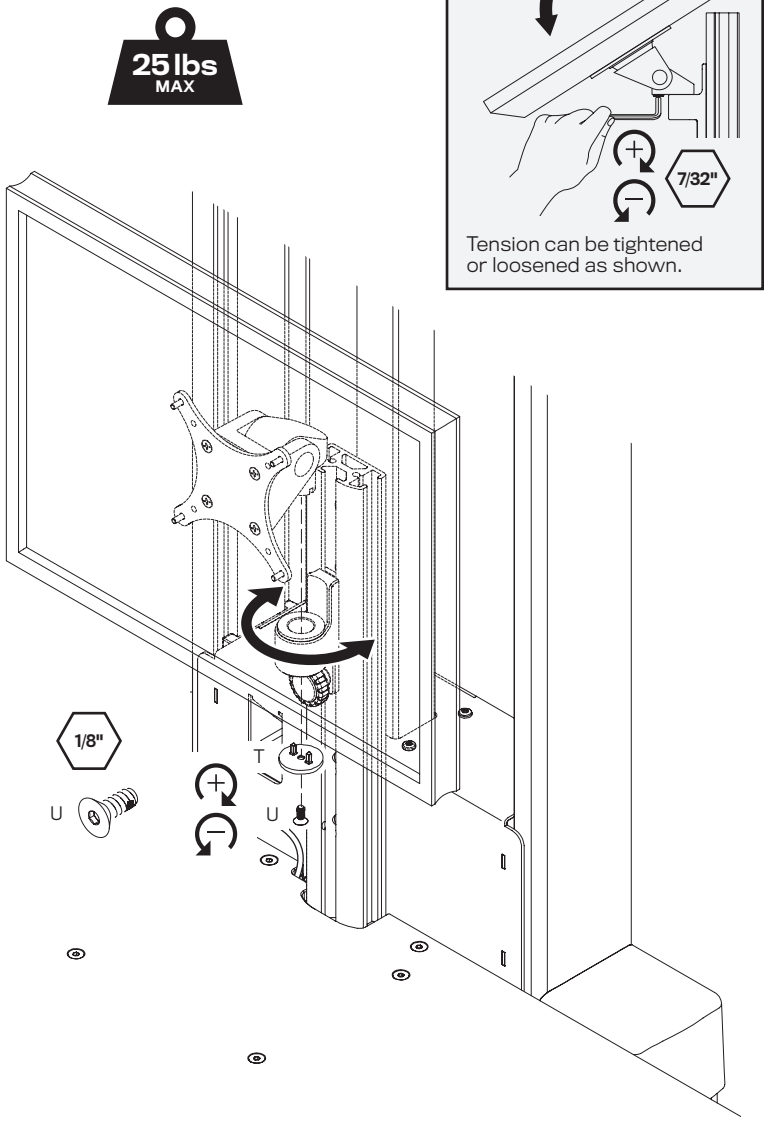


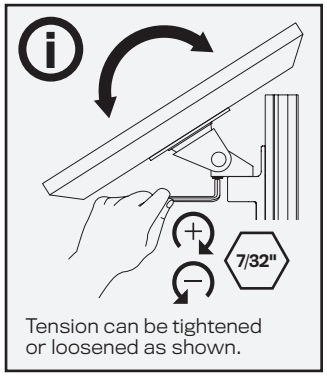
ARE YOU INSTALLING A 1TCH-1, 1TCH-3, 1TCH-1/1, 1TCH-3/3?
IF NOT, PLEASE CONTINUE TO STEP 19.

17



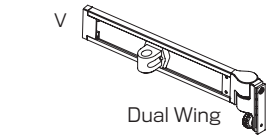
18





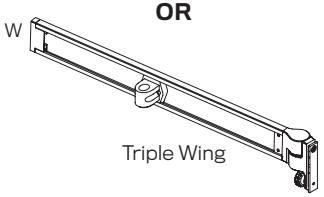
ARE YOU INSTALLING A 1TCH-2, 1TCH-3, 1TCH-2/2, 1TCH-3/3?
IF NOT, PLEASE CONTINUE TO STEP 22.

19

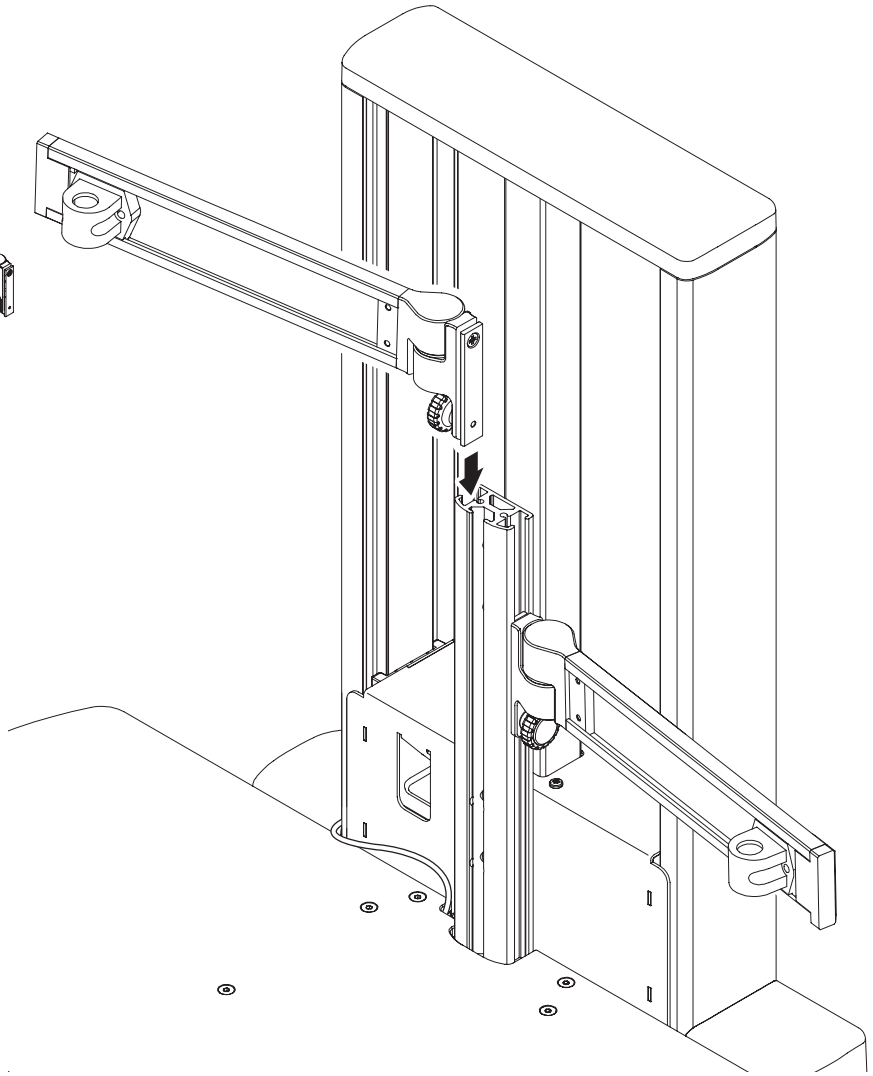


Dual Wing

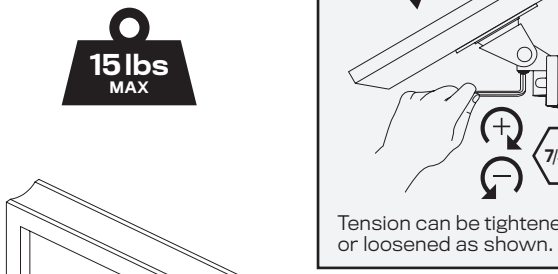
OR



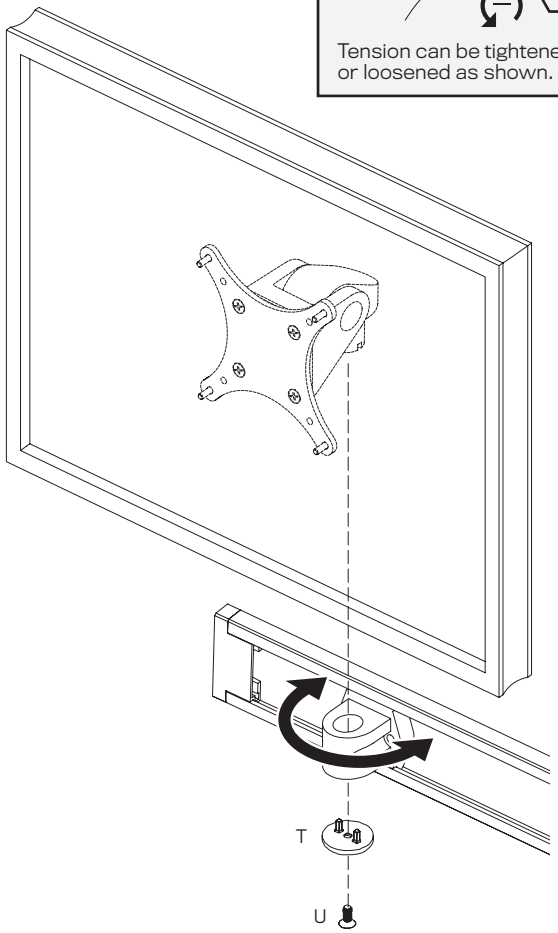
Triple Wing



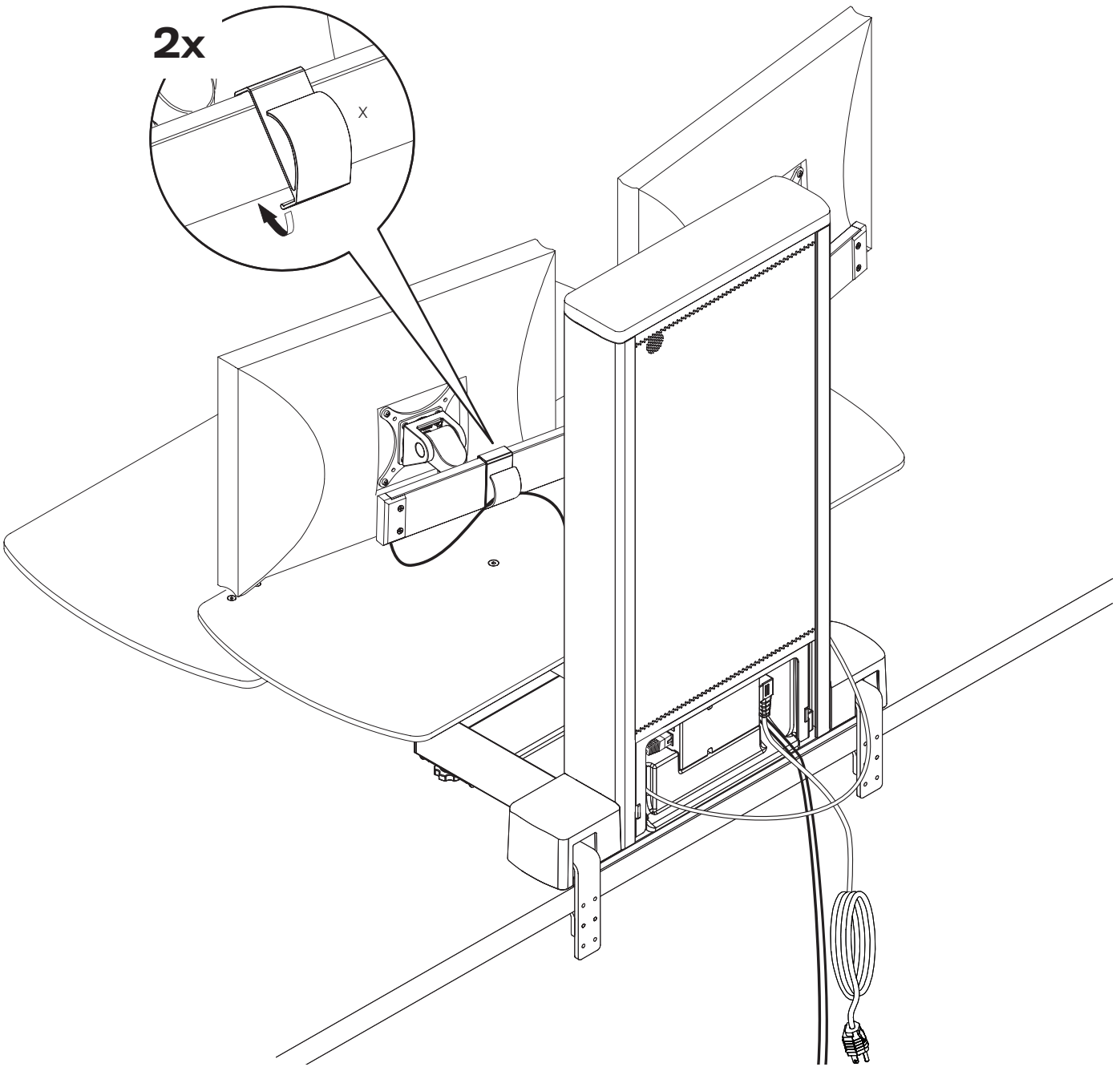
20



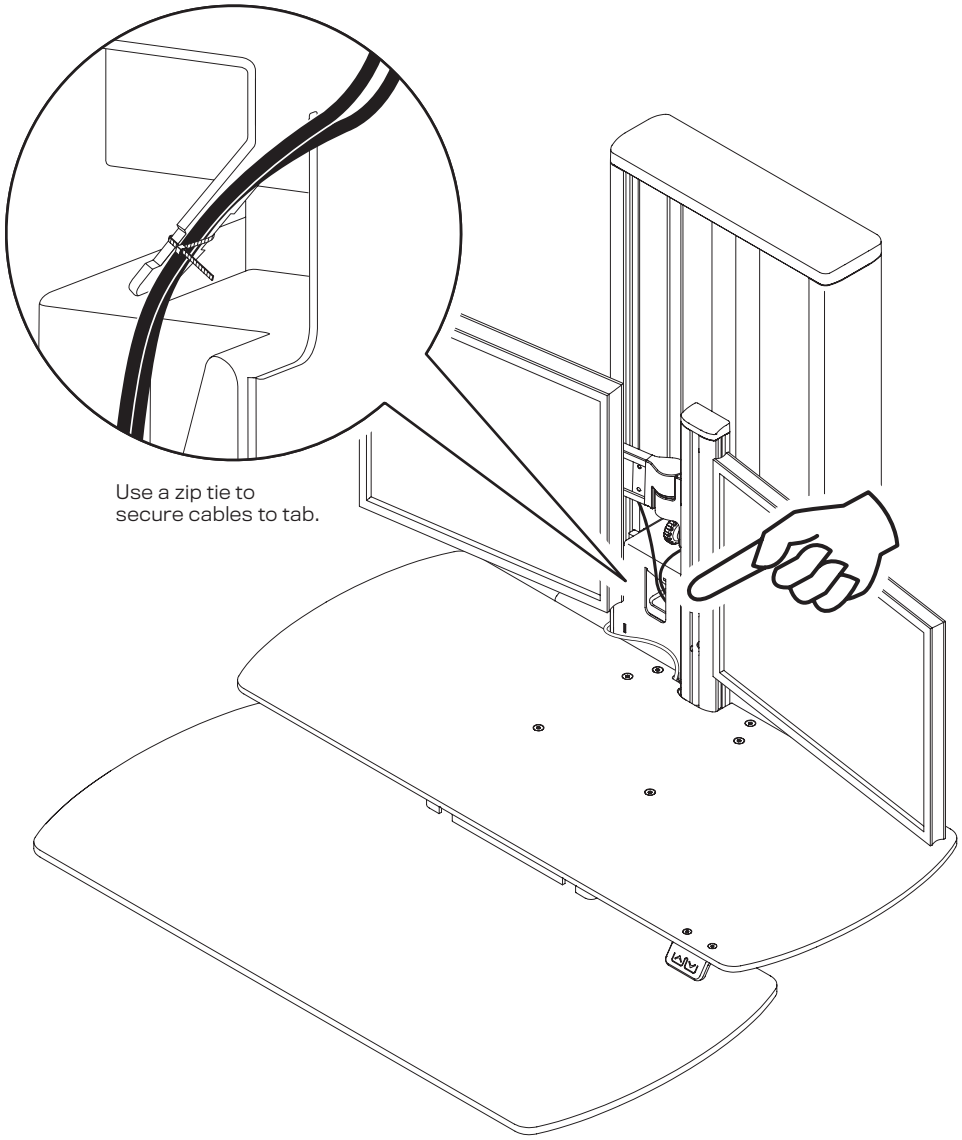
Tension can be tightened or loosened as shown.

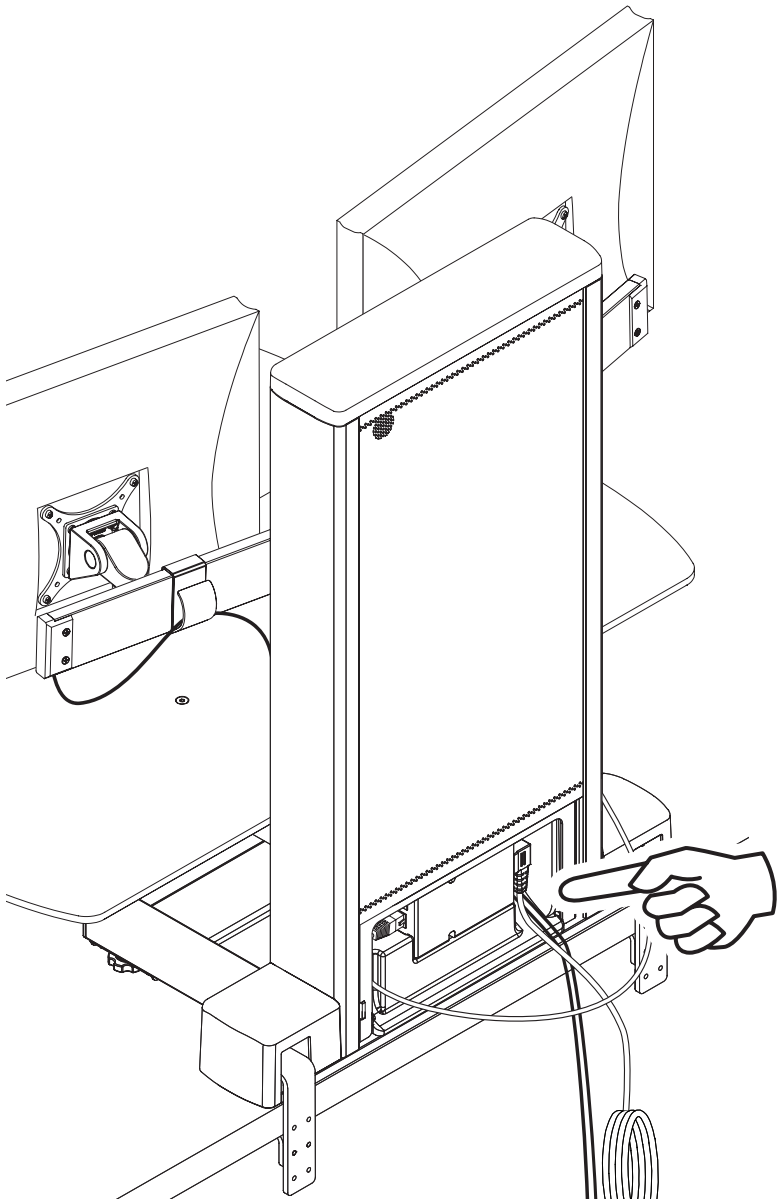


21

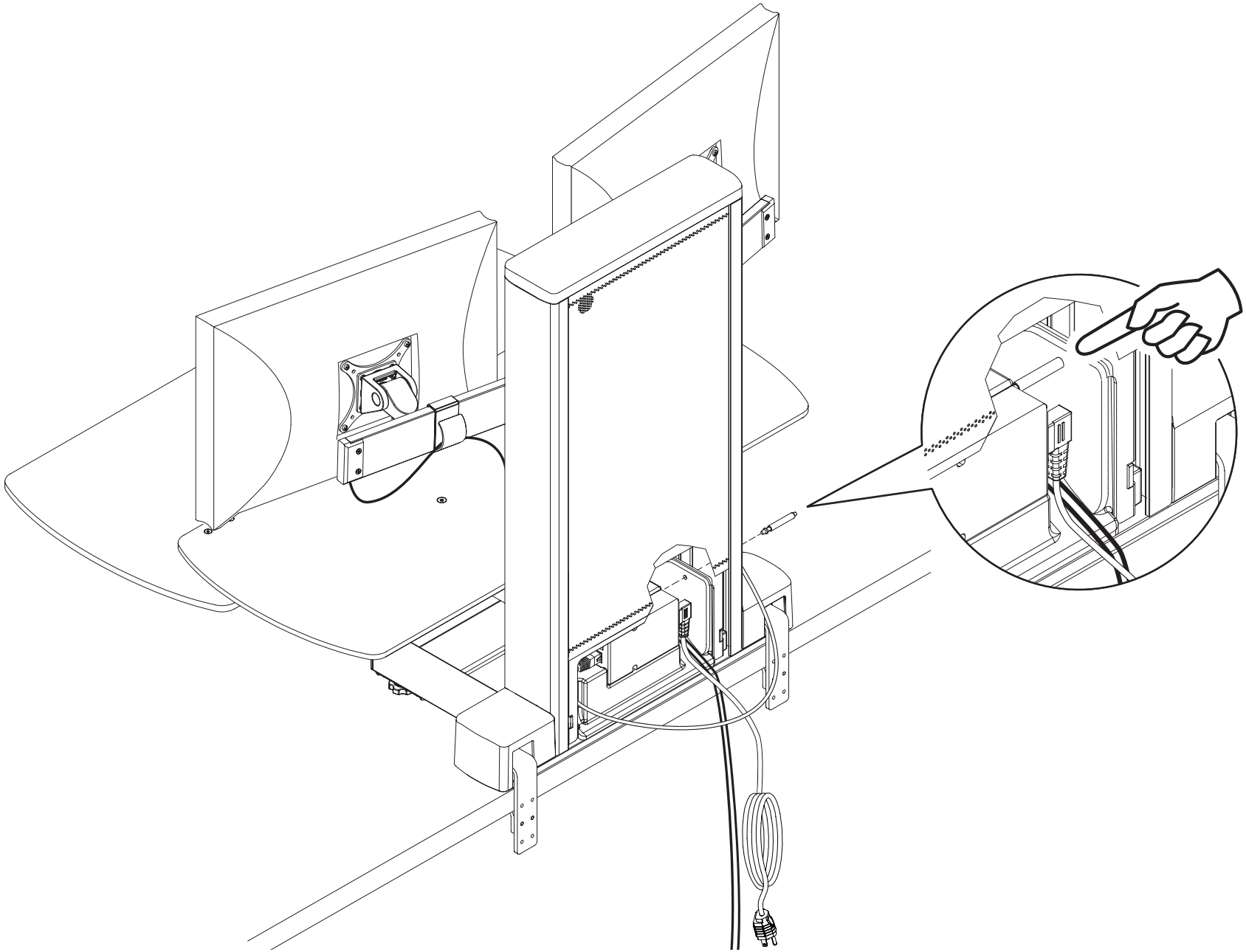


22

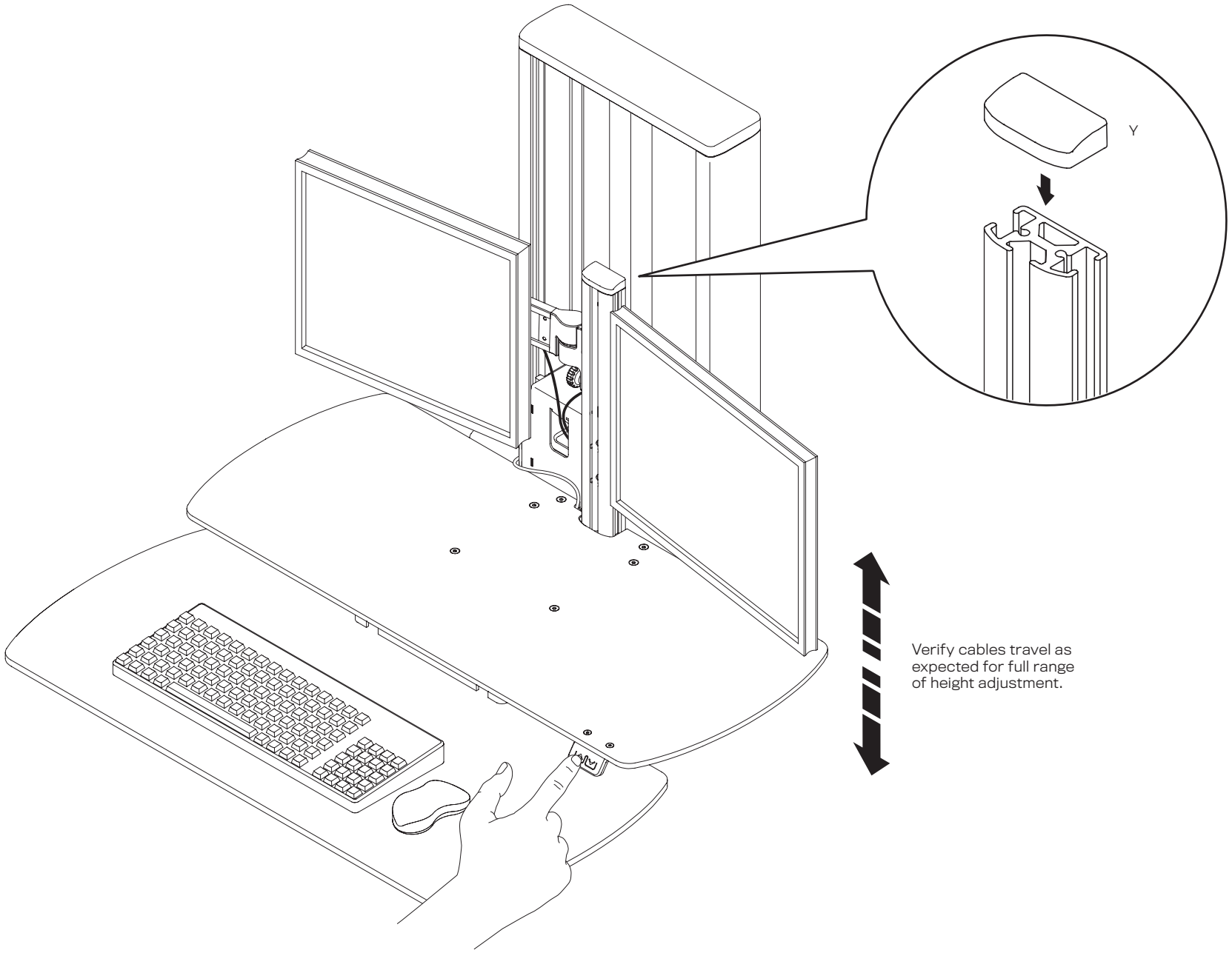




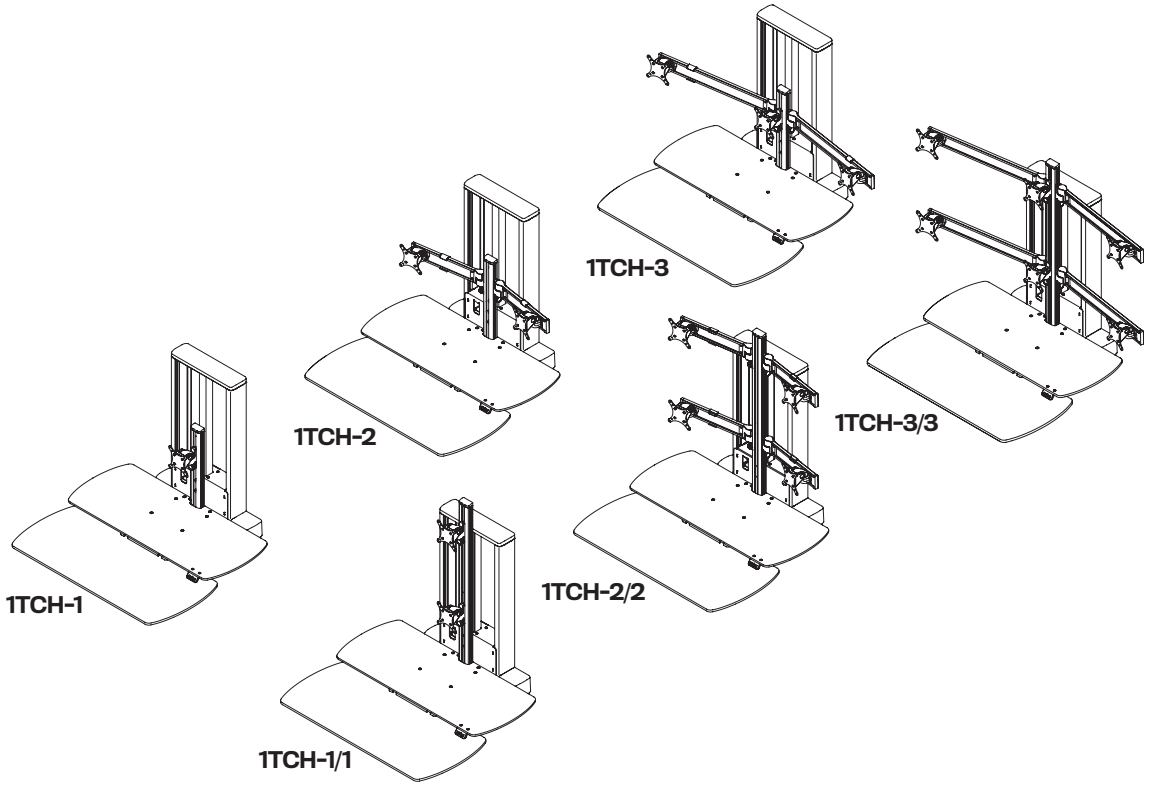
23



24


Y
Verify cables travel as expected for full range of height adjustment.

TROUBLESHOOTING:

1. Is unit plugged into a power source?
2. Is gyro sensor plugged into rear control box?
3. Is unit on a flat surface?
4. Is unit levelled?
5. To reset up/down control panel:
   press down arrow for 10-seconds.

Scan or click
to watch the
installation video