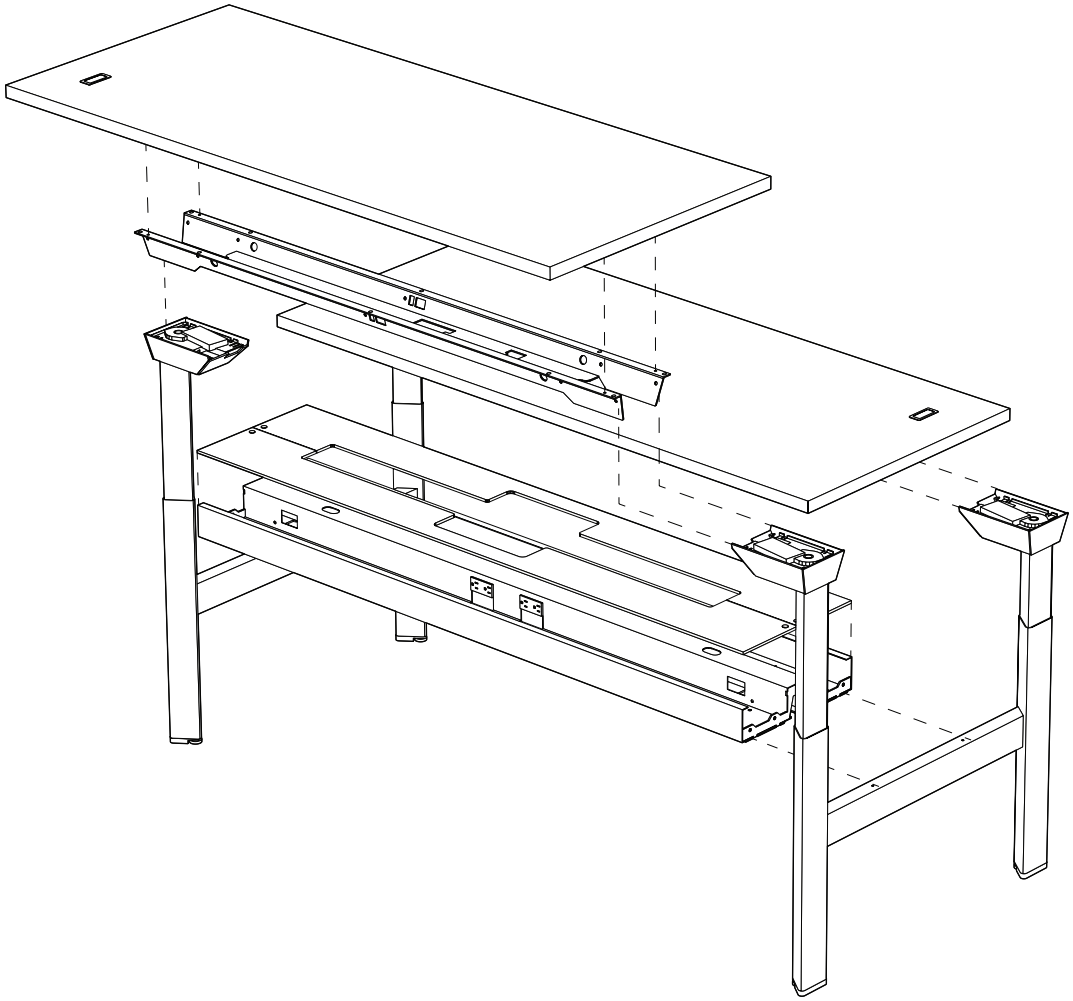
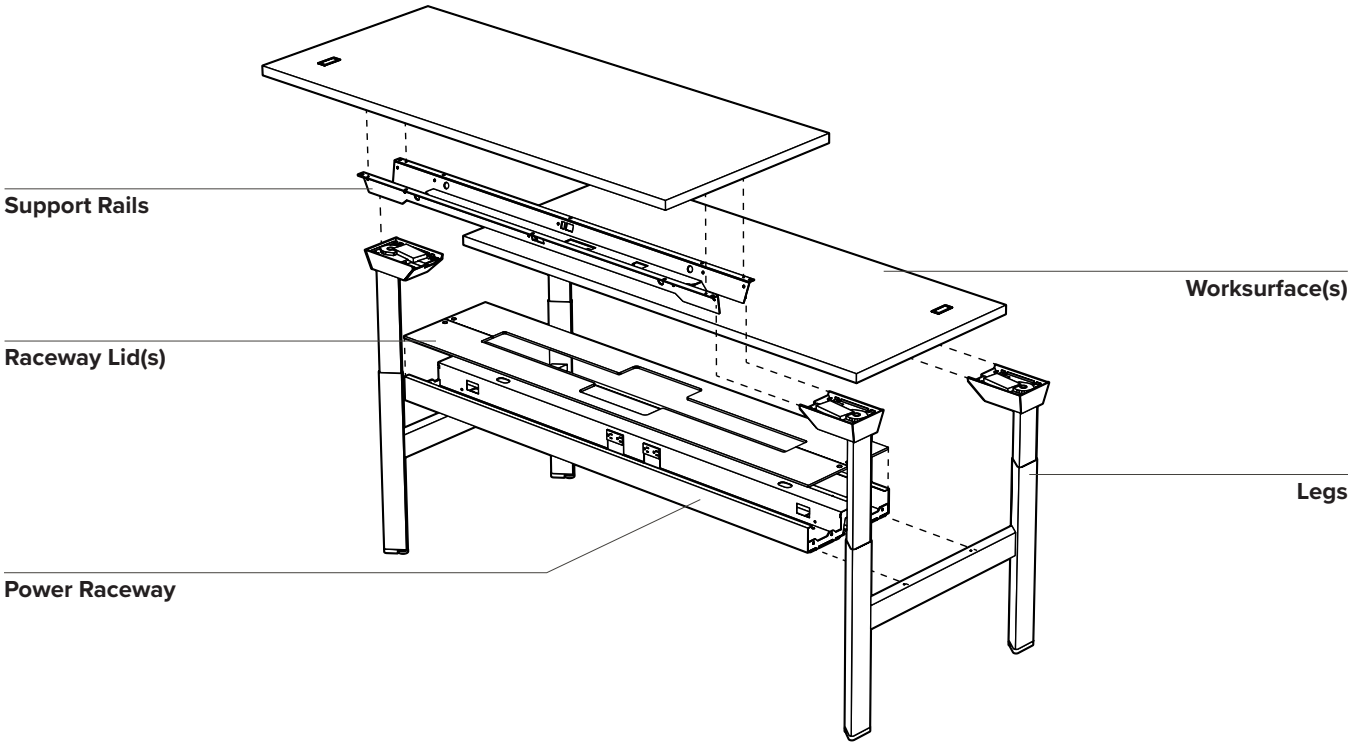
ASSEMBLY

Seven Workbench



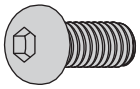
View Digitally

WORKBENCH TYPICAL

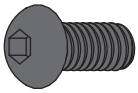


FASTENERS

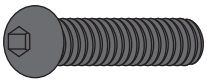
#10-32x⅜" Phillips Pan Head Screw (121376)



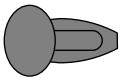
M6-1.0x12mm Button Head Socket Cap Screw, Zinc (125290)



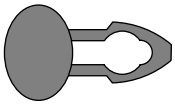
¼-20x⅜" Button Head Socket Cap Screw (123547)



5/16-18x¾ Button Head Socket Cap Screw (124755)



½" Arrow Shank Rivet, Nylon (0000226)

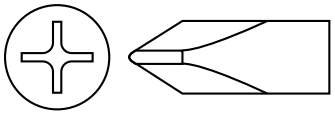


¾" Keyhole Shank Rivet, Nylon (0000152)

#8x½" Phillips Pan Head Wood Screw (127000)

M6-1.0 Nut (490611)

TOOL TIPS



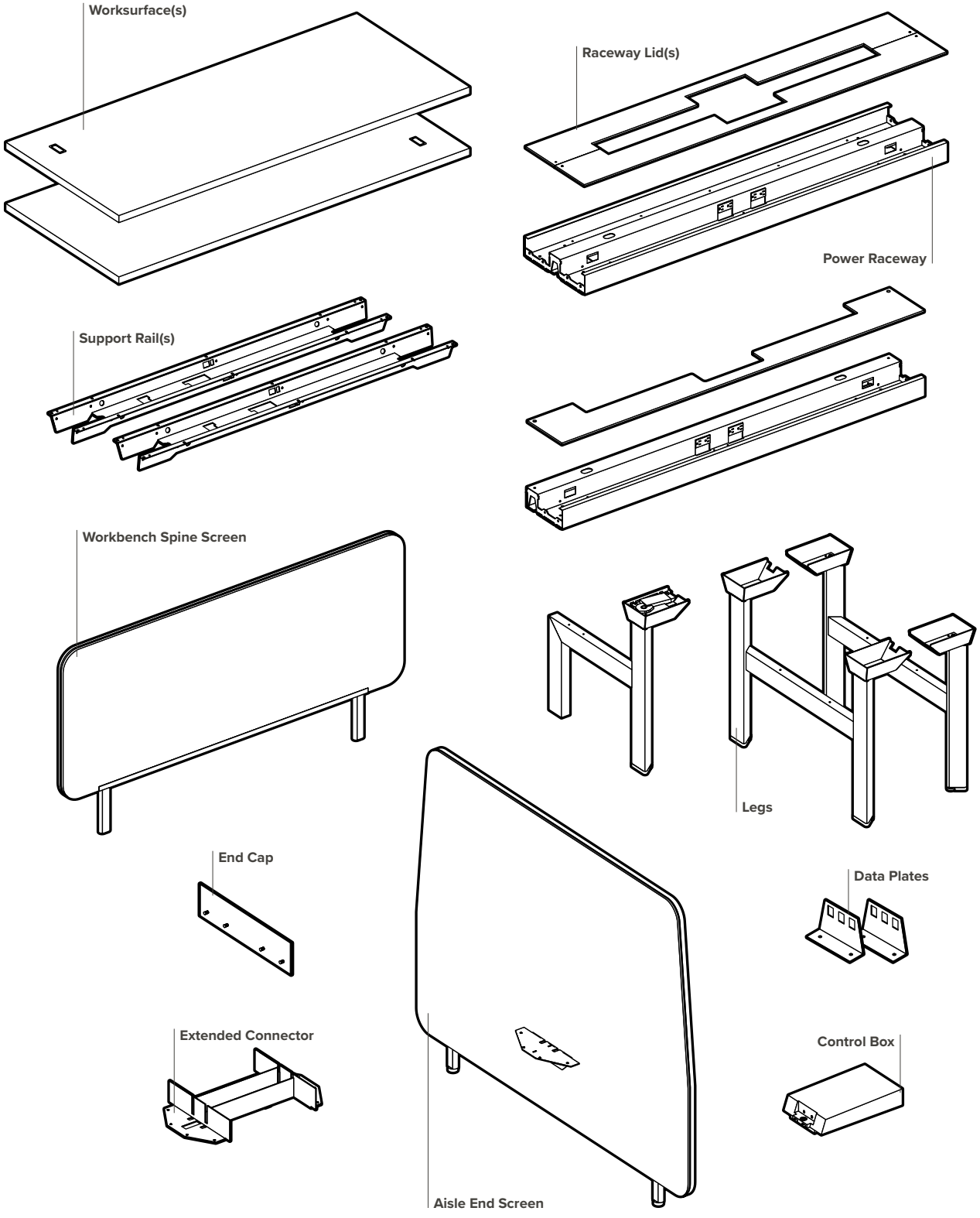
FF2 Phillips

5/32 Hex Key

3/16 Hex Key

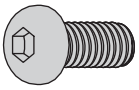
watson
26246 Twelve Trees Lane NW, Poulsbo, Washington 98370
800.426.1202 **watsonfurniture.com** **info@watsonfg.com**

WORKBENCH BASIC COMPONENTS

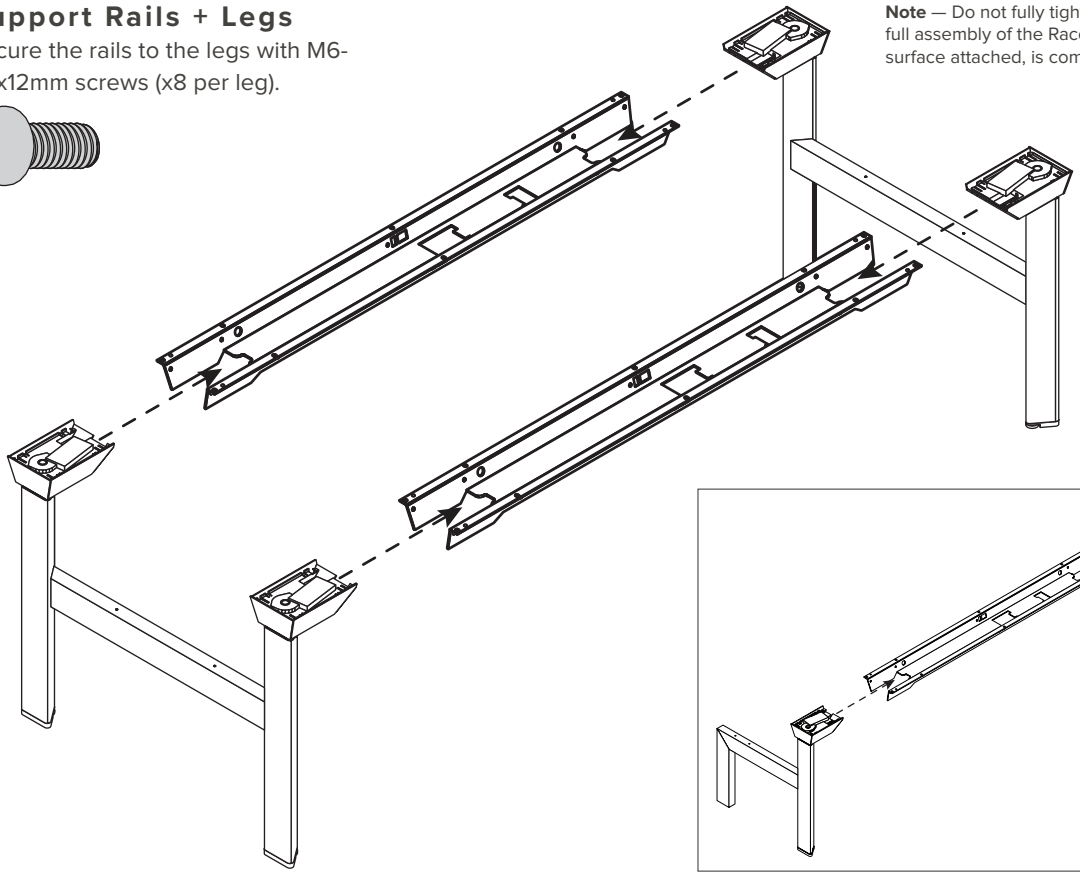


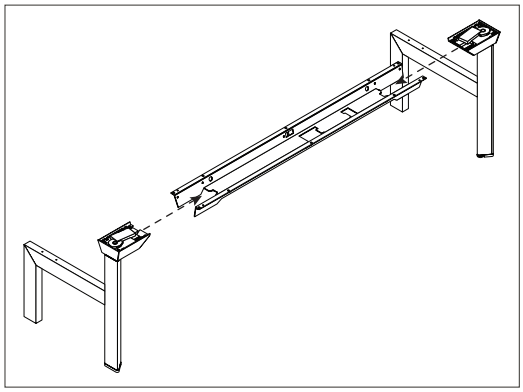
1. Support Rails + Legs

Secure the rails to the legs with M6-1.0x12mm screws (x8 per leg).



Note — Do not fully tighten the unit until full assembly of the Raceway, with surface attached, is complete.



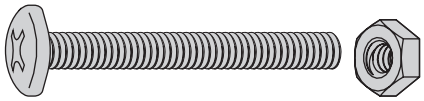


2. Control Box + Wires

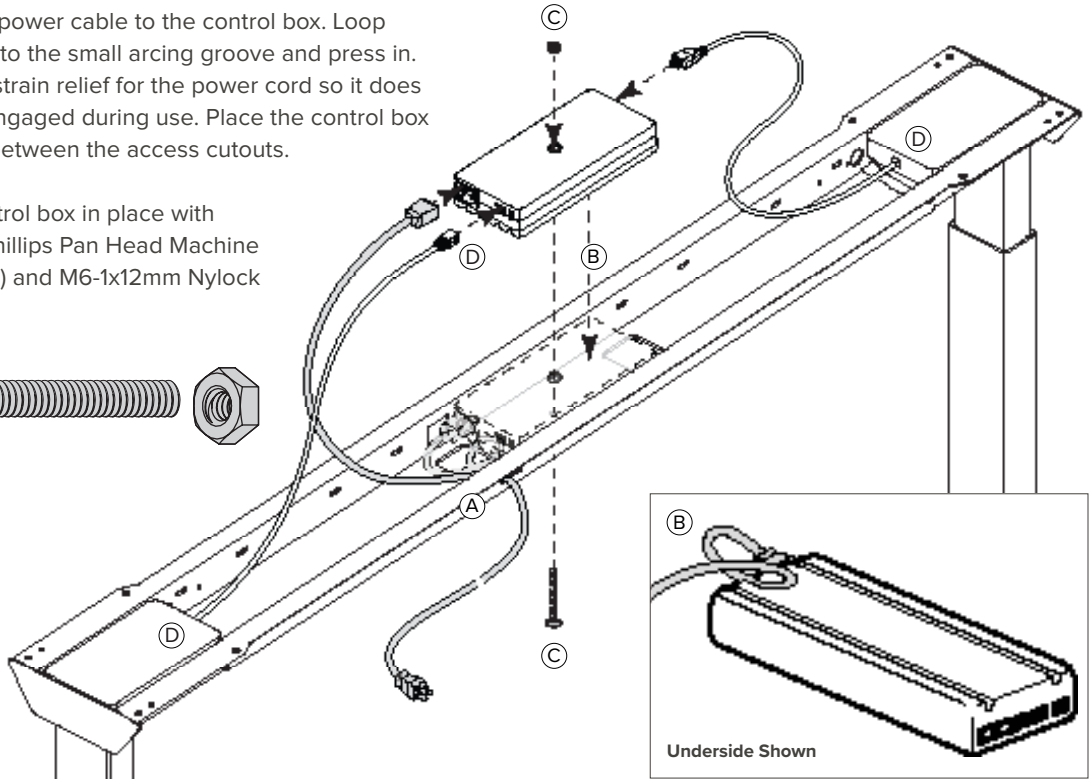
Ⓐ Feed the power cable through the rail notch.

Ⓑ Secure the power cable to the control box. Loop power cable into the small arcing groove and press in. This provides strain relief for the power cord so it does not come disengaged during use. Place the control box on the Rail in between the access cutouts.

Ⓒ Secure control box in place with M6-1x40mm Phillips Pan Head Machine Screw (125293) and M6-1x12mm Nylock Nut (888152)



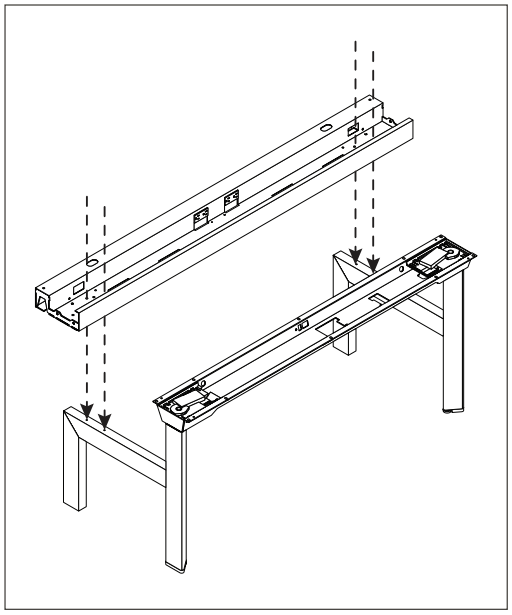
Ⓓ Plug cords

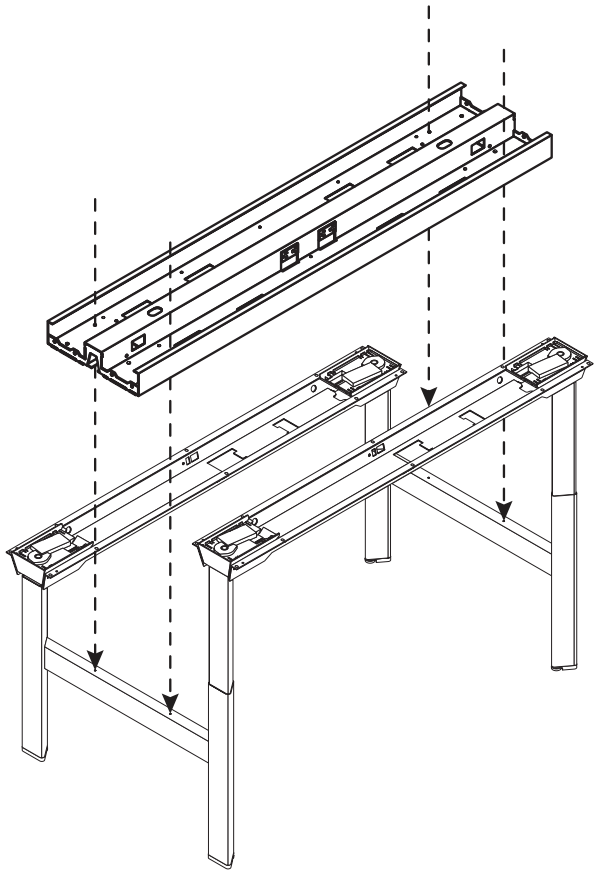


Underside Shown

3. Power Raceway

Position the Raceway over the leg rail holes. Secure with 10-32 x 3/8” screws.





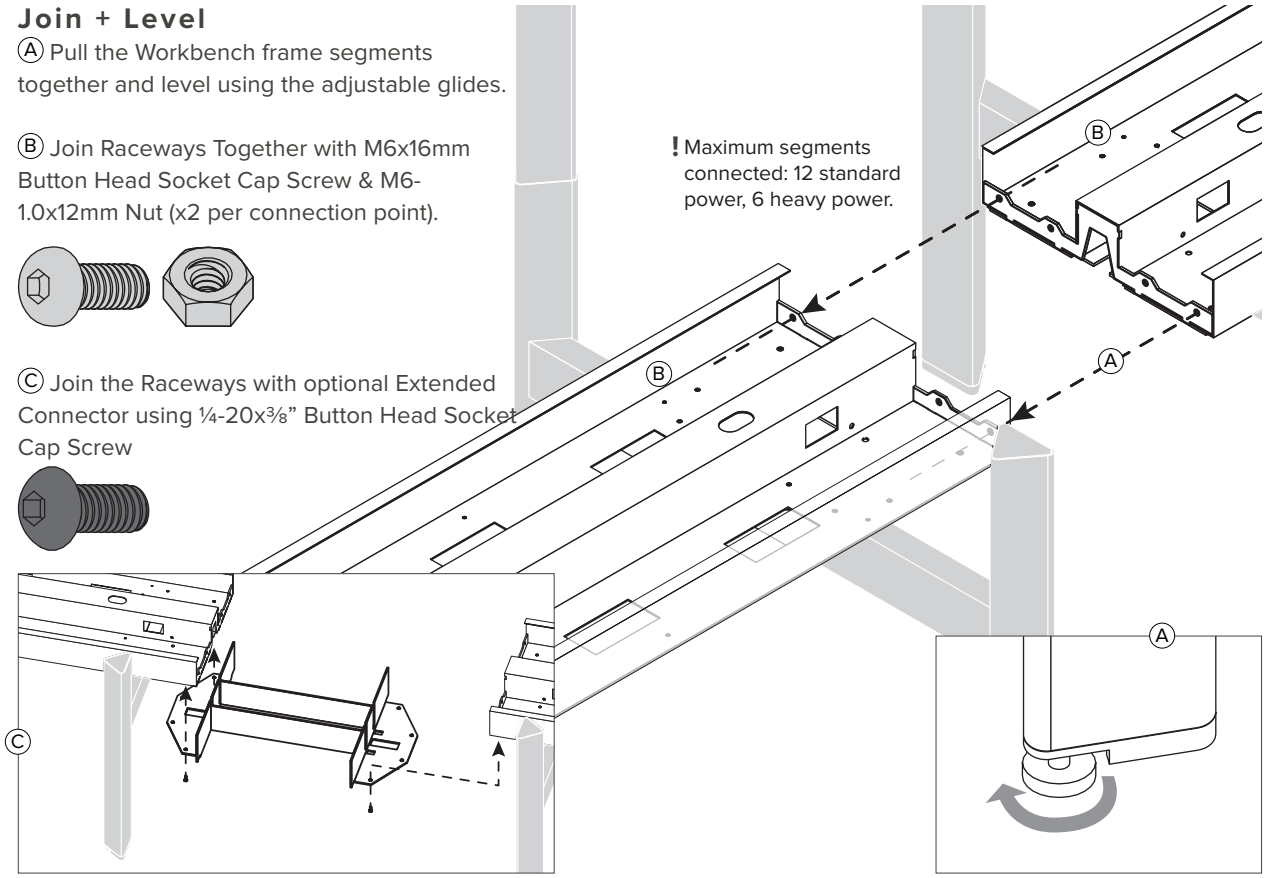
4. Join + Level

Ⓐ Pull the Workbench frame segments together and level using the adjustable glides.

Ⓑ Join Raceways Together with M6x16mm Button Head Socket Cap Screw & M6-1.0x12mm Nut (x2 per connection point).

Ⓒ Join the Raceways with optional Extended Connector using ¼-20x⅜” Button Head Socket Cap Screw

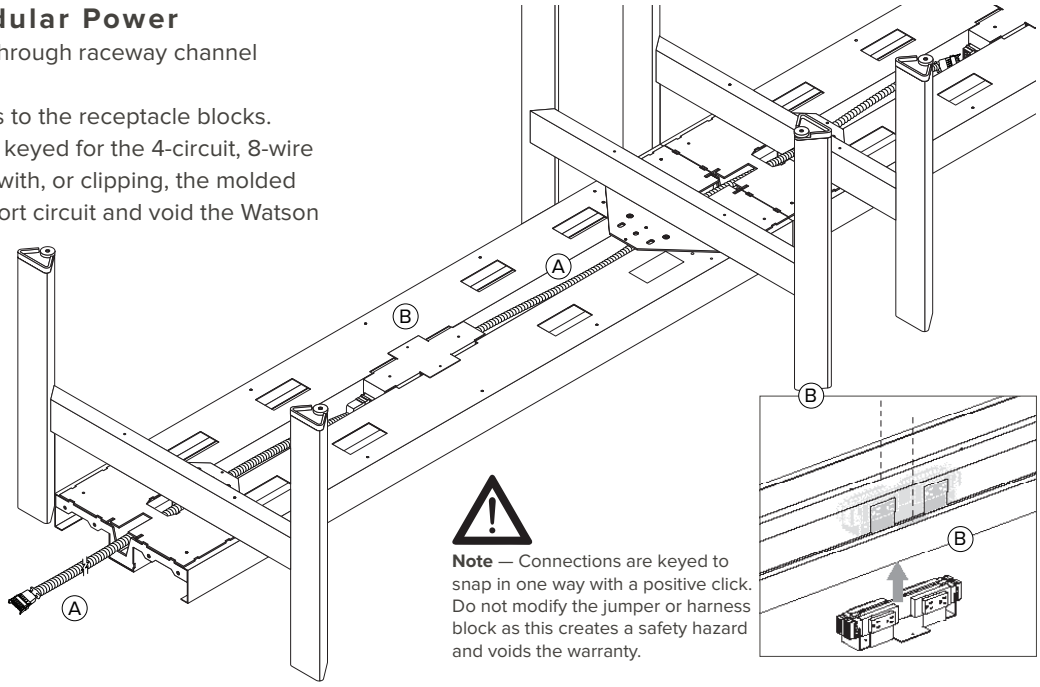
! Maximum segments connected: 12 standard power, 6 heavy power.



5. Raceway Modular Power

Ⓐ Route Jumpers through raceway channel

Ⓑ Connect jumpers to the receptacle blocks. The connectors are keyed for the 4-circuit, 8-wire system. Tampering with, or clipping, the molded pins will result in short circuit and void the Watson warranty.



Note — Use the jumper grid to determine the correct length to use.

Note — Underside shown for clarity.

Note — Maximum segments connected: 12 standard power, 6 heavy power.

Note — Connections are keyed to snap in one way with a positive click. Do not modify the jumper or harness block as this creates a safety hazard and voids the warranty.

STANDARD POWER	SEGMENT 2 WIDTH						
SEGMENT 1 WIDTH	48	54	60	66	72	78	84
48	37	43	43	49	49	55	55
54	43	43	49	49	55	55	61
60	43	49	49	55	55	61	61
66	49	49	55	55	61	61	67
72	49	55	55	61	61	67	67
78	55	55	61	61	67	67	73
84	55	61	61	67	67	73	73

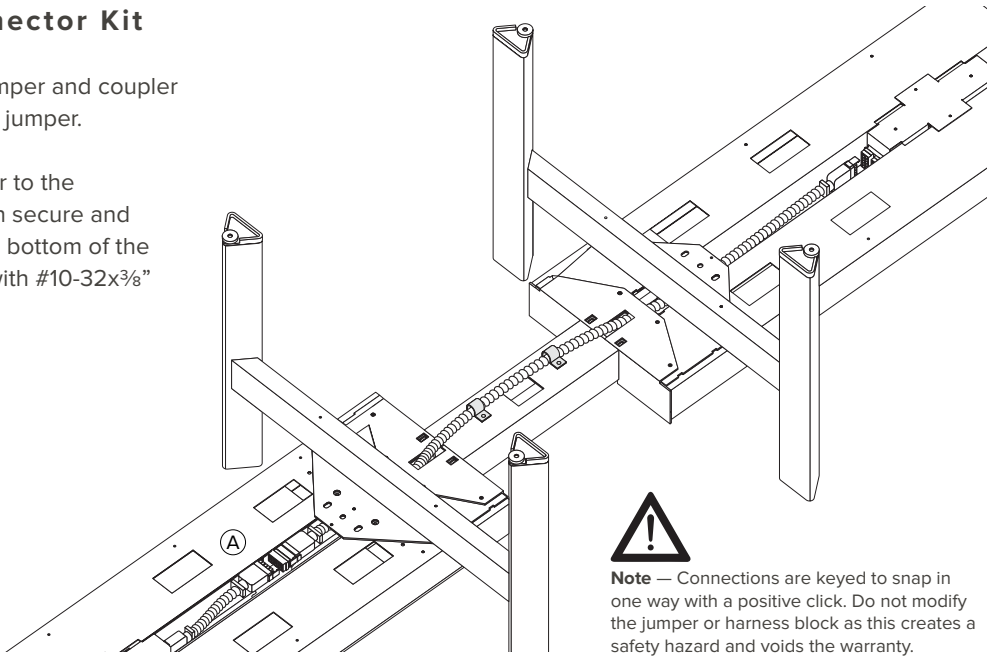
HEAVY POWER	SEGMENT 1 WIDTH						
SEGMENT 1 WIDTH	48	54	60	66	72	78	84
48	31	37	37	43	43	49	49
54	37	37	43	43	49	49	55
60	37	43	43	49	49	55	55
66	43	43	49	49	55	55	61
72	43	49	49	55	55	61	61
78	49	49	55	55	61	61	67
84	49	55	55	61	61	67	67

6. Extended Connector Kit

(Optional)

Ⓐ Connect the 15” jumper and coupler to the standard length jumper.

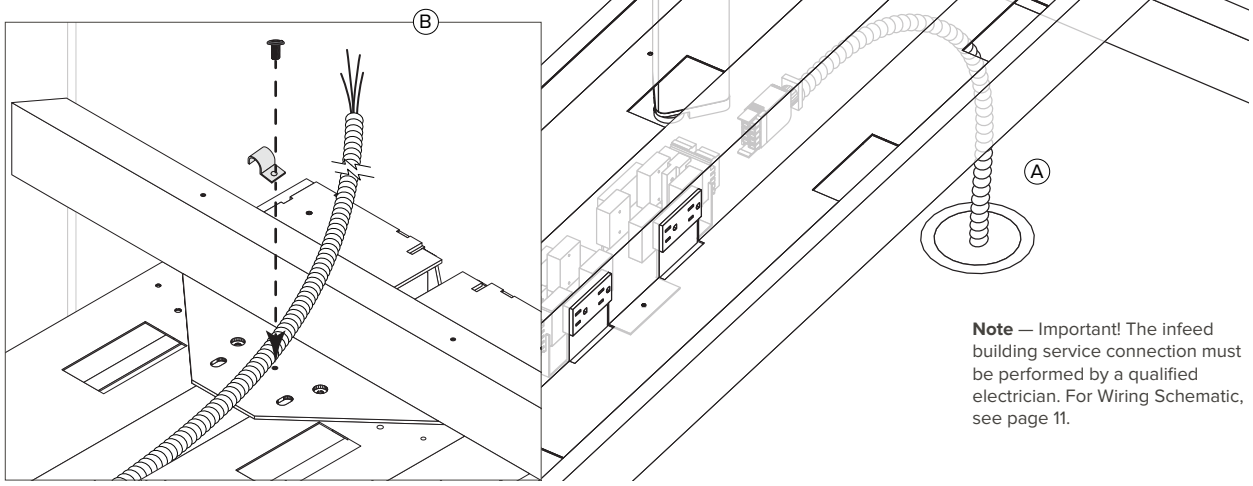
Ⓑ Connect the jumper to the receptacle blocks then secure and clamp the block to the bottom of the extended connector with #10-32x⅜” screw.



Note — Connections are keyed to snap in one way with a positive click. Do not modify the jumper or harness block as this creates a safety hazard and voids the warranty.

7. Raceway Power Infeed

Connect the power infeed to an open terminal on the nearest receptacle block located to the floor (Ⓐ) or wall junction (Ⓑ). Secure with clamp and #10-32x⅜” screw.

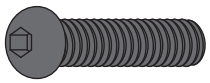


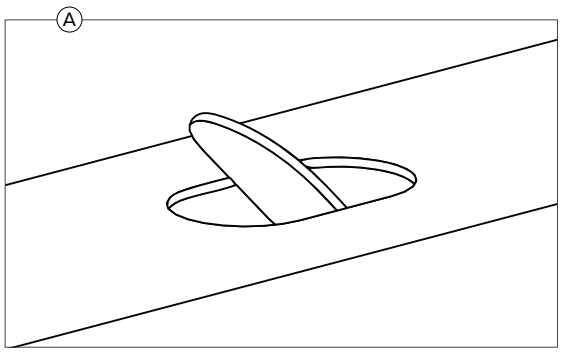
Note — Important! The infeed building service connection must be performed by a qualified electrician. For Wiring Schematic, see page 11.

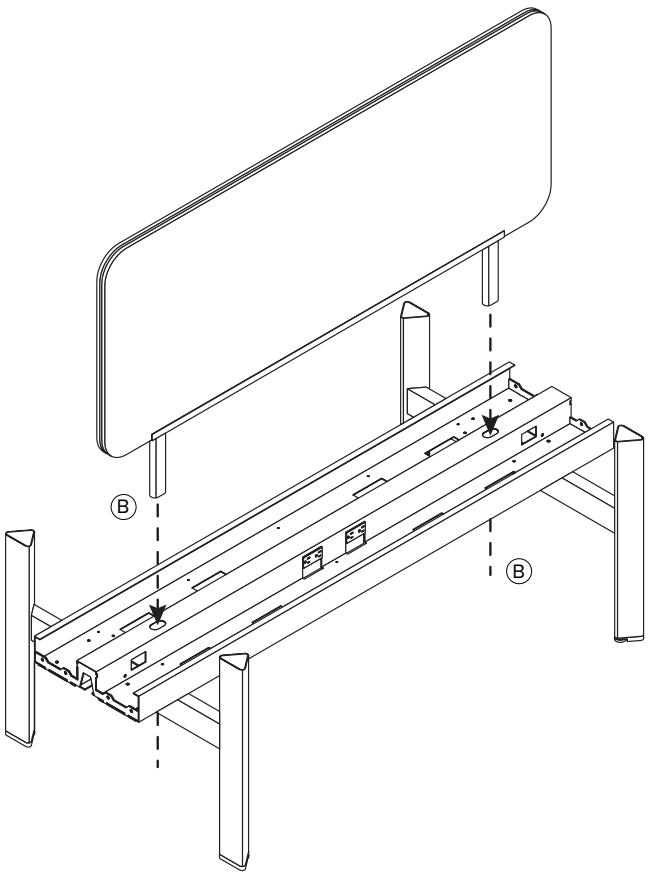
8. Spine Screen (optional)

Ⓐ Twist the knockouts to open the holes for the Spine Screen supports.

Ⓑ Insert Spine Screen supports into Raceway opening and secure with 5/16-18x¾” screws (x2).





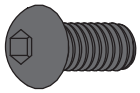


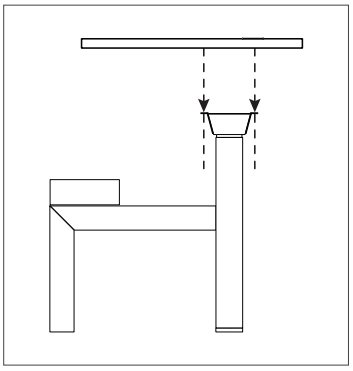
9. Worksurface

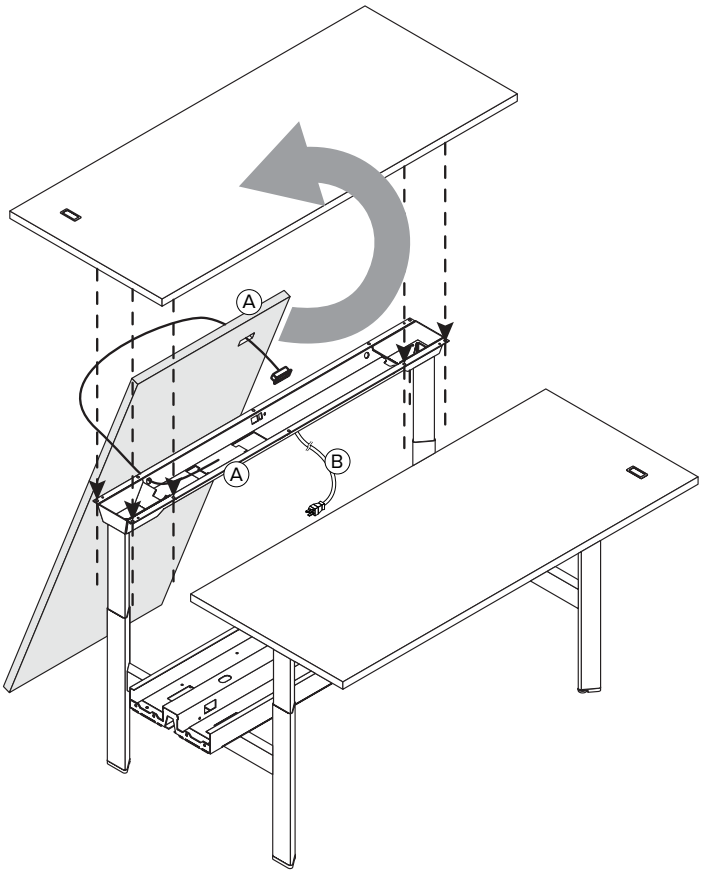
Ⓐ With Worksurface leaning against rail, feed the switch cord through the surface, and press into the hole. Feed cord through the round support rail cutout and plug into the PS2 port of the Control Box.

Ⓑ Plug in the control box power cord to raceway receptacle. Raise the legs to facilitate installation of the surface.

Ⓒ Lift, align and secure the worksurface with ¼-20x⅜" screws (x10).

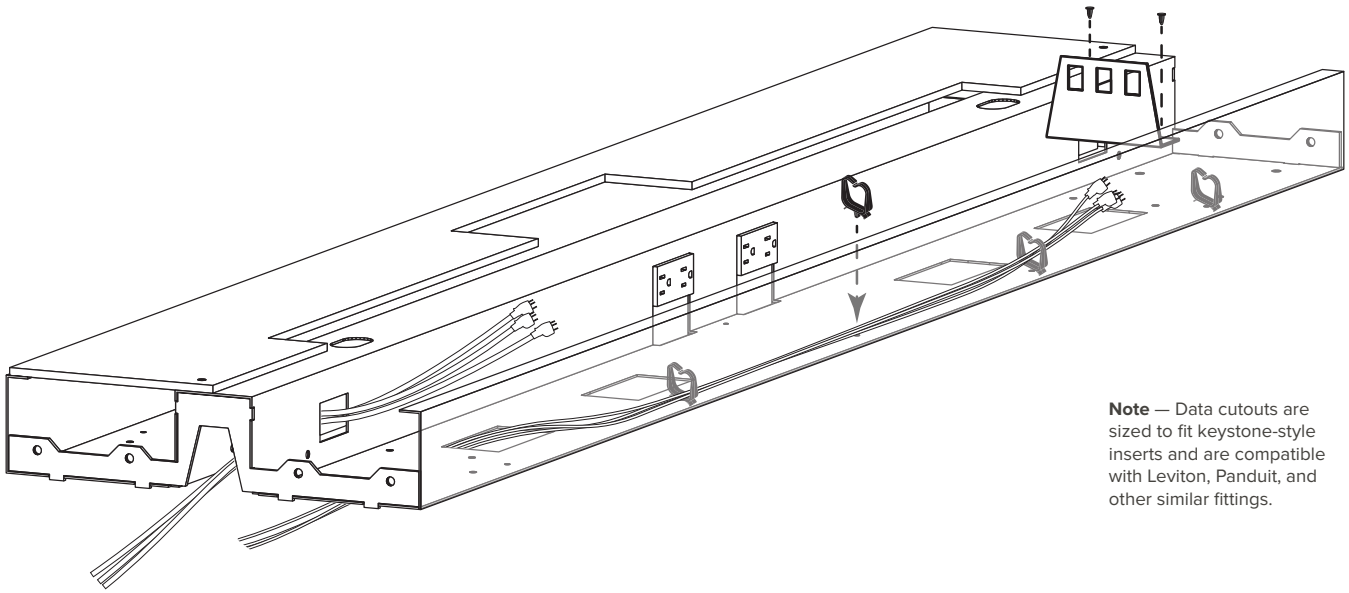






10. Data Plate

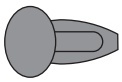
Run the data line and install the telecom plate with panel fasteners to the bottom of the Raceway.

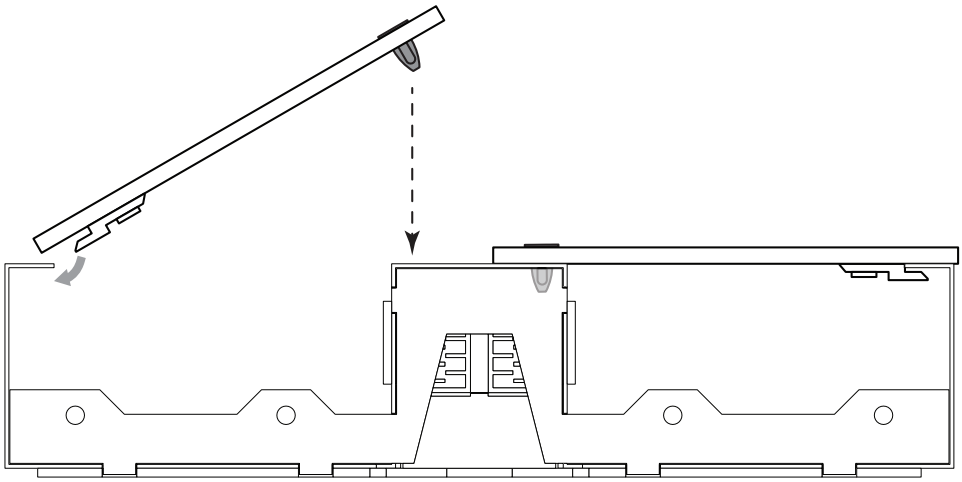


Note — Data cutouts are sized to fit keystone-style inserts and are compatible with Leviton, Panduit, and other similar fittings.

11. Lids

Install the lids by hooking the front edge Z-clip to the front of the Raceway then snap the panel fasteners in place.

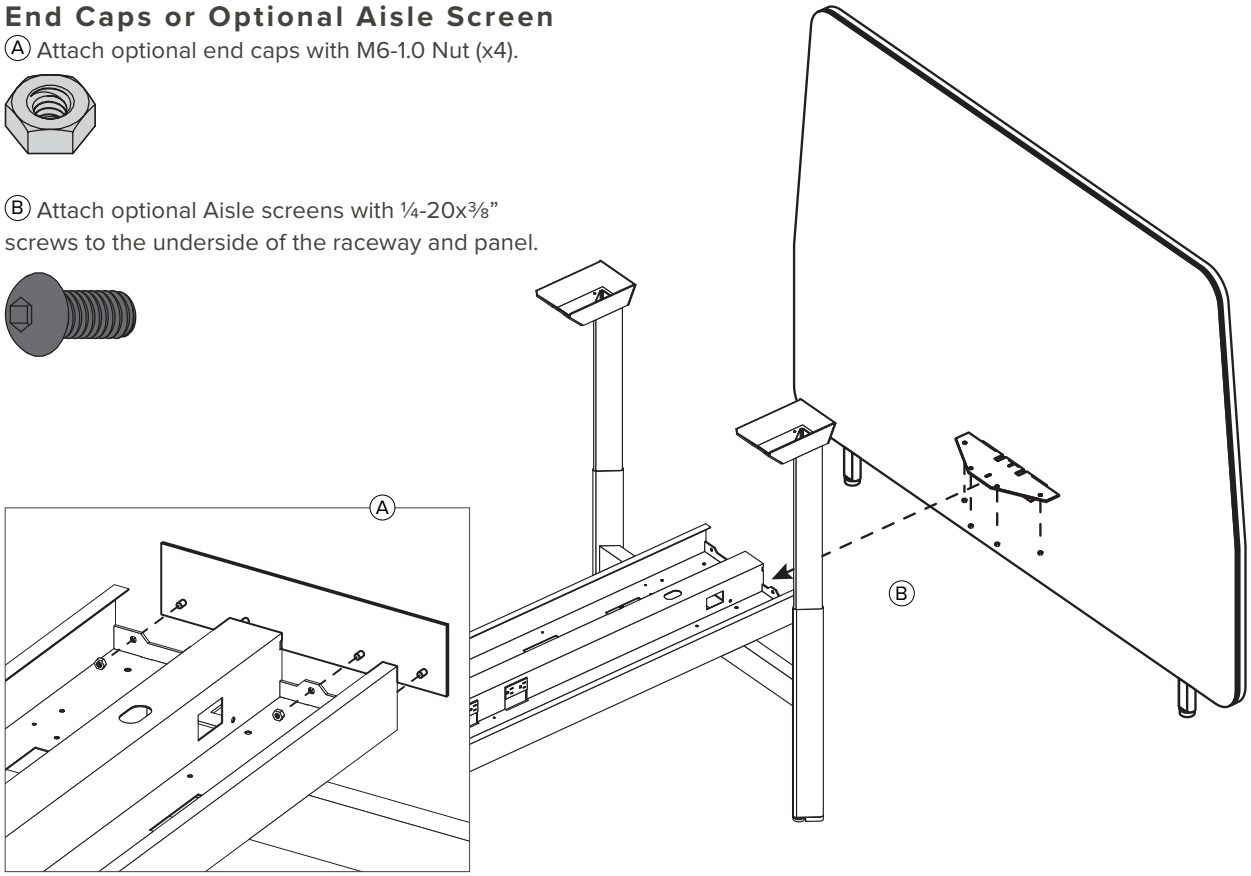




12. End Caps or Optional Aisle Screen

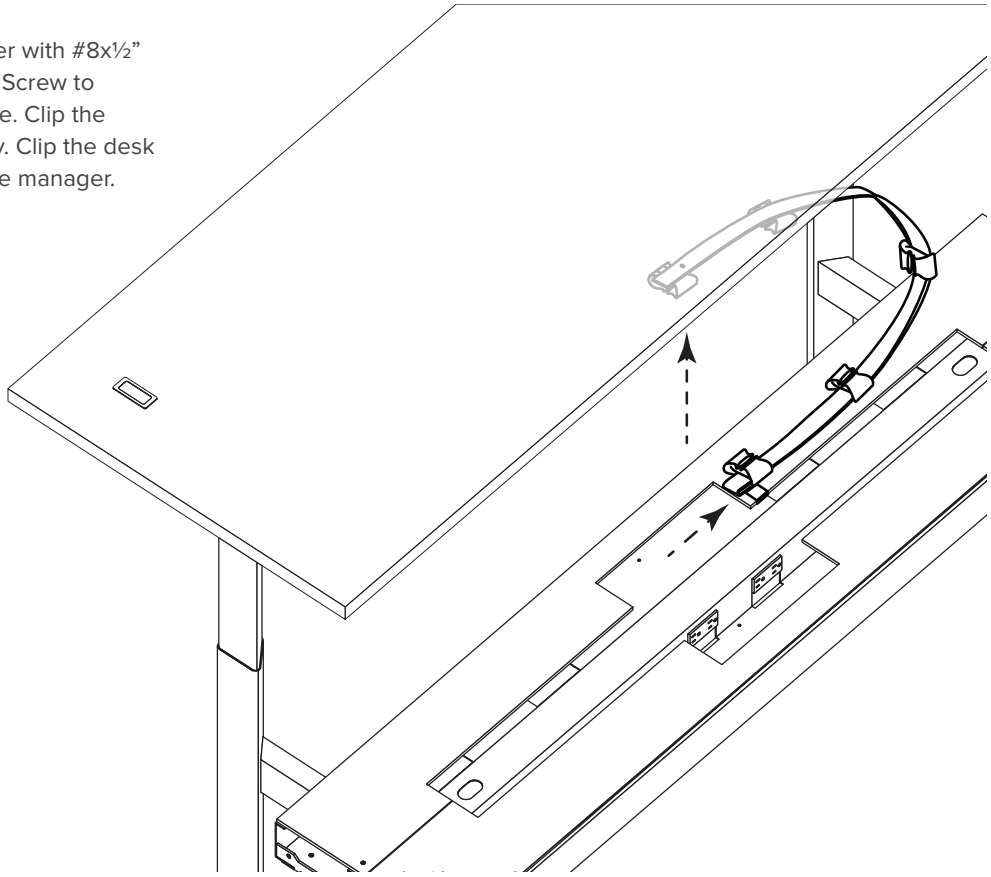
Ⓐ Attach optional end caps with M6-1.0 Nut (x4).

Ⓑ Attach optional Aisle screens with ¼-20x⅜" screws to the underside of the raceway and panel.



13. Cable Manager

Attach the cable manager with #8x½” Phillips Pan Head Wood Screw to underside of worksurface. Clip the opposite end to raceway. Clip the desk power cable into the wire manager.

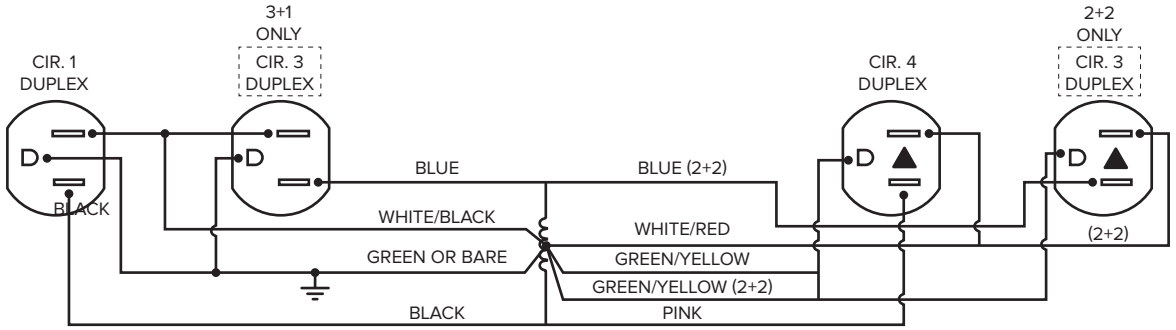


WIRING SCHEMATIC

120 / 240V 1 ph

FOR 2+2 USE CIRCUITS 1, 3▲, 4▲ ONLY
FOR 3+1 USE CIRCUITS 1, 3, 4▲ ONLY
CIRCUIT 2 CAN NOT BE UTILIZED
WITH 120/240V

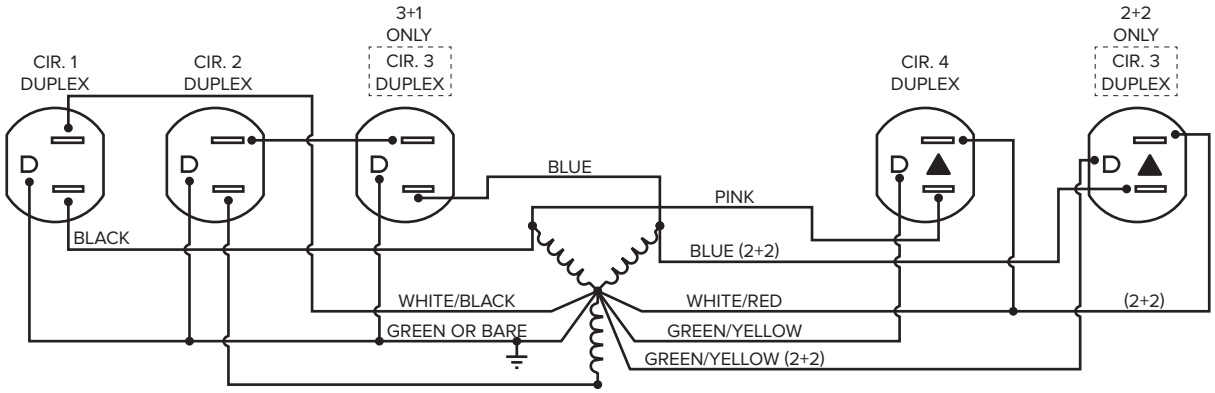
MAX 20AMPS PER CIRCUIT
MAXIMUM SEGMENTS CONNECTED:
12 STANDARD POWER
6 HEAVY POWER



120 / 208V 3 ph

FOR 2+2 USE CIRCUITS 1, 2, 3▲, 4▲ ONLY
FOR 3+1 USE CIRCUITS 1, 2, 3, 4▲ ONLY
MAX 20AMPS PER CIRCUIT

MAXIMUM SEGMENTS CONNECTED:
12 STANDARD POWER
6 HEAVY POWER



WARNING: RISK OF FIRE OR ELECTRIC SHOCK. THIS OFFICE FURNISHING SYSTEM MAY BE CONNECTED TO MORE THAN ONE SOURCE OF SUPPLY. ALL SOURCES MUST BE DISCONNECTED PRIOR TO ANY SERVICING. NO SINGLE CIRCUIT MAY BE POWERED BY MORE THAN ONE SOURCE.

Notes