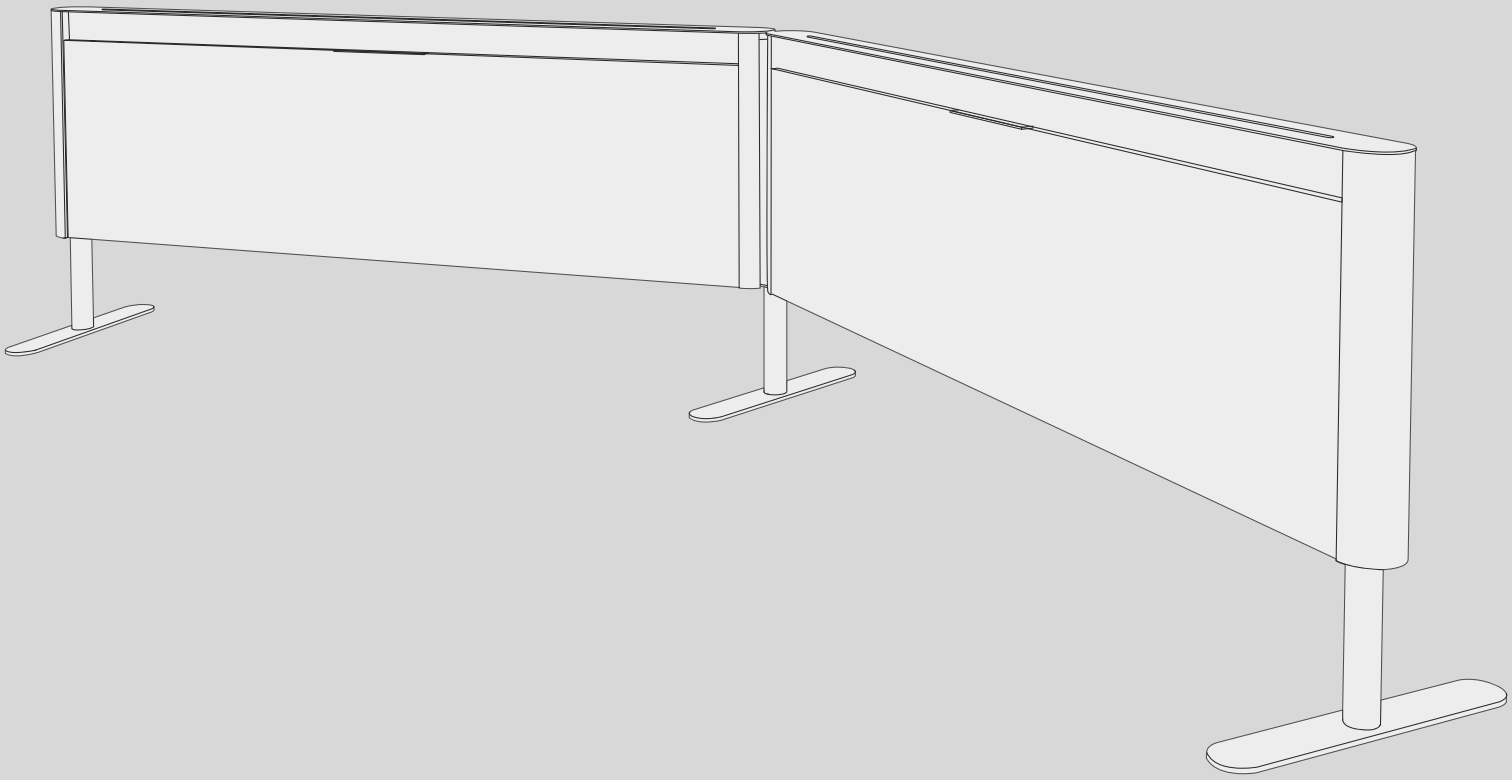
ASSEMBLY

Edison Senior Rail



V.22.1 10/2022

360.394.1300 watsonfurniture.com

watson

WARNINGS

WARNING - Risk of Fire or Electric Shock. It is possible for this office furnishing system to be connected to more than one source of supply. Disconnect all sources prior to any servicing. A single circuit shall not be powered by more than one source.

WARNING - Electrical connection between rail segments shall be disconnected prior to removal of a mechanical connection.

WARNING - The system may be supplied by a three phase power system with four individual circuits rated at 20 amps/120 volts maximum, or as permitted by local code.

WARNING - No more than 12 duplex receptacles shall be supplied by one circuit. (12 segments Two Duplex, 6 segments Four Duplex)

WARNING - For commercial use only.

NOTE - Installation must be in accordance with the National Electrical Code and local codes. Electrically interconnected tables need to be mechanically connected.

The Edison Senior Rail is ETL listed to UL962

General Rail Assembly Notes

It is recommended to perform as much of the rail assembly upside-down, keeping in mind how many installers are available to flip the run right-side up once assembled.

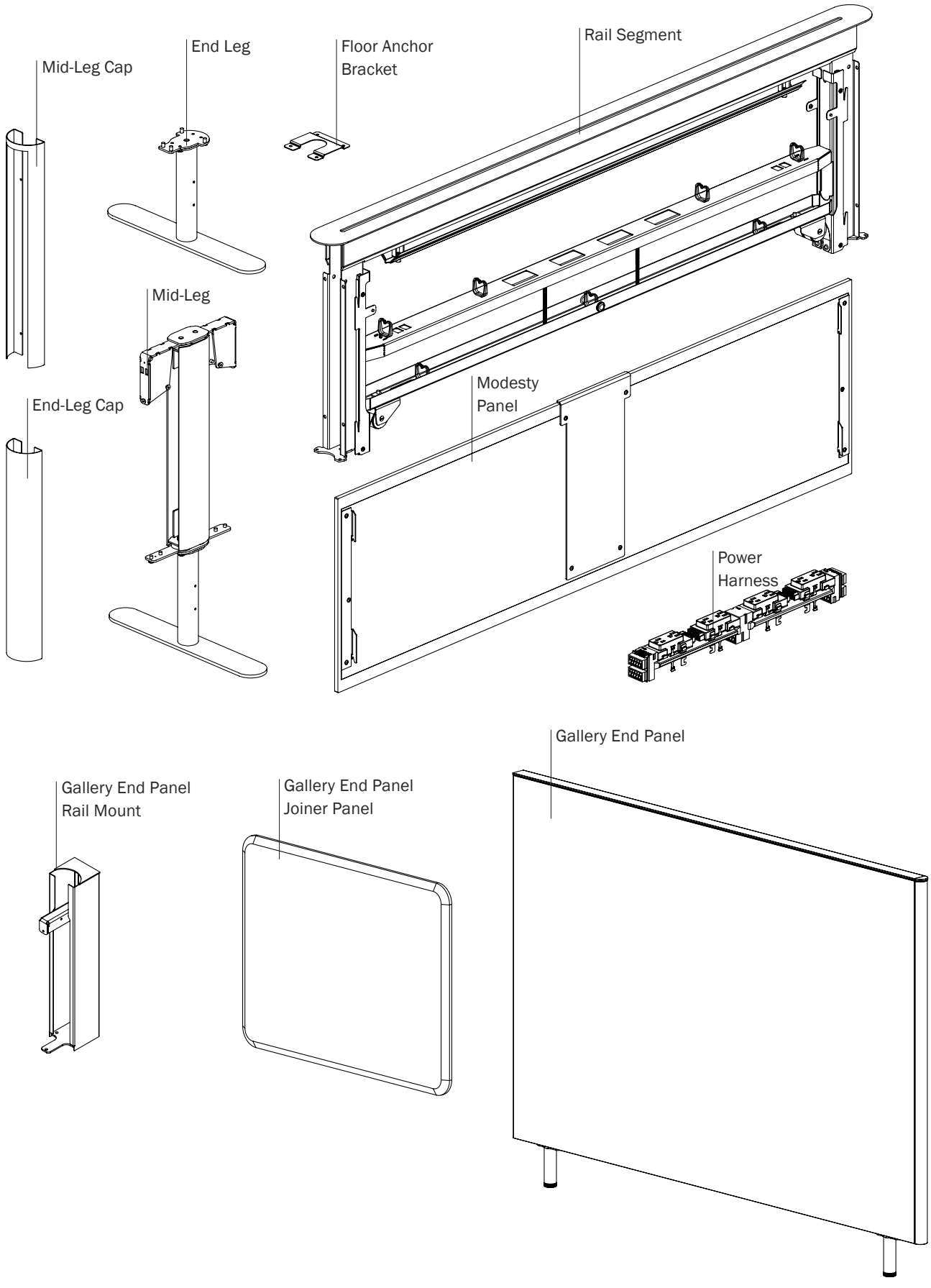


If 1 - 2 installers: flip the first rail segment upside down and complete steps 1 & 2. Then flip the rail right side up and continue with instructions, adding one segment at a time for step 3.

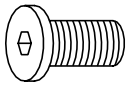


If 3+ installers: complete steps 1-4 with the rail flipped upside down. Once complete, flip right side up. The length of run will determine how many installers are needed to perform the flip.

Edison Senior Rail Components



Hardware



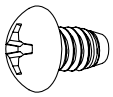
M6-1.0x12mm Low Profile Cap Screw (0001140)



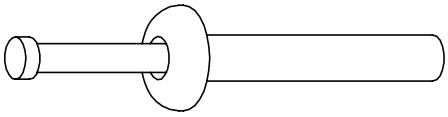
M6-1.0x100mm Button Head Cap Screw (0001247)



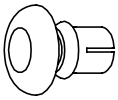
8-32x1/4" Thread Cutting Screw (121538)



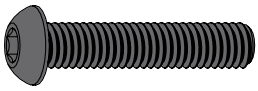
8/32x1/4 Thread Cutting Screw (121405)



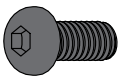
Floor Anchor Screw (48013)



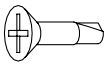
Plastic Reusable Push Rivet (0000822)



Screw M6 x 30MM BHSCS, Black (0002086)



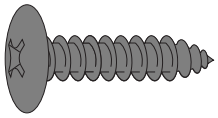
Screw M6-1.00 x 12MM BHSCS, Black (125285)



Screw Thread-Cutting M4 x 8MM FH PH, Zinc (0003016)

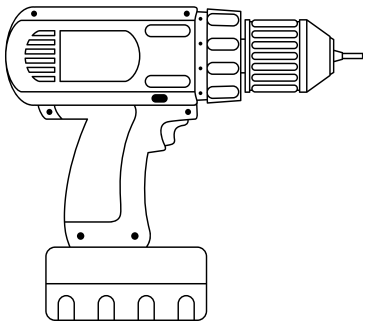


Screw M6 x 50MM Partial Socket, Black (0003010)



Screw SMS #10 x 3/4 Truss Head PH, Black (122875)

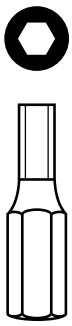
Tools



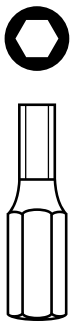
Electric Drill



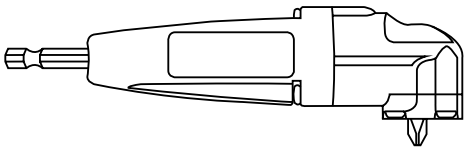
Phillips Drill/Driver Bit

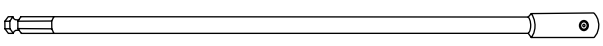


2mm Hex Drill/ Driver Bit



3mm Hex Drill/ Driver Bit



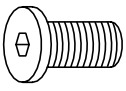


Additional tools such as a 90 Degree Bit and an 18" Extension are helpful for some steps

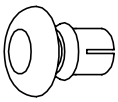
*No torque or ball bits should be used

1. Mount End-Leg Cap and End Leg to Rail

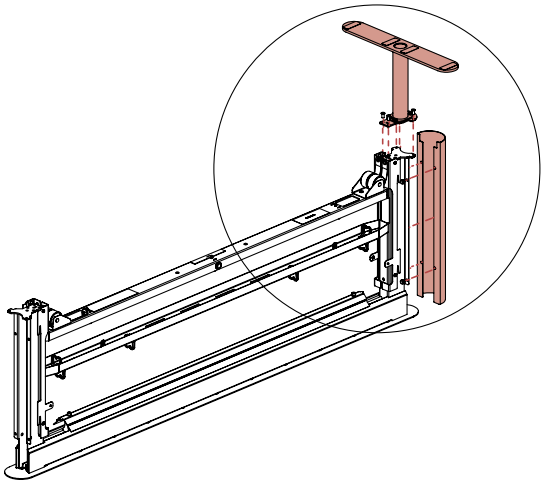
Flip the first rail of the run upside down onto a soft surface. Attach an end cap to one end of the rail segment using 4 (0000822) push rivets. Next attach the end leg to the bottom of the rail segment using 4 (0001140) screws. You will repeat this step for the end-of-run rail segment as well. *Please note: a 90 degree bit is helpful for this step.*

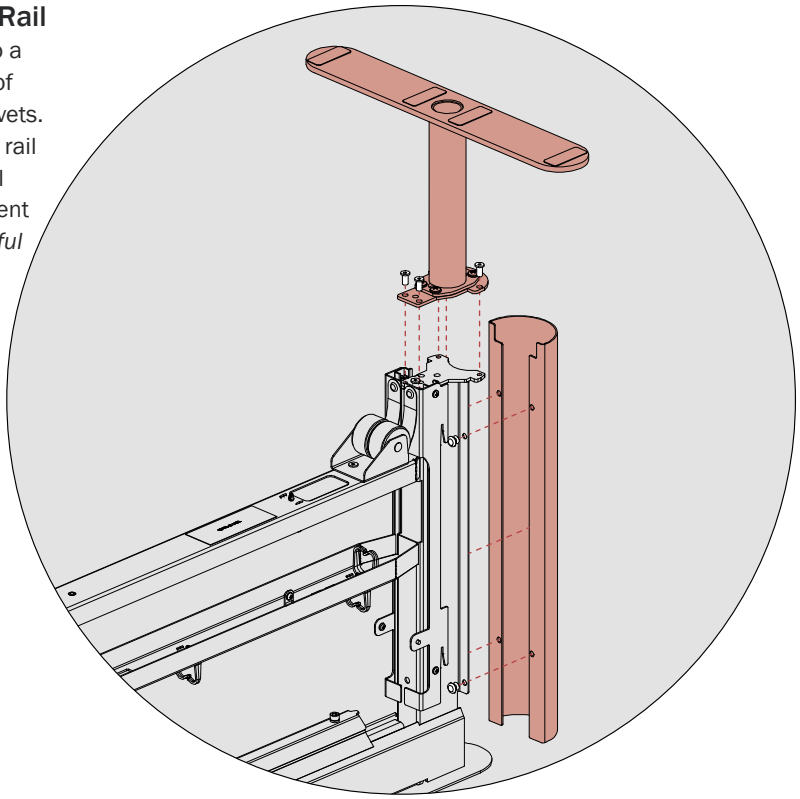


M6-1.0x12mm Low Profile Cap Screw (0001140)



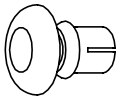
Plastic Reusable Push Rivet (0000822)



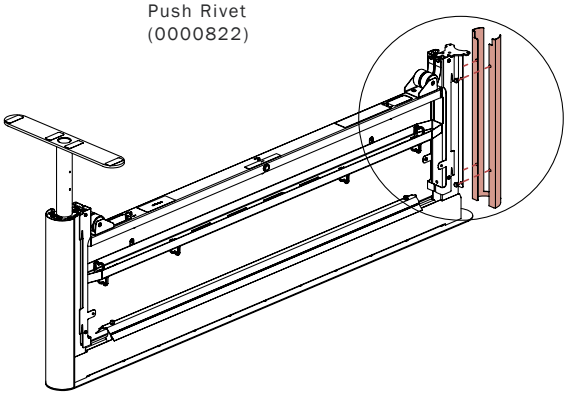


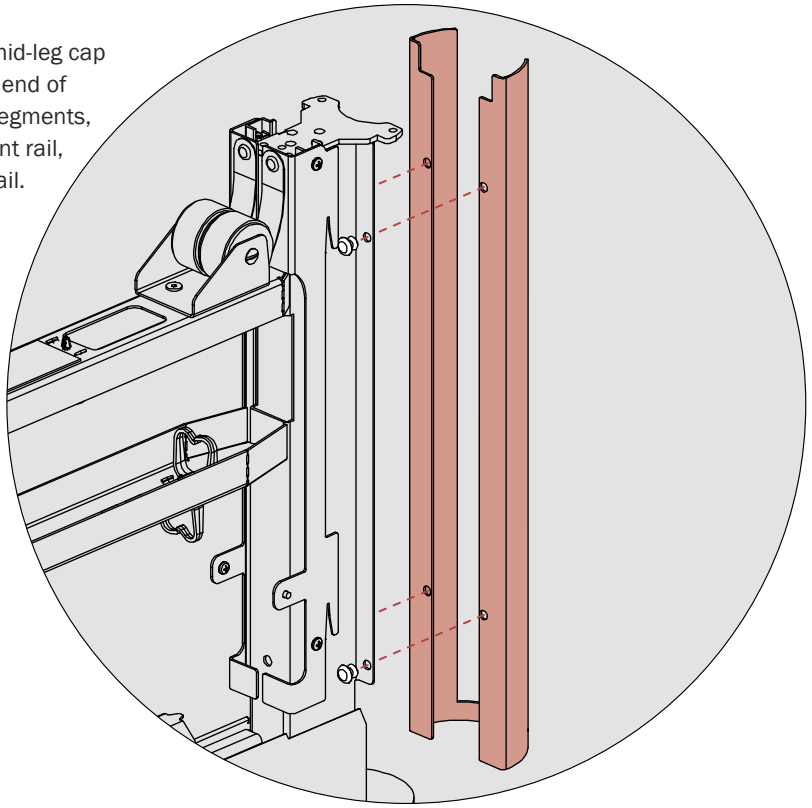
2. Mount Mid-Leg Cap to Rail

If attaching another rail segment, attach a mid-leg cap using 4 (0000822) push rivets on the other end of the rail. Repeat this step for all middle rail segments, adding two mid-leg caps to each mid-segment rail, and one end-leg cap to each end-segment rail.



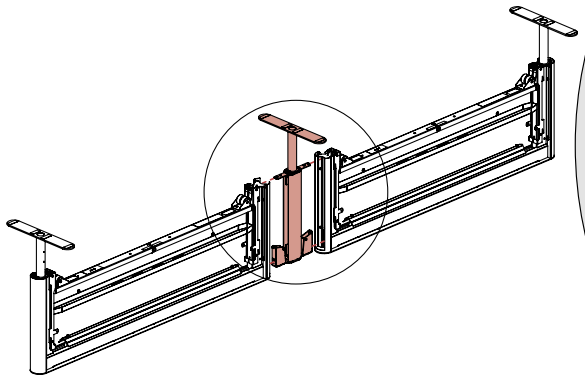
Plastic Reusable Push Rivet (0000822)

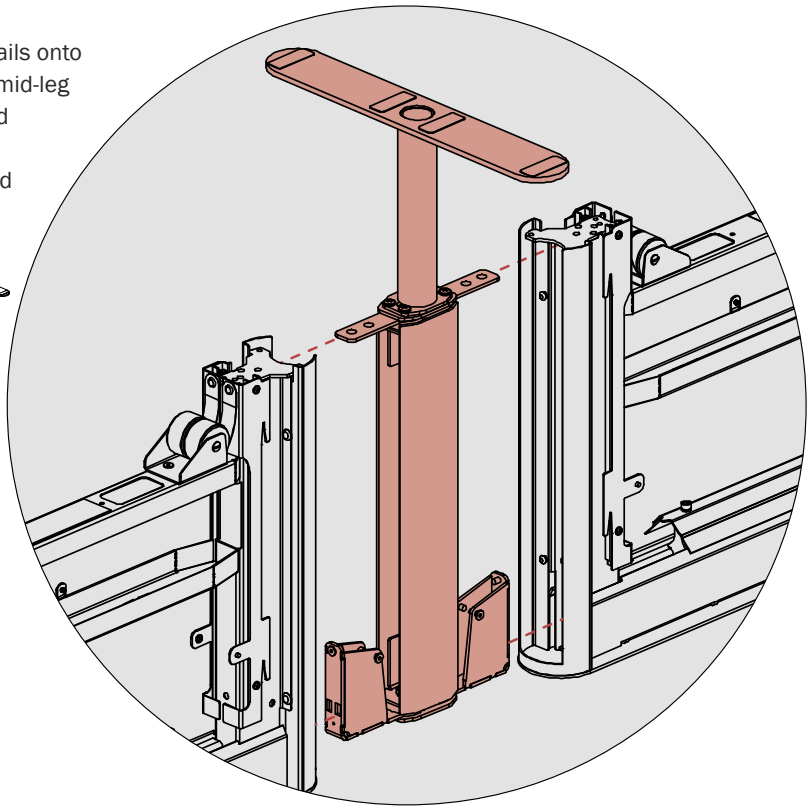




3. Connecting Rail Segments

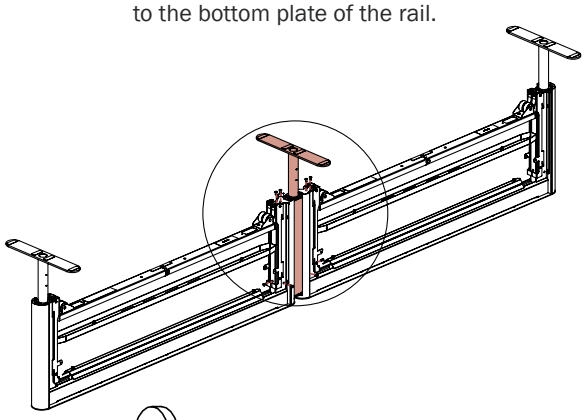
After installing the mid-leg caps, slide the rails onto the mid-leg assembly. The openings in the mid-leg caps at the end of each rail segment should fit snugly around the mid-leg leg assembly brackets. The example below shows two end rail segments connected.

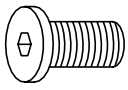




4. Screw Mid-Leg Onto Rails

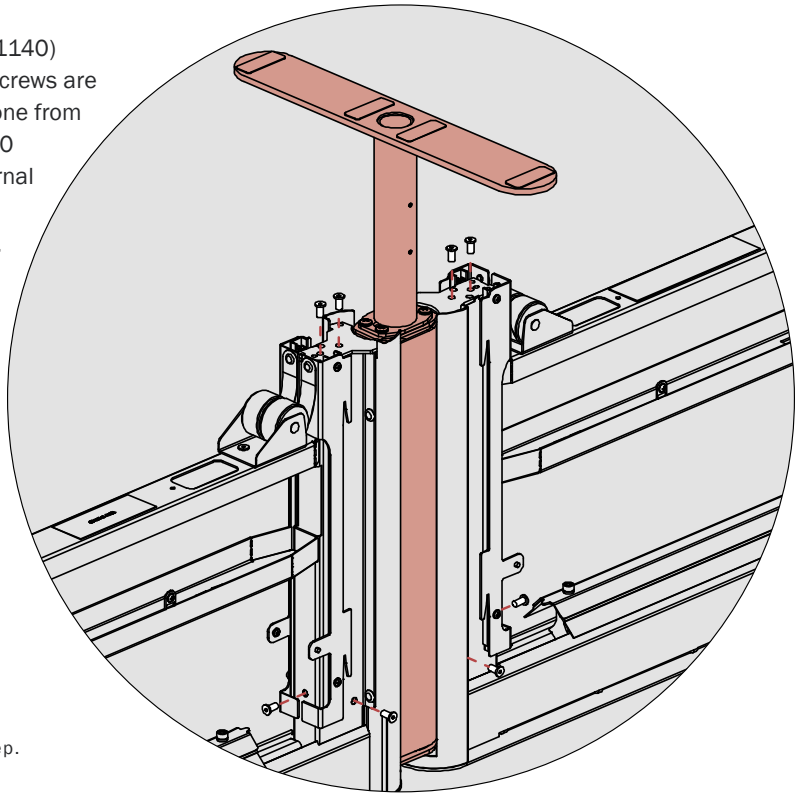
Secure the mid-leg to the rails using 5 (0001140) screws on each side, as shown below. Two screws are driven from below, two from the sides, and one from the inside of the rail segment for a total of 10 screws. The bottom plate of the leg sits internal to the bottom plate of the rail.





M6-1.0x12mm Low Profile Cap Screw (0001140)

*Please note: a drill extension or 90 degree bit is helpful for this step.

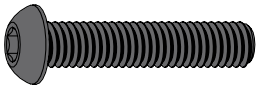


Optional Gallery End Panel Assembly

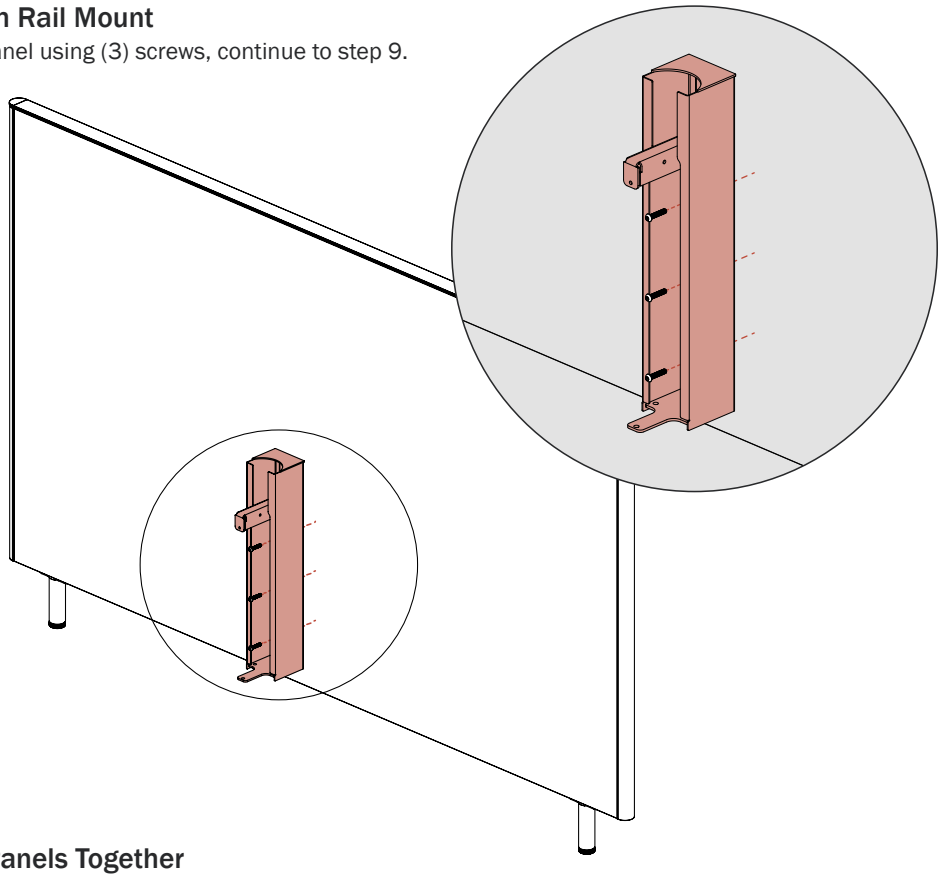
If the customer ordered Gallery End Panels (one-piece or two-piece), assembly will take place at this step in the process. If no Gallery End Panels were ordered, continue to Step 11.

5. One-Piece Panels: Attach Rail Mount

Screw the rail mount to the panel using (3) screws, continue to step 9.

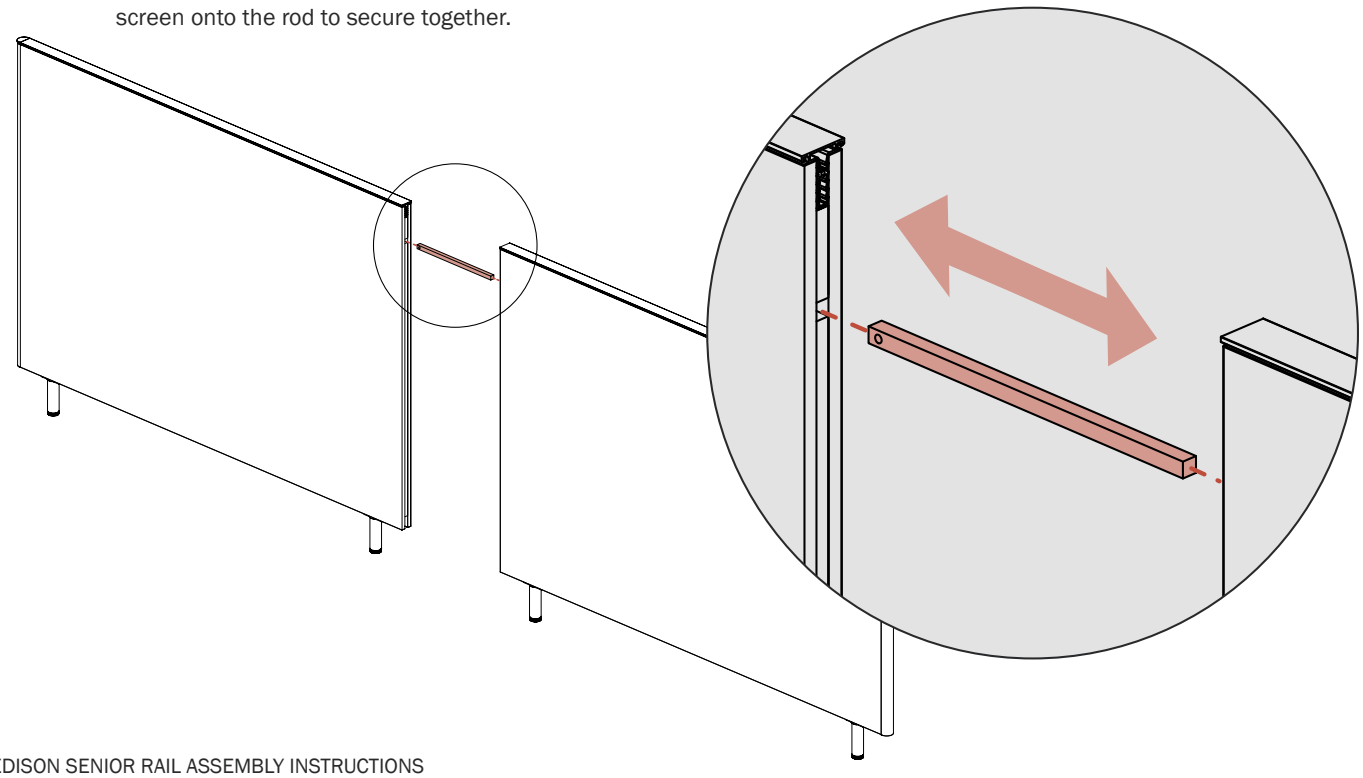


Screw M6 x 30MM
BHSCS, Black
(0002086)



6. Two-Piece Panels: Join Panels Together

In the case of a two-piece Gallery End Panel, slide the spline rod into one screen, and then push the second screen onto the rod to secure together.



7. Two-Piece Panels: Attach Joiner Panel

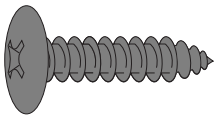
Screw the joiner panel to the two main panels using (8) screws.



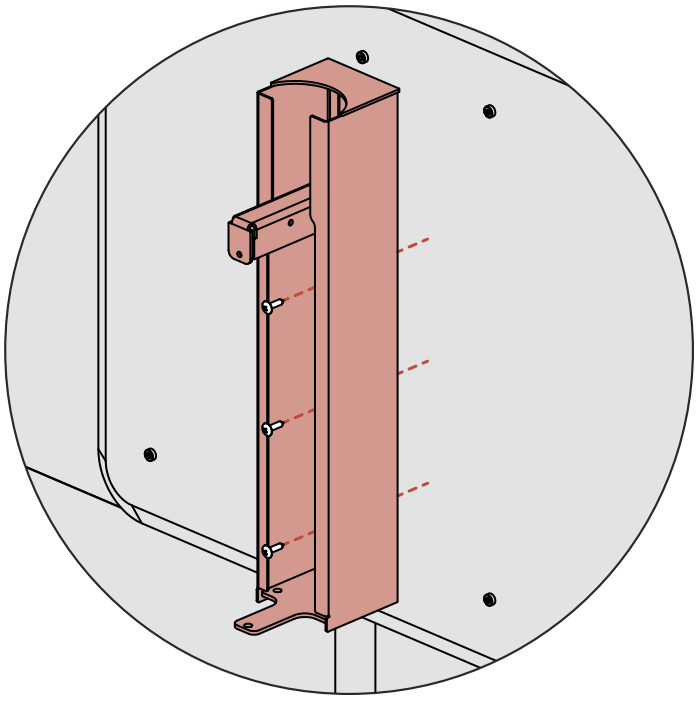
Screw M6 x 50MM
Partial Socket, Black
(0003010)

8. Two-Piece Panels: Attach Rail Mount

Screw the rail mount to the joiner panel using (3) screws, the top of the rail mount should come to a height of 27”.

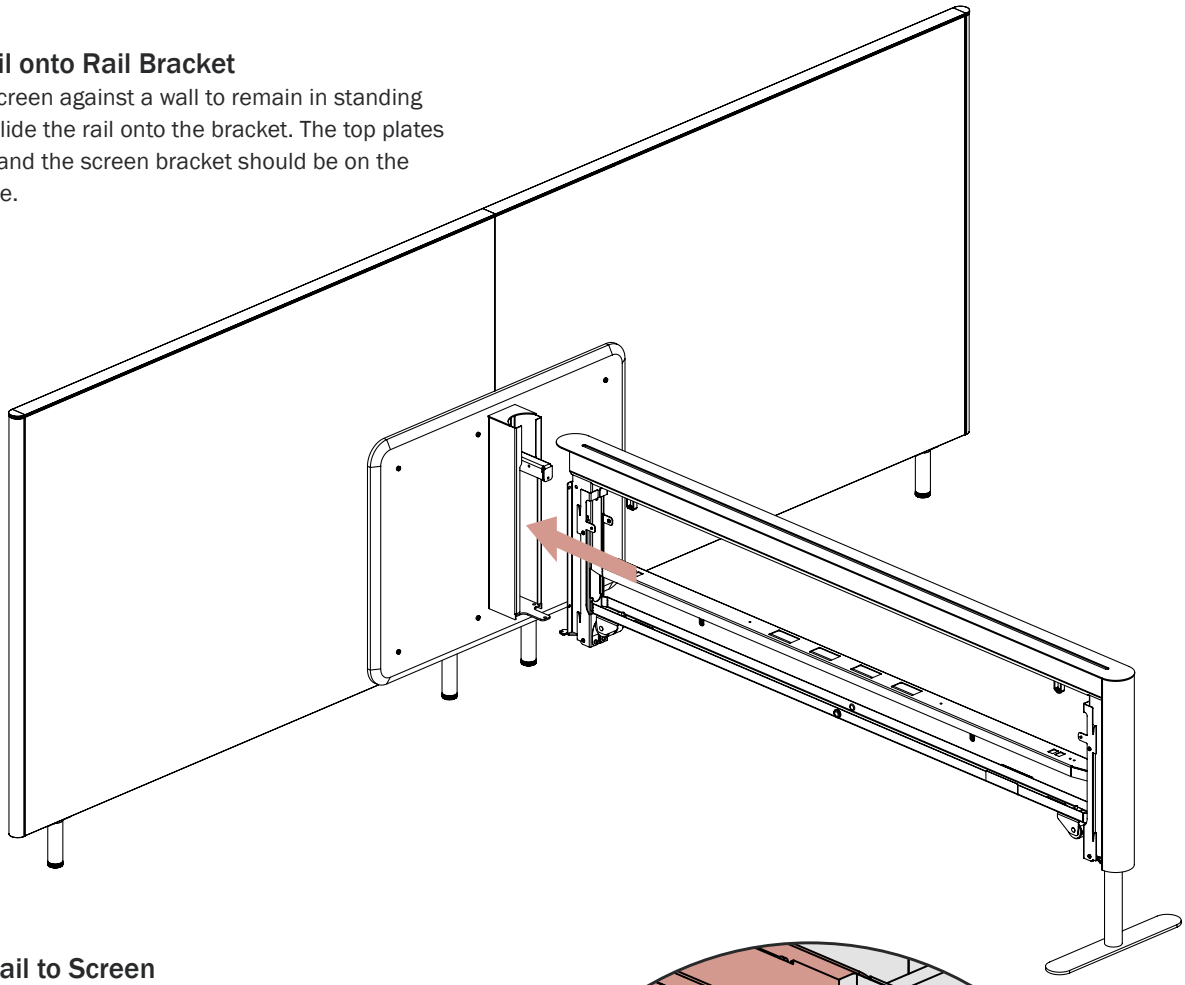


Screw SMS #10 x
3/4 Truss Head PH,
Black (122875)



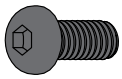
9. Slide Rail onto Rail Bracket

Prop the screen against a wall to remain in standing position. Slide the rail onto the bracket. The top plates of the rail and the screen bracket should be on the same plane.

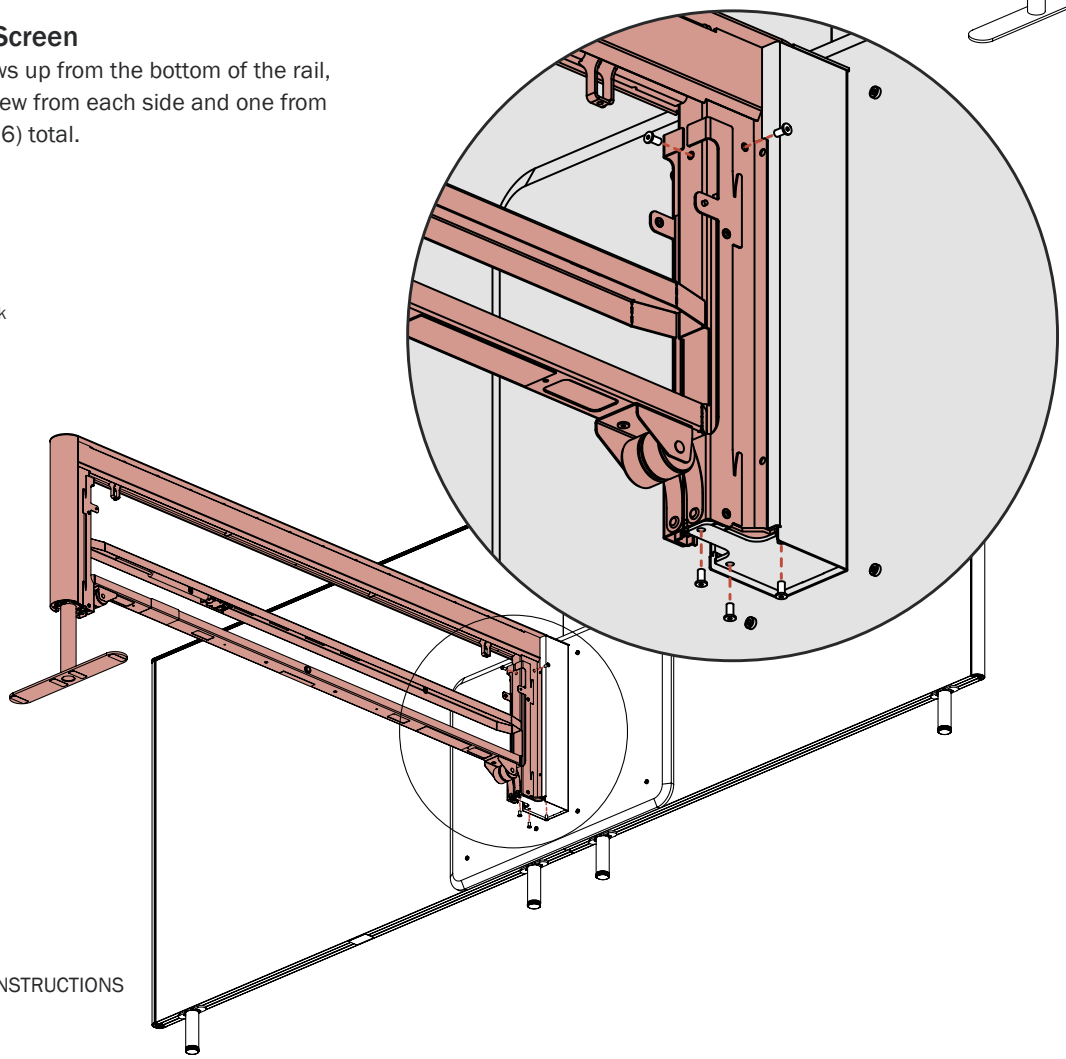


10. Mount Rail to Screen

Drive (3) M6 screws up from the bottom of the rail, then drive one screw from each side and one from inside the rail for (6) total.

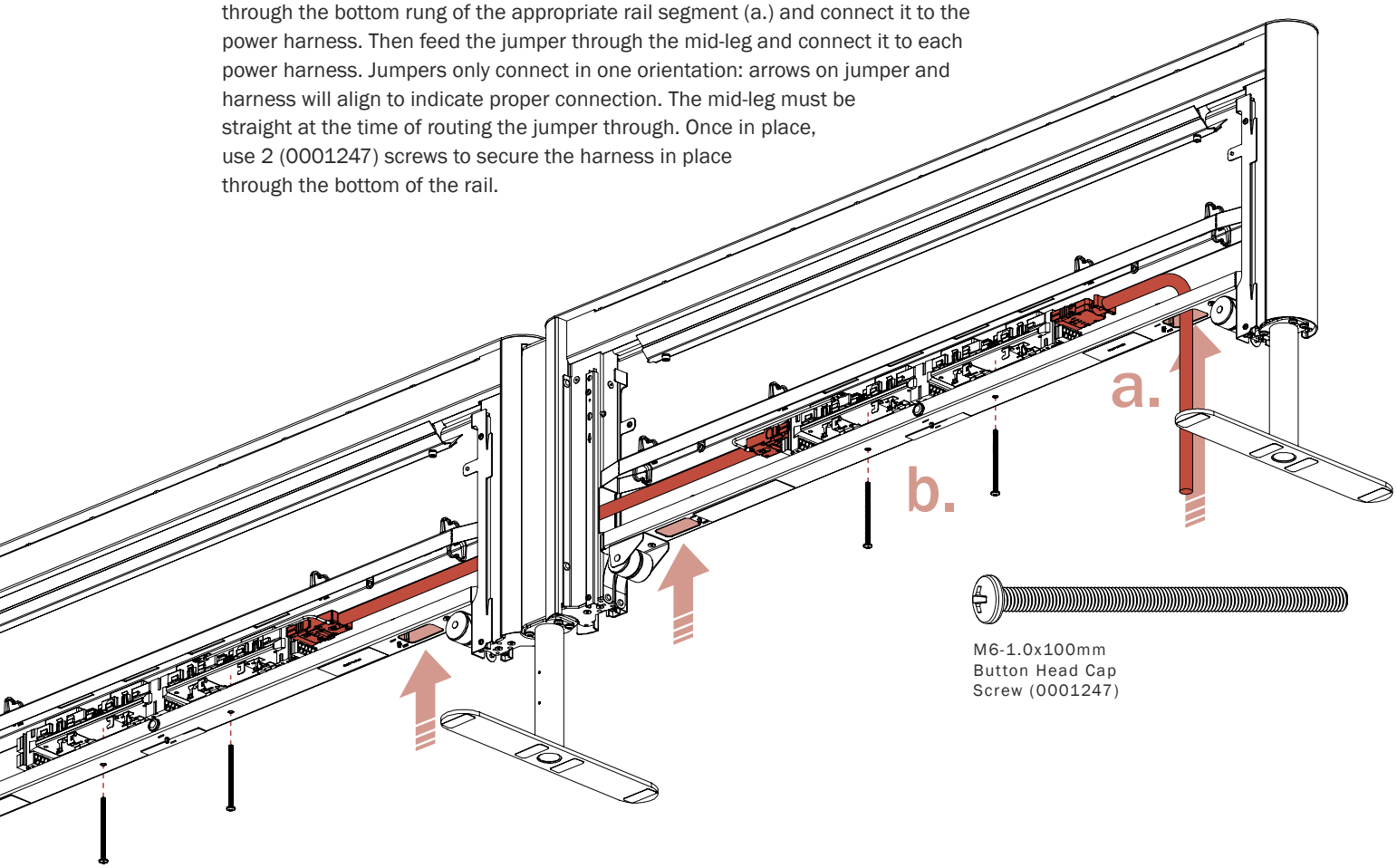


Screw M6-1.00 x 12MM BHSCS, Black (125285)



11. Install Jumpers & Power Harness

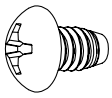
Align power harness outlets with cutouts in the rail segment. Next feed the infeed through the bottom rung of the appropriate rail segment (a.) and connect it to the power harness. Then feed the jumper through the mid-leg and connect it to each power harness. Jumpers only connect in one orientation: arrows on jumper and harness will align to indicate proper connection. The mid-leg must be straight at the time of routing the jumper through. Once in place, use 2 (0001247) screws to secure the harness in place through the bottom of the rail.



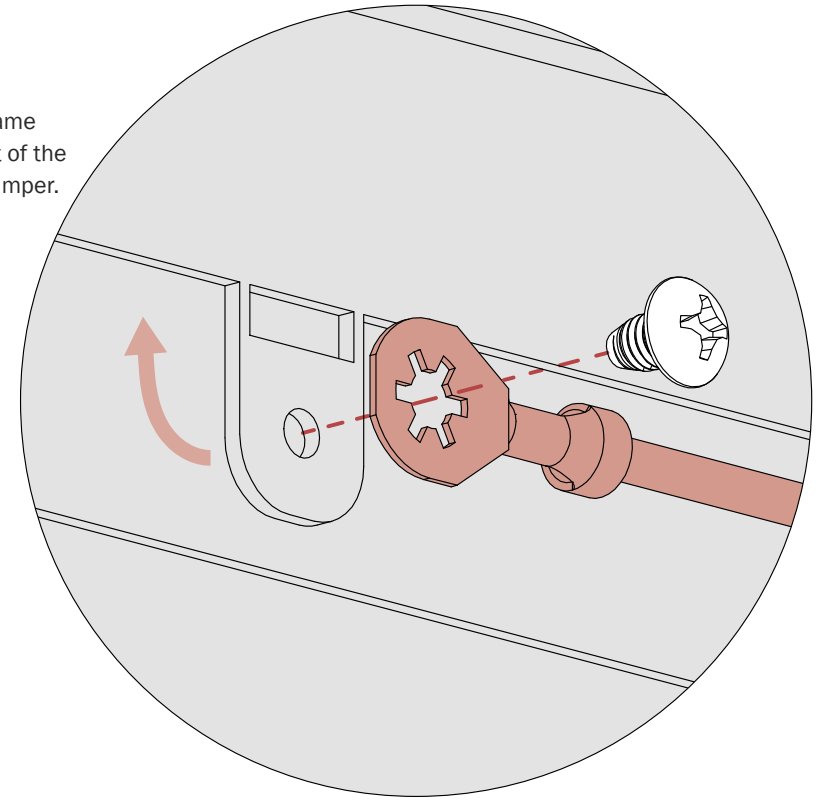
M6-1.0x100mm
Button Head Cap
Screw (0001247)

12. Secure Ground Wire

Screw the ground wire to the tab on the frame and bend the tab back and inward and out of the way. Only one ground wire is needed per jumper.

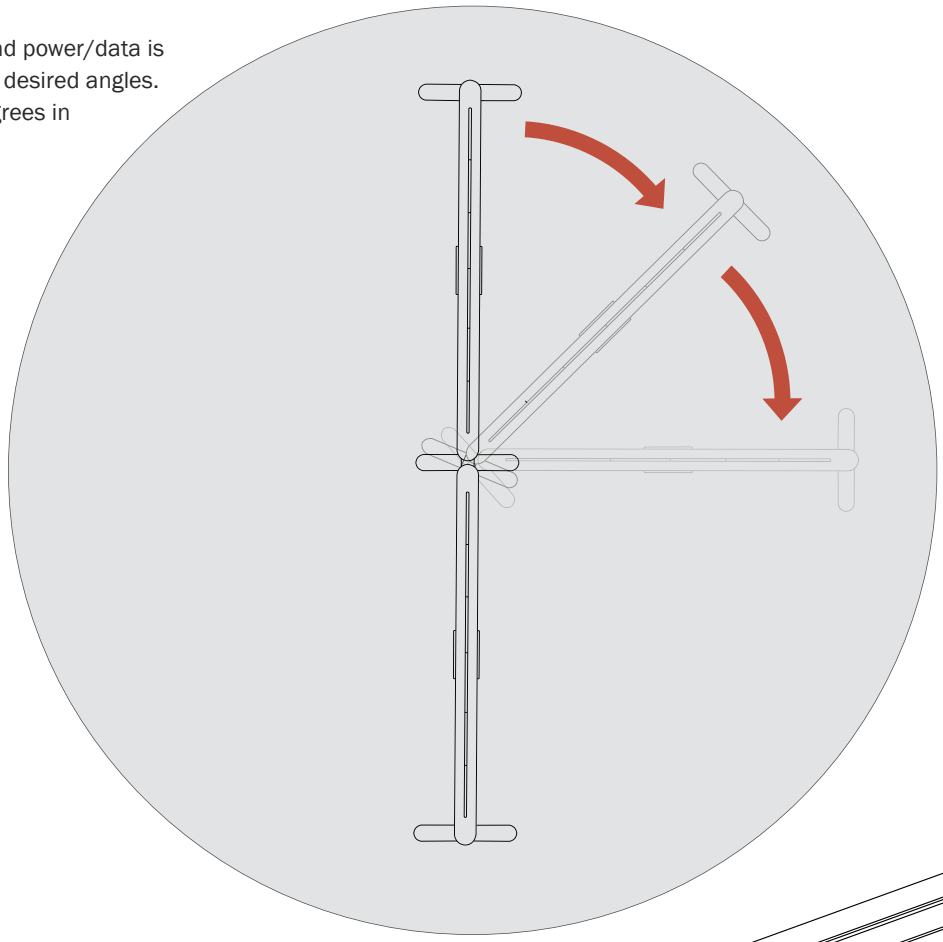


8/32x1/4 Thread
Cutting Screw
(121405)



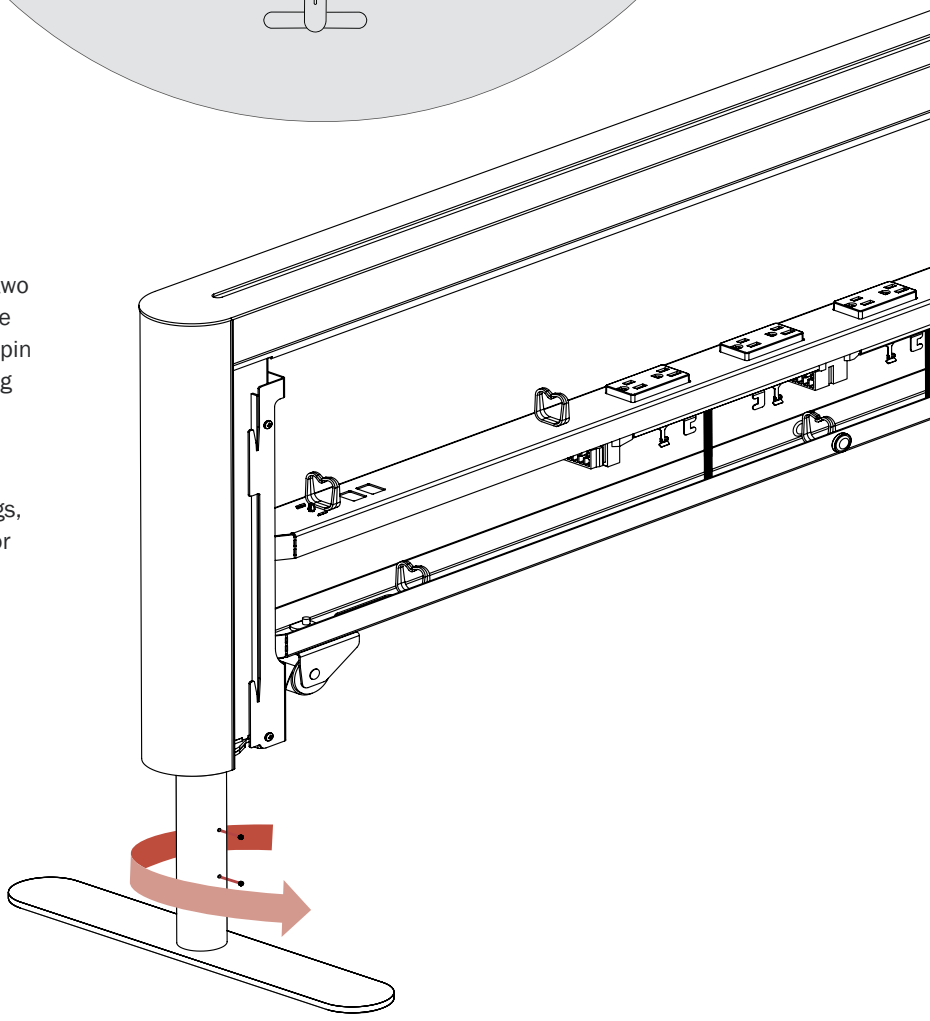
13. Bending the Rail

Once the run is assembled, and power/data is installed, bend the rails to the desired angles. The mid-legs can bend 90 degrees in either direction.



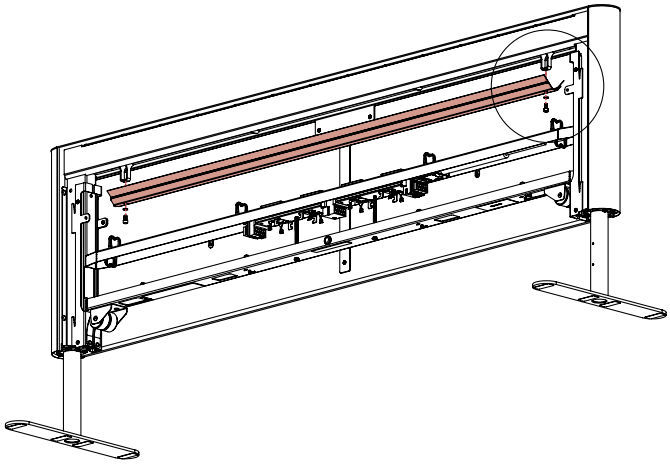
14. Leveling the Rail

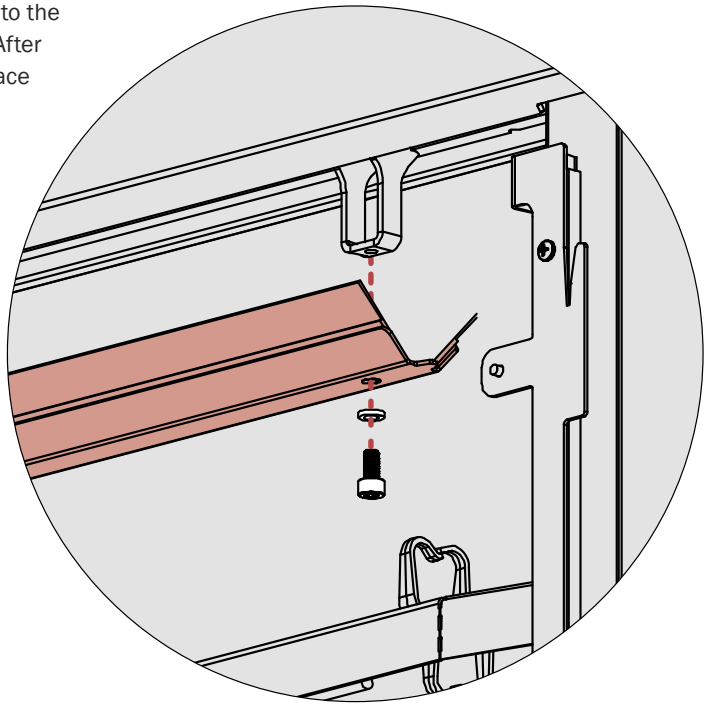
To level the run of rail segments, loosen the two set screws on each leg, as shown below. Once the screws are loosened, the foot will freely spin and telescope in and out, raising and lowering that section of rail. When the desired height is reached, be sure to re-tighten the screws. PLEASE NOTE - the leg must always be re-tightened perpendicular to the rail for end-legs, and perpendicular to the mid-leg assembly for mid-legs.



15. Remove Drain Tray to Install Accessories

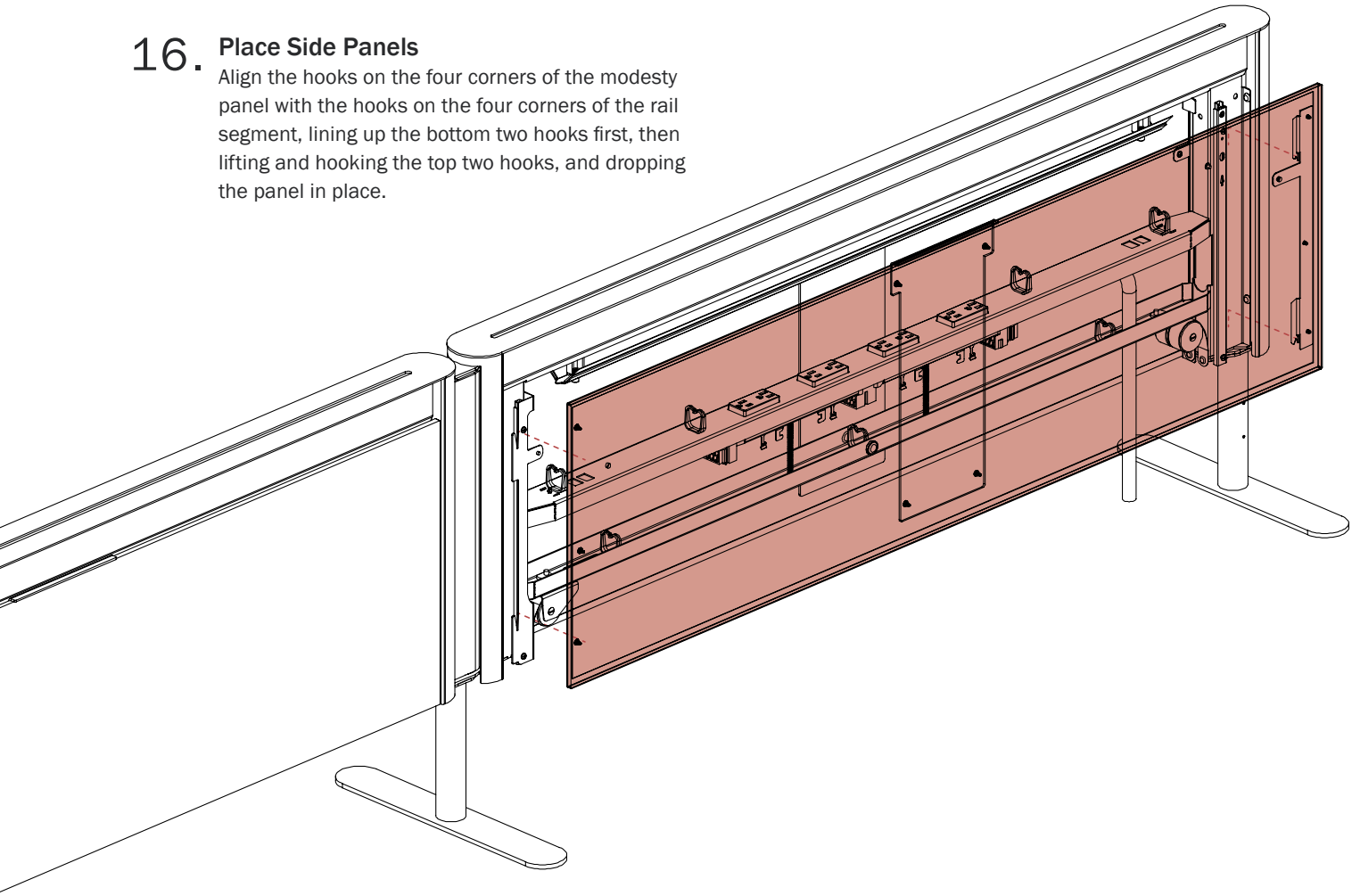
If accessories such as screens, planters, or shelves are being installed, unscrew the drain tray to gain access to the mounting slot in the rail and set aside the hardware. After accessories are installed, mount drain tray back in place with the set aside hardware.





16. Place Side Panels

Align the hooks on the four corners of the modesty panel with the hooks on the four corners of the rail segment, lining up the bottom two hooks first, then lifting and hooking the top two hooks, and dropping the panel in place.

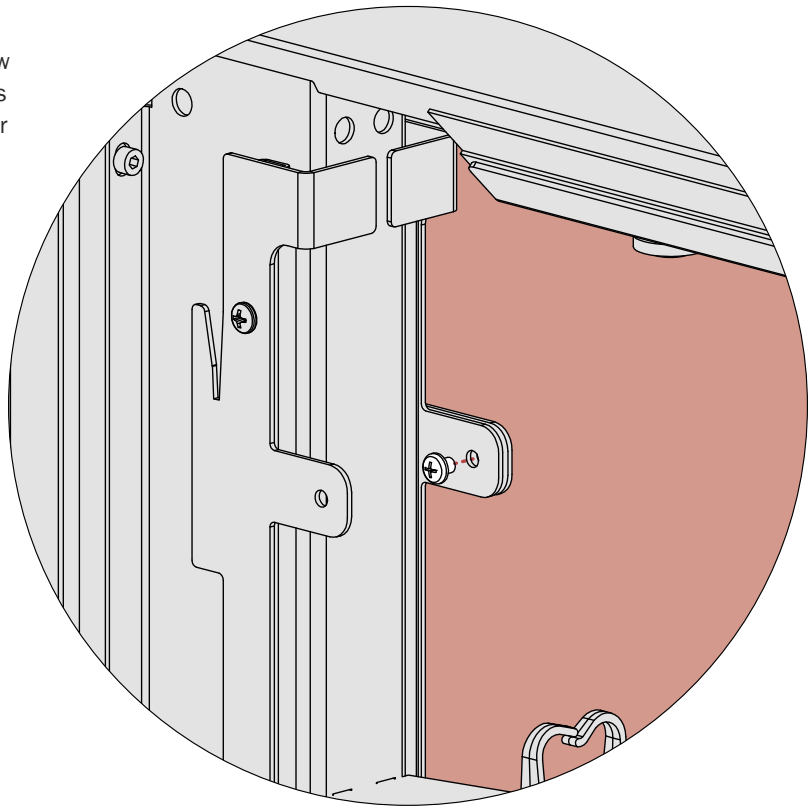


17. Secure Side Panels

Mount side panels in place using one screw (121538) for each side of panel, (4) screws total. Hold down the opposite side panel for direct drill access.

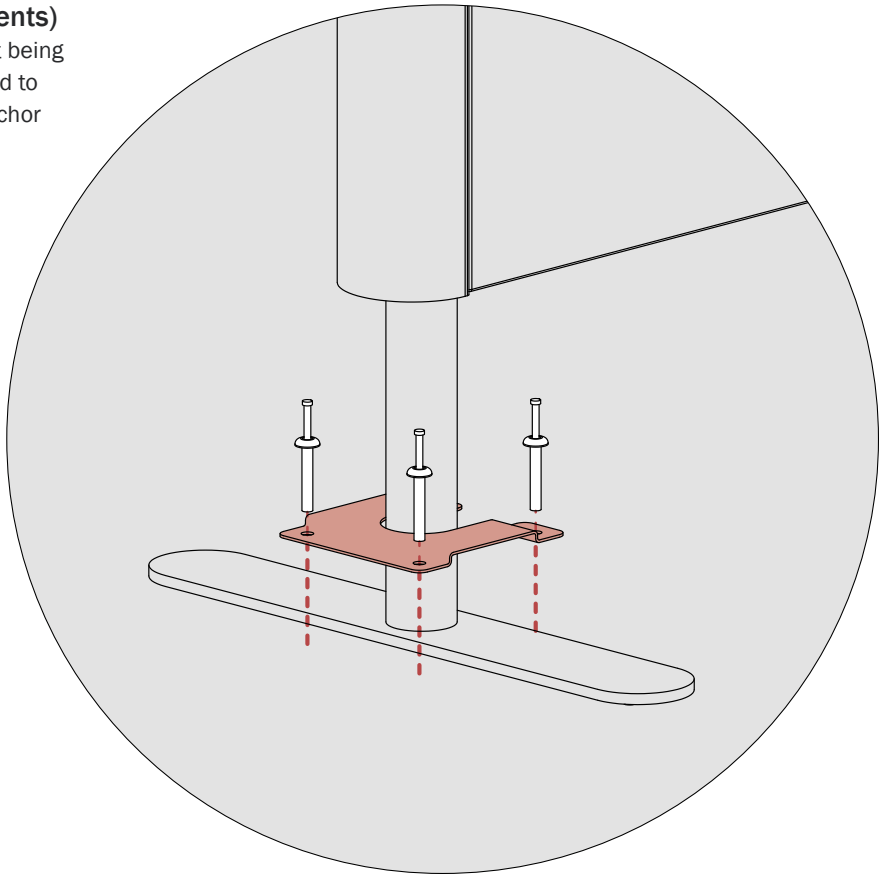


8-32x1/4" Thread Cutting Screw (121538)



18. Floor Mount (for single segments)

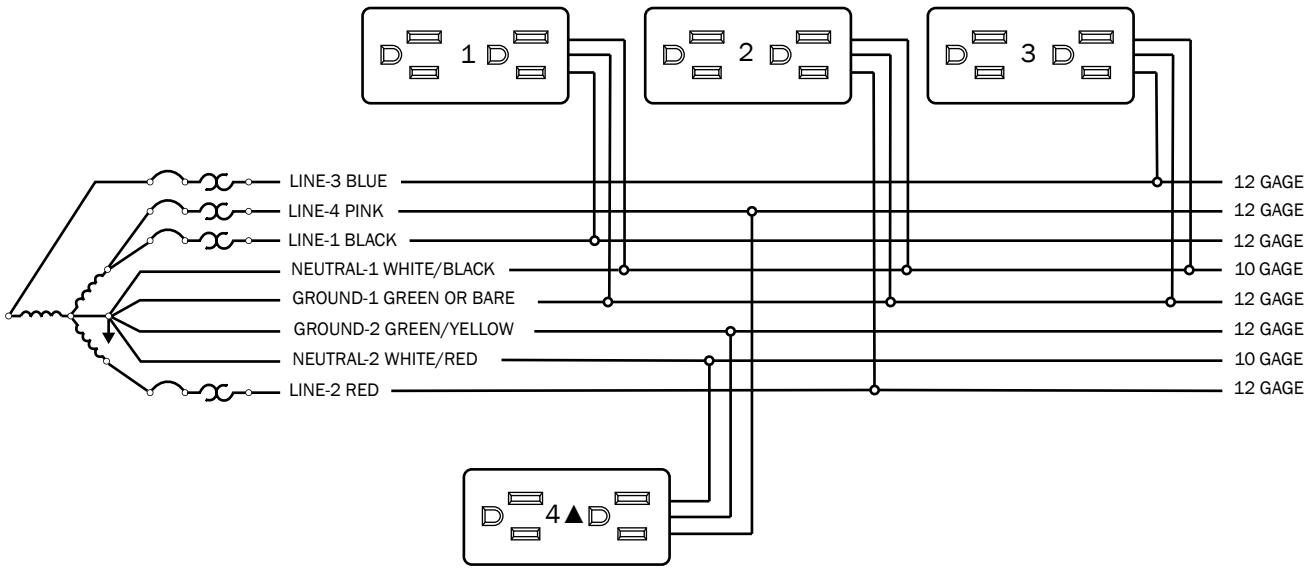
In the case of only a single segment being used, the segment must be mounted to the floor using the supplied floor anchor bracket and 4 floor anchor screws (480136) per foot.



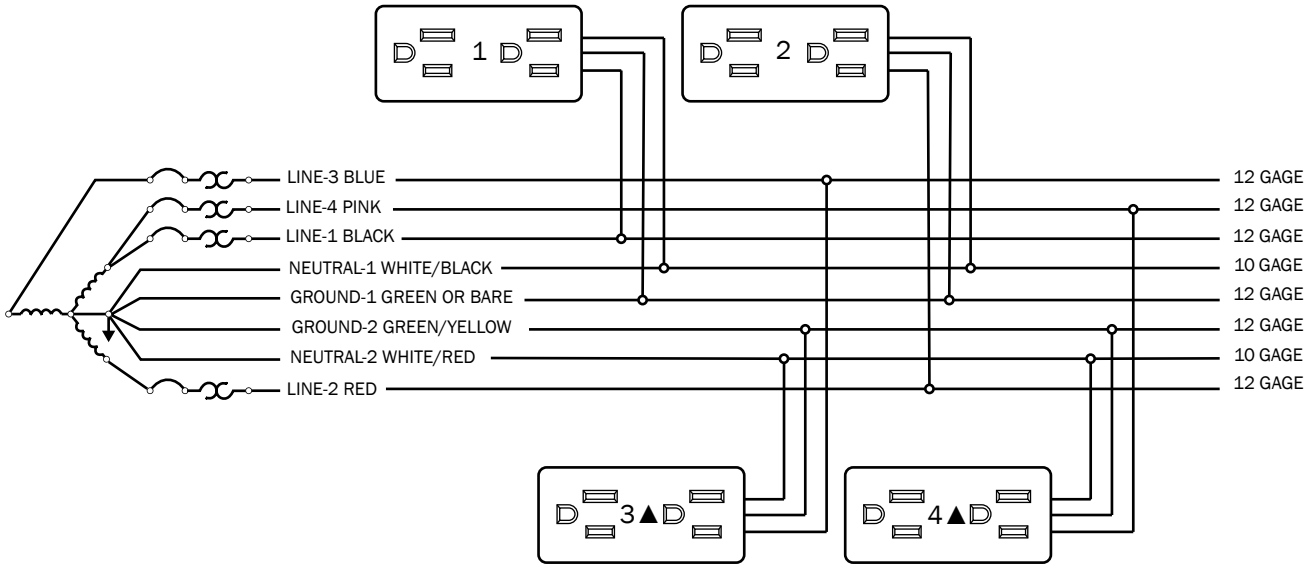
Wiring Schematic

120 / 208V 3 ph
MAX 20AMPS PER CIRCUIT
MAXIMUM SEGMENTS CONNECTED:
12 STANDARD POWER
6 HEAVY POWER

FOR 3+1 USE CIRCUITS 1, 2, 3, 4▲ ONLY



FOR 2+2 USE CIRCUITS 1, 2, 3▲, 4▲ ONLY



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.