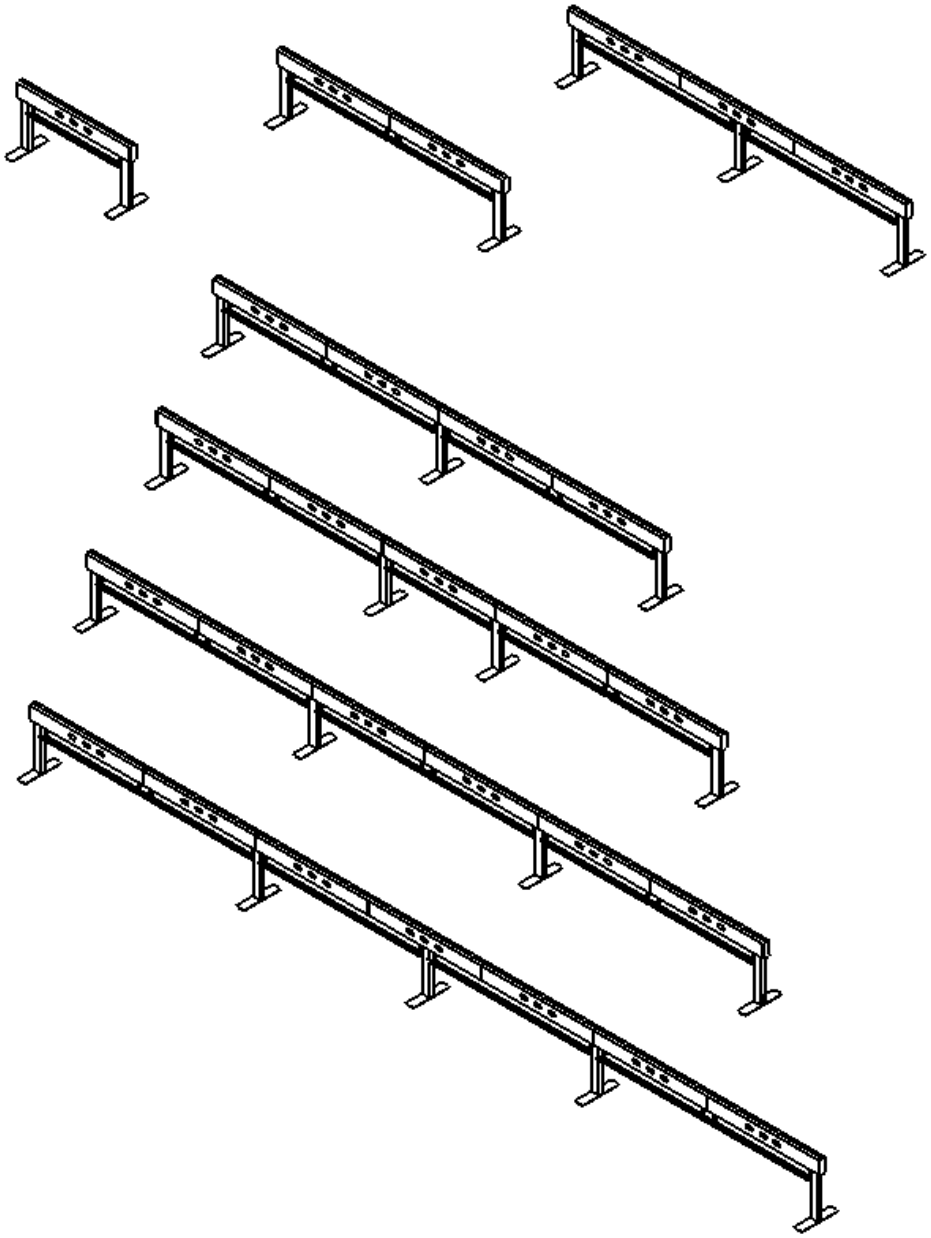
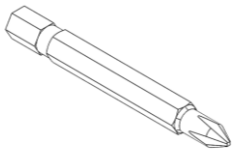
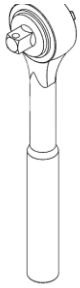
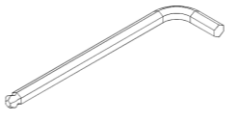
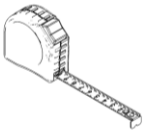
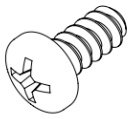
Jet Beam (JEBx)
Installation Guide (JE0001)



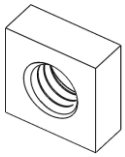
 Drill	 Phillips Head Driver (Extension recommended)	 Ratchet	 Socket
 Allen Wrench	 Tape Measure		
		Dead Blow Hammer	



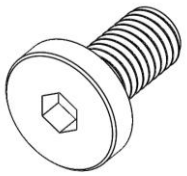
#8-18 x 3/8- Pan Phil
Thread Cutting



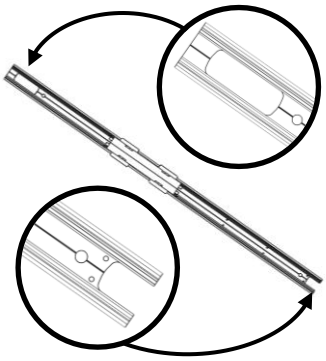
5/16-18 X 7/8”
Flanged Hex Head



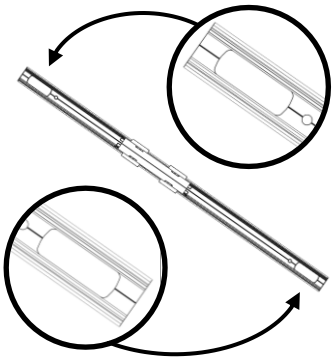
5/16-18 X 7/8”
Square Nut



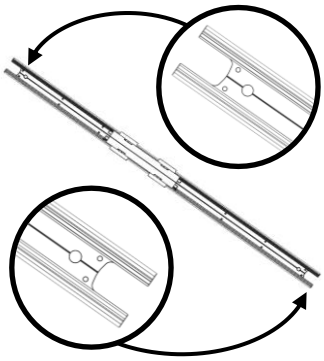
1/2-13 x 3/4
Low Profile Socket Head Screw
100-20486



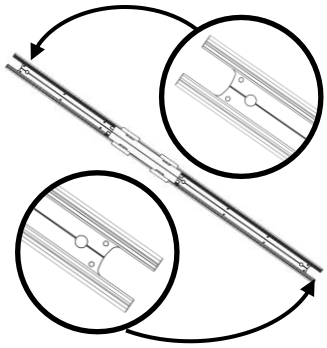
Base
MEA-2004-x-END



Base
MEA-2004-x-S



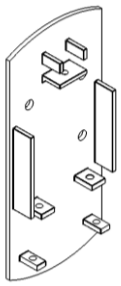
Base
MEA-2004-x-MID



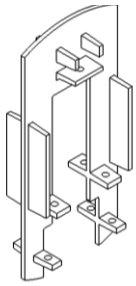
Base
MEA-2004-x-C



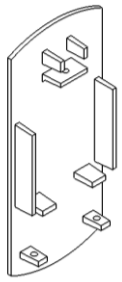
Mid Support Beam
MEA-2010-x



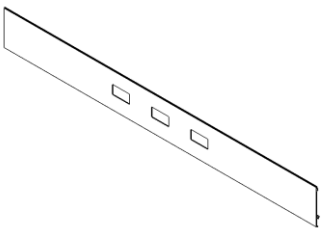
End Cap for End Panel
MEA-1005-EP



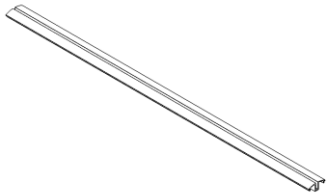
MID Cap
MEA-1005-MID



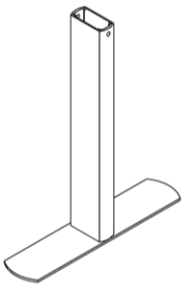
End Cap
MEA-1005-END



Beltway
MEA-2002-x



Top Cap
MEA-2003-x



Leg Assembly
MES-1000-x

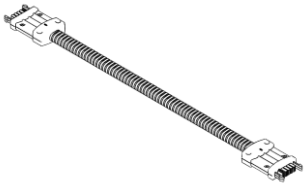
 Infeed	 Jumper		

Fig 3.1

Position Leg near it's intended final location and run the infeed through the leg.

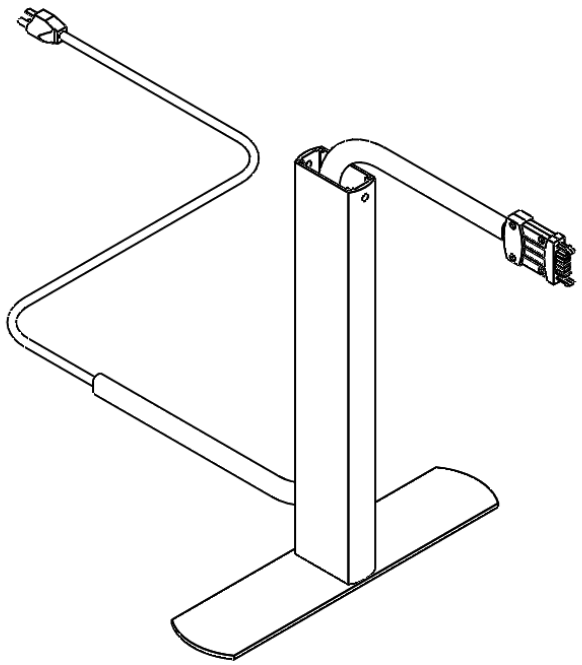


Fig 3.2

Layout all the components in their general assembly location. All beams have direction arrows on them. Ensure that all arrows are facing the same direction.

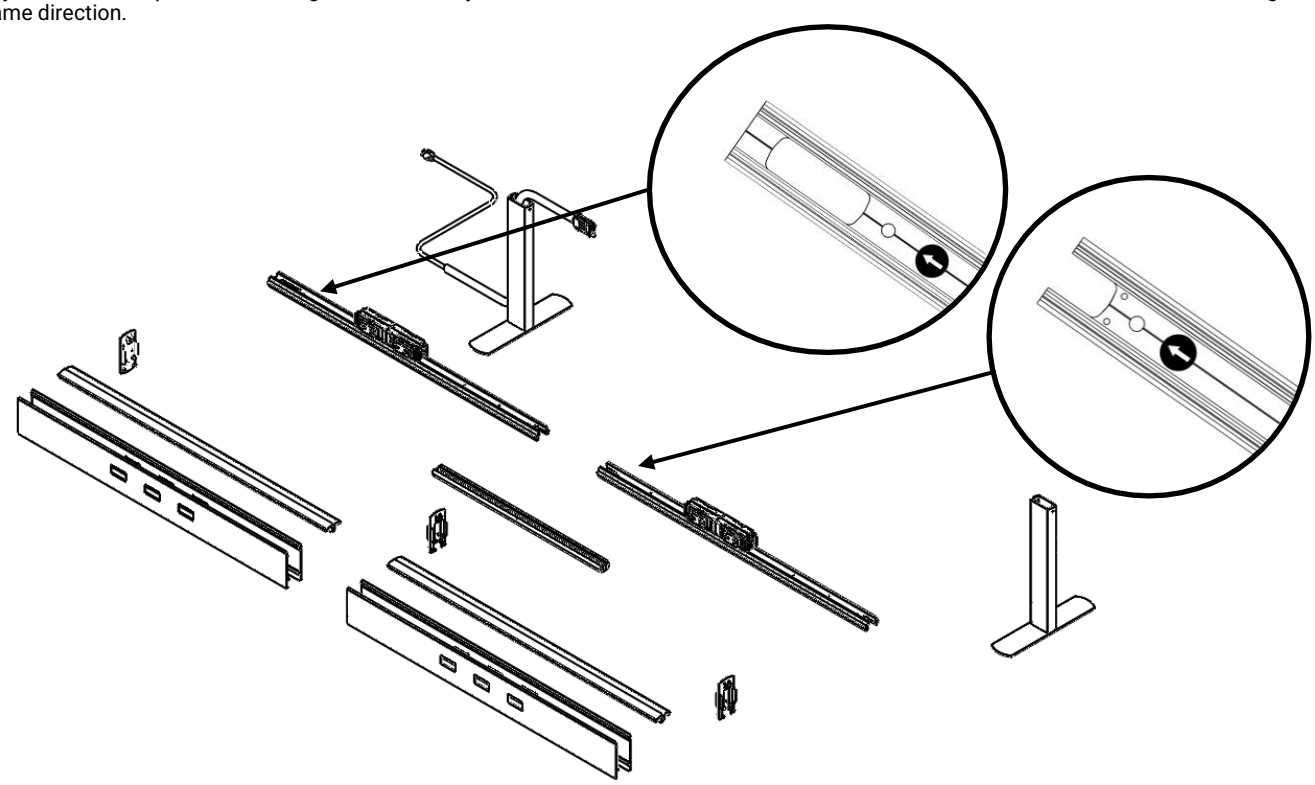


Fig 3.3

Starting with (2) Base (MEA-2004-x-END), align and slide a Mid Support Beam (MEA-2010-x) in between both Bases. Align the 1/2-13 threaded holes and loosely attach using an 8-18 x 3/8 Pan Phil (100-45610)

Install a Casted MID Cap (MEA-1005-MID) between the Base (MEA-2004-x-END) and the next Base (MEA-2004-x-x). Align the 1/2-13 threaded holes and loosely attach using a 1/2-13 x 3/4 Low Profile Socket Head Screw (100-20486).

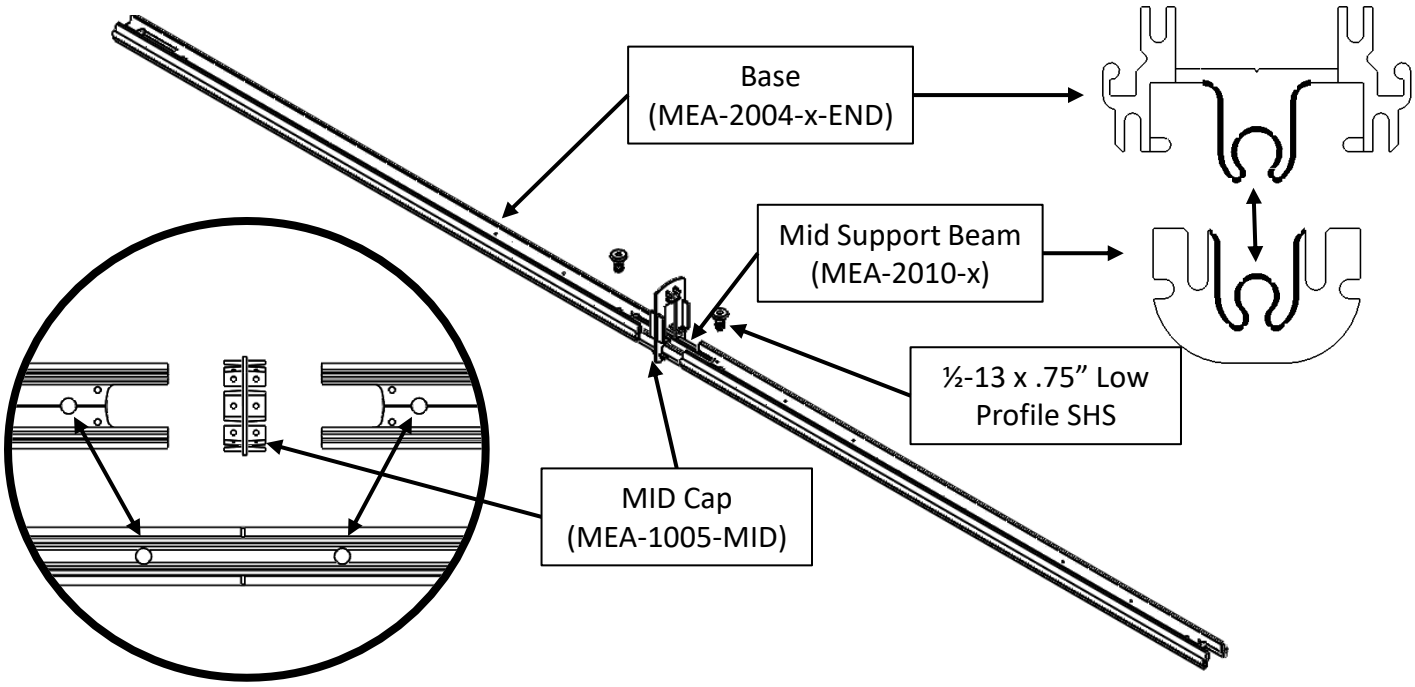


Fig 3.4

Ensure the assembly is pressed as together as much as possible, than fully tighten the 1/2-13 x 3/4 Low Profile Socket Head Screw (100-20486)

Anchor the member together using (12) Pan Phil 8-18 x 3/8 Pan Phil (100-45610), starting from the seam and moving outward.

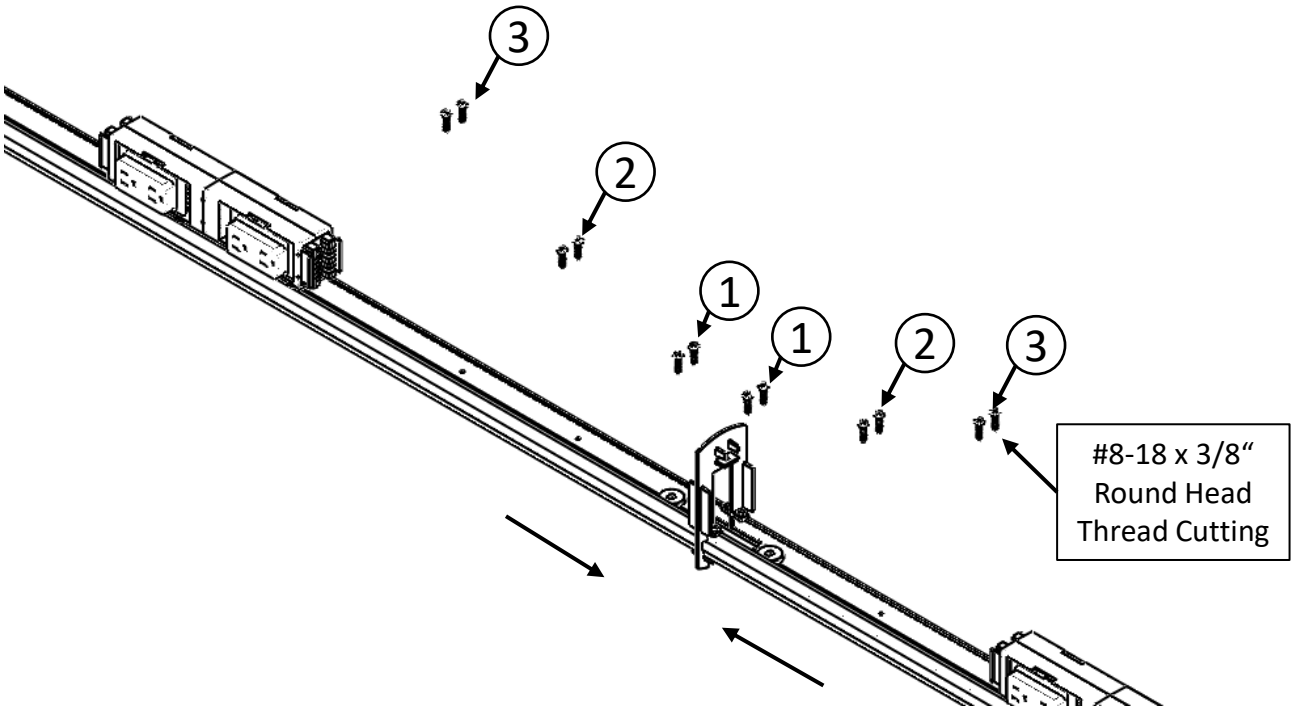


Fig 3.5

Secure the MID Cap (MEA-1005-MID) using (4)#8-18 x 3/8 Pan Phil Thread Cutting screws.

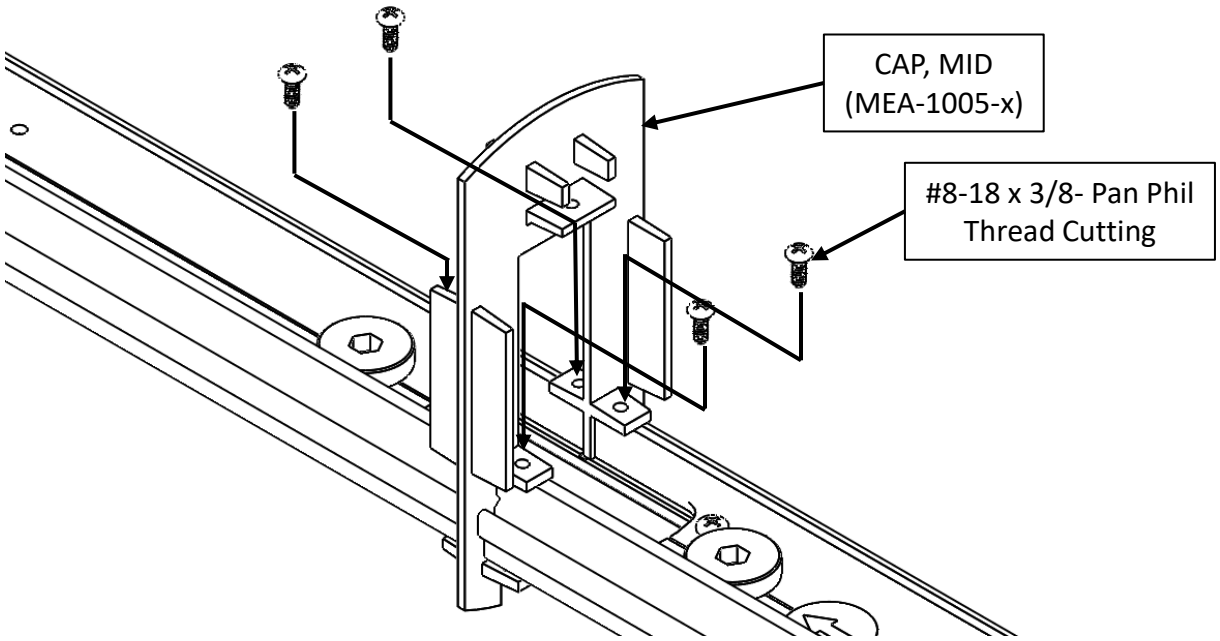


Fig 3.6

Run the end feed power through the base and attach the leg using (2) 5/16-18 X 7/8" Flanged Hex Head and (2) 5/16-18 X 7/8" Square Nut. Ensure that the square nuts are captured in the machined slot on the underside of the base.

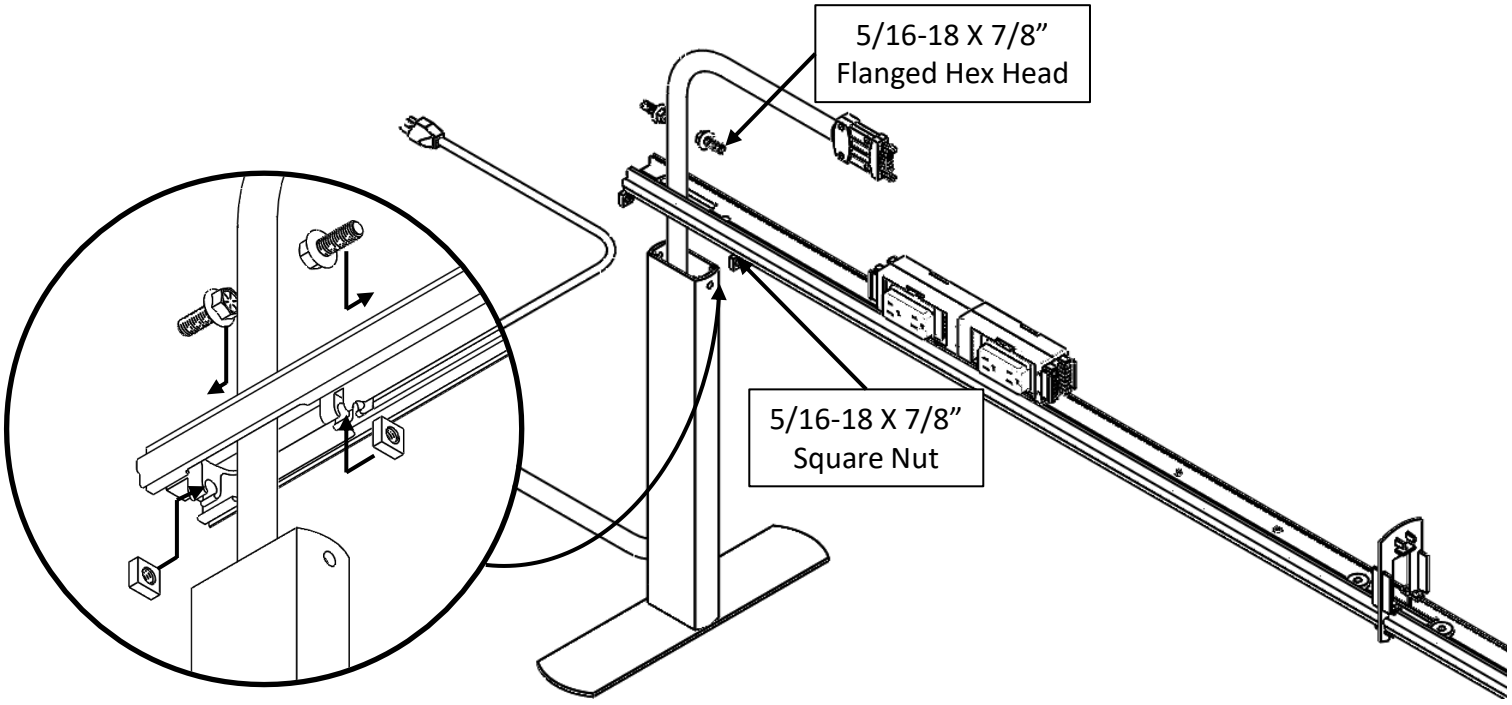


Fig 3.7

Fig 3.7A (END) Attach the leg using (2) 5/16-18 X 7/8" Flanged Hex Head and (2) 5/16-18 X 7/8" Square Nut. Ensure that the square nuts are captured in the machined slot on the underside of the base.

Fig 3.7B (MID) Attach the leg using (1) 5/16-18 X 7/8" Flanged Hex Head and (1) 5/16-18 X 7/8" Square Nut. Ensure that the square nuts are captured in the machined slot on the underside of the base.

Note: If an End Panel is ordered, complete the steps of JI0003 – Jet Beam End Panel installation prior to completing this step.

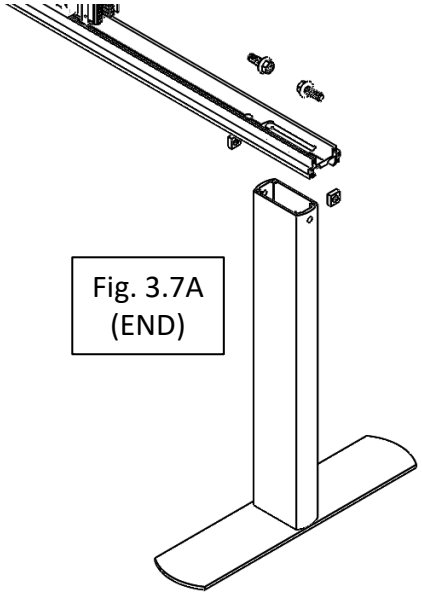


Fig. 3.7A
(END)

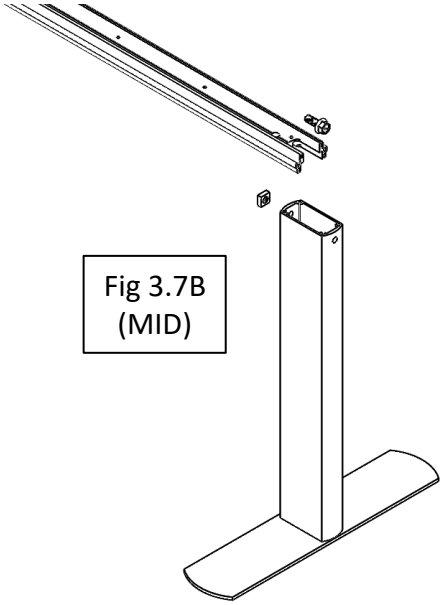


Fig 3.7B
(MID)

Fig 3.8

Fig 3.8A (END) Attach End Cap (MEA-1005-END) using #8-18 x 3/8- Pan Phil Thread Cutting screws.

Fig 3.8B (MID) Attach MID Cap (MEA-1005-MID) using #8-18 x 3/8- Pan Phil Thread Cutting screws.

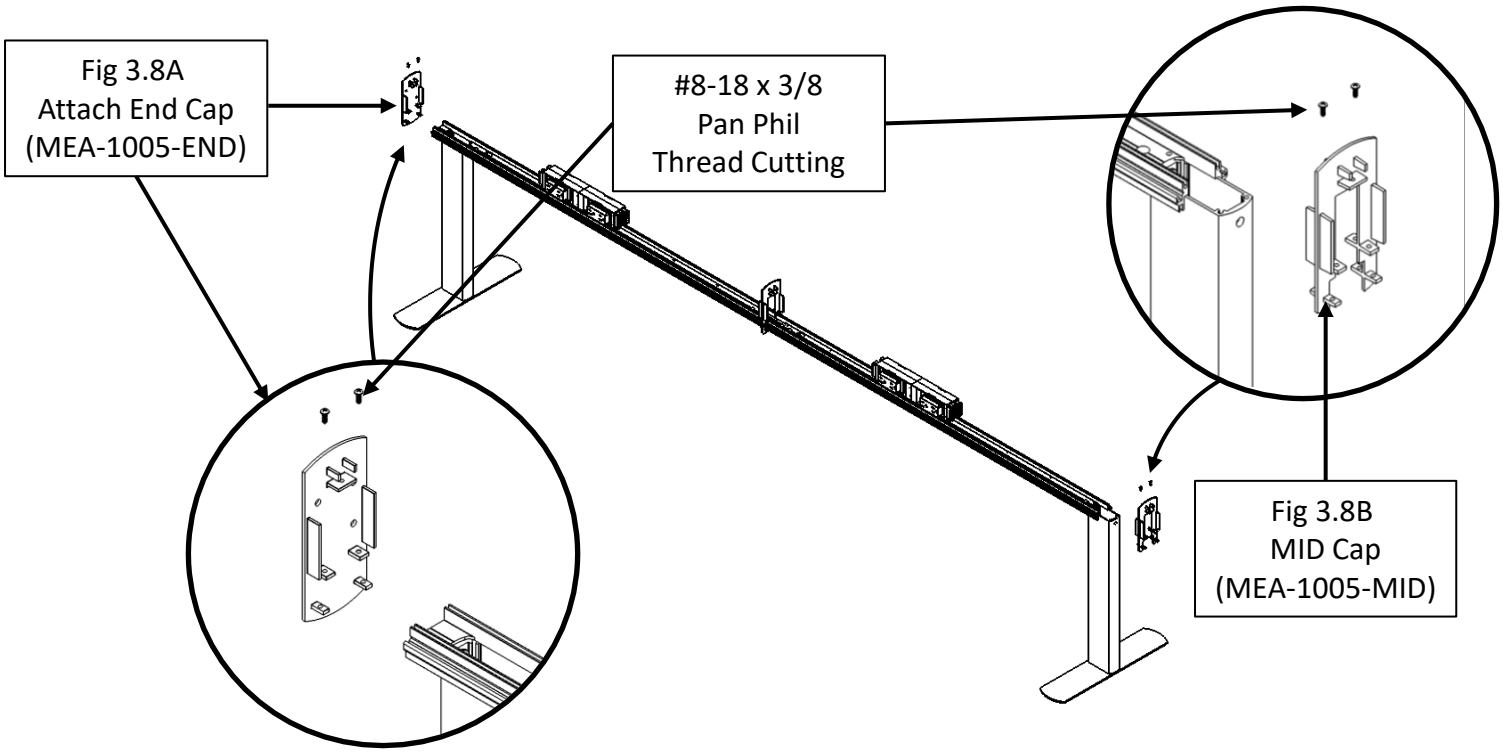


Fig 3.9

Connect jumpers and install receptacles (ordered separately). Make sure to feed one end of the jumper through the opening in the Mid-Cap (MEA-1005-x)

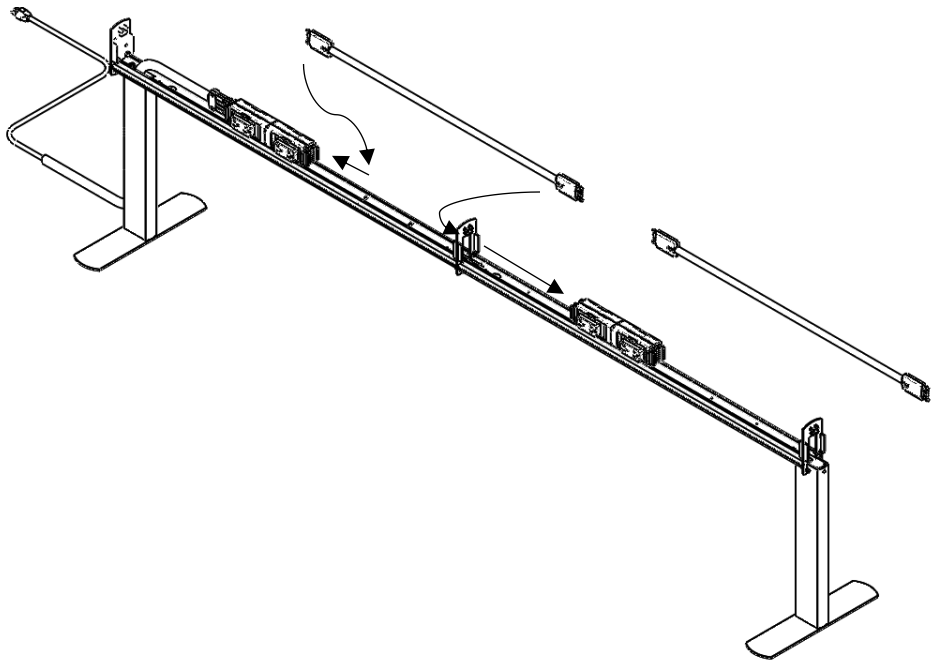


Fig 3.10

Repeat the process of Steps 3.3 - 3.9 until reaching the end of the run.

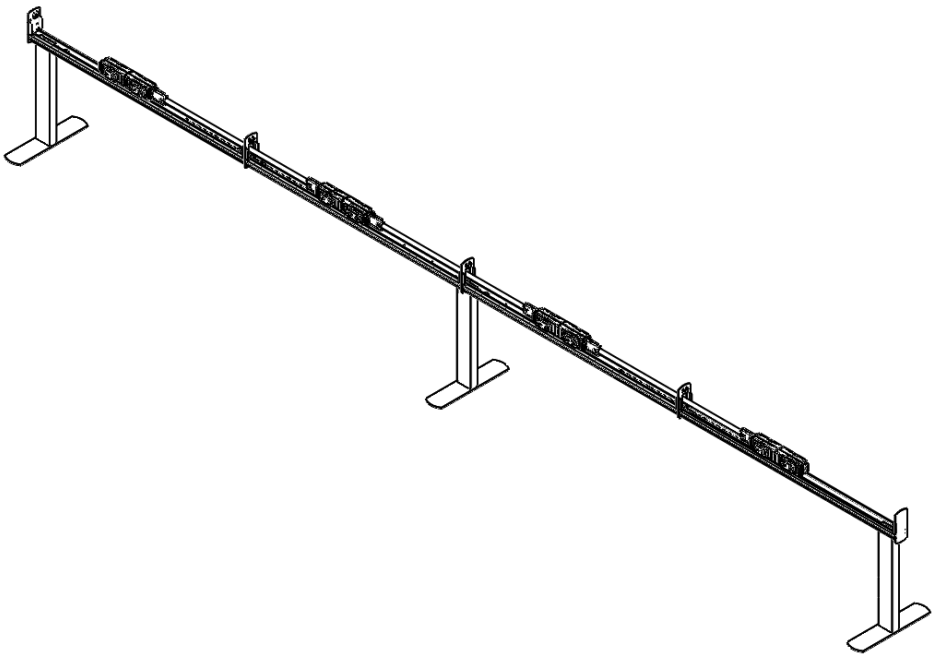


Fig. 3.11

Align a single Beltway (MEA-2002-x) between the MID/END Caps (MEA-1005-x) and install it into the Base (MEA-2004-x).

During install, the Beltways (MEA-2002-x) must be pressed into the Base (MEA-2004-x) while simultaneously lifting the Base (MEA-2004-x) to reduce any bow. The Beltways (MEA-2002-x) will “snap” into place and can then be rotated into place.

Ensure the Beltways (MEA-2002-x) clears the power blocks.

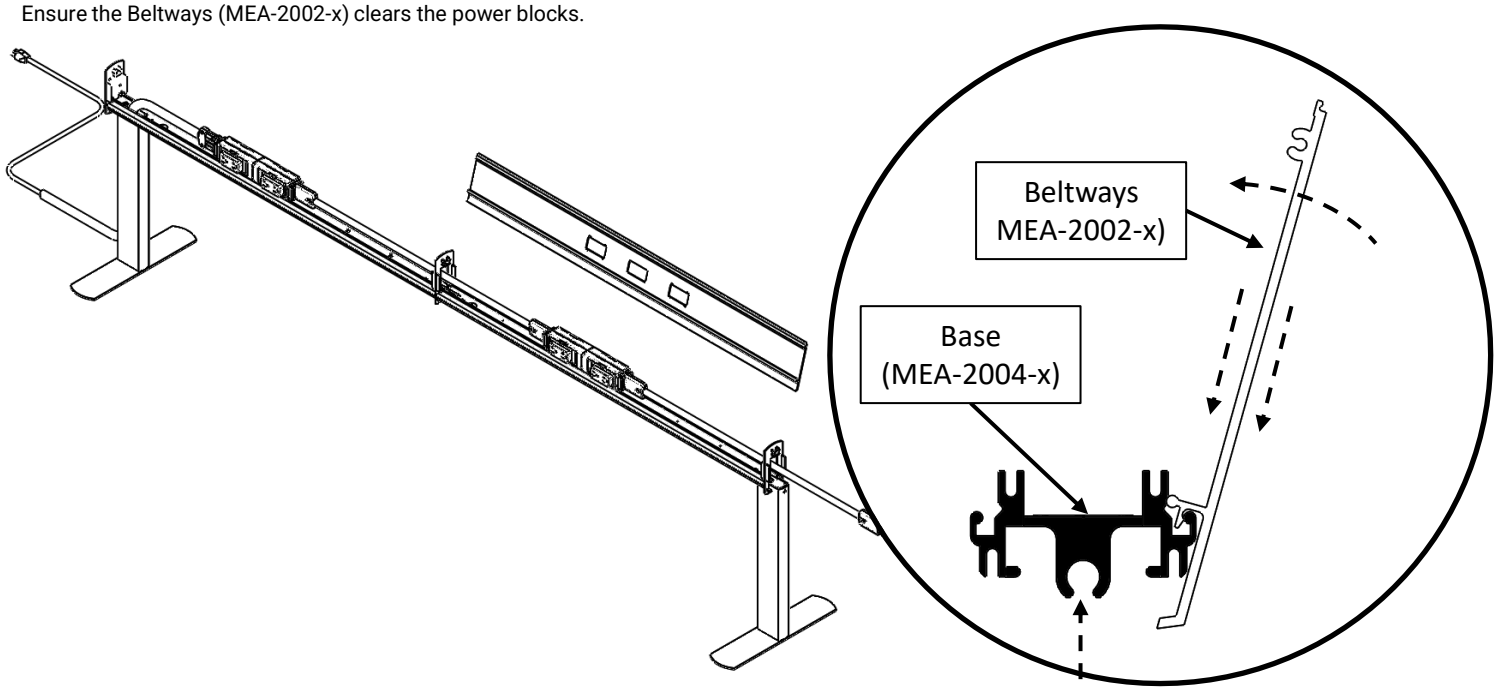


Fig 3.12

Repeat the process from Fig 3.11 for the opposing Beltway (MEA-2002-x)

Ensure the Beltways (MEA-2002-x) clears the power blocks.

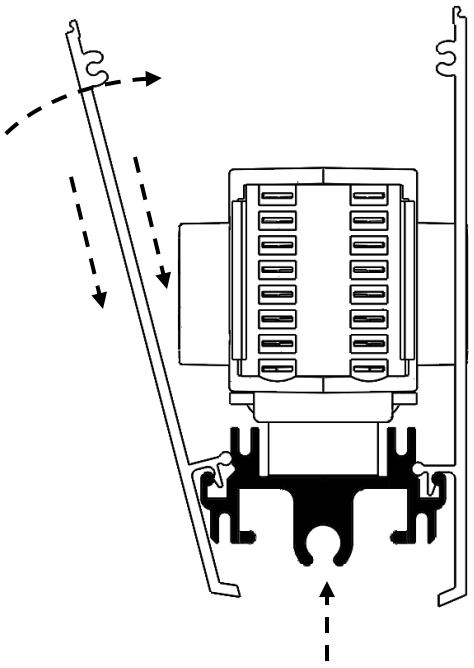


Fig 3.14

Attach Top Cap (MEA-2003-x) to Beltways (MEA-2002-x). Ensure the Top Cap (MEA-2003-x) is seated correctly on the Beltways (MEA-2002-x).

Attach using #8-18 x 3/8" Round Head screws.

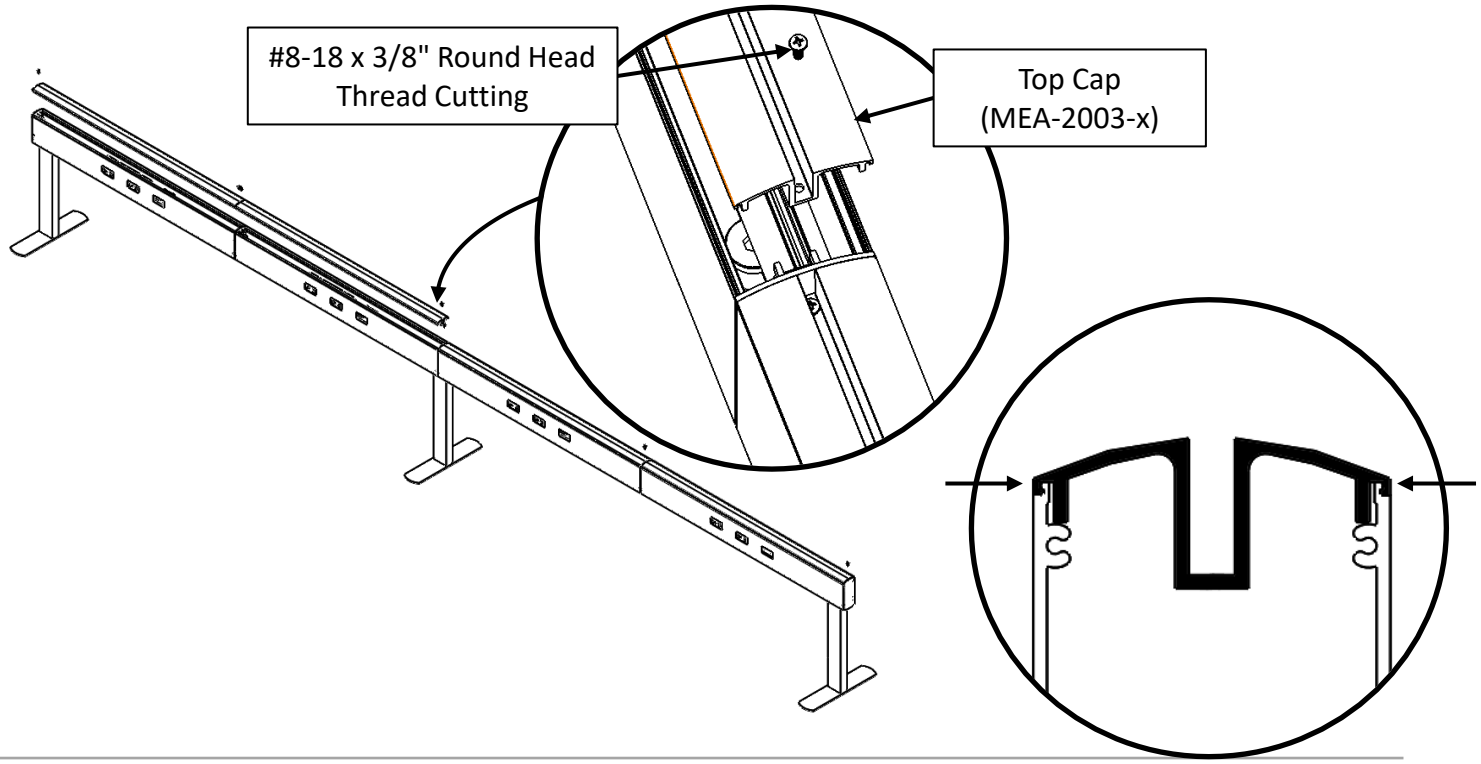


Fig. 4.1 – Optional Topper Screens

Take the pre-cut gasket strips and remove the red film to expose the 3M adhesive on the inside faces. Attach the gasket pieces to the bottom edge of the topper screen, spaced evenly.

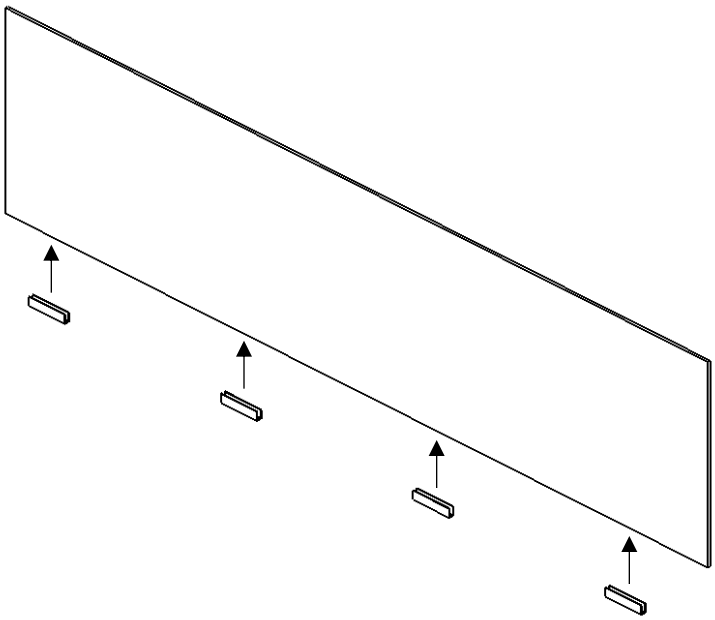


Fig. 4.2

Starting on one end and working your way down, press the edge of the topper screen with the gasket into the open slot of thetop cap (MEA-2003-x)

Note: Dabbing the outsides of the gasket with a wet cloth can help the screen slide into the channel easier.

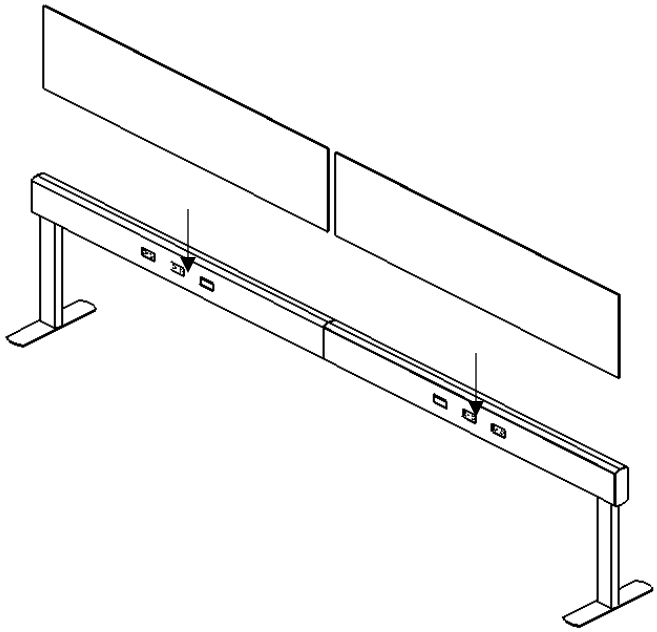


Fig. 5.1

Hardware Appendix

	JET BEAM HARDWARE		JET BEAM LEG HARDWARE		
	8-18 x 3/8" Round head (100-45610)	1/2-13 x 3/4 Low Profile SHCS (100-20486)	5/16-18 X .875" Flanged Hex Head (200-21993)	5/16-18 Square Nut (100-20037)	5/16-18 X 4.75" Hex Head (210348664)
2- pack	6	0	4	4	0
4 -pack	36	2	4	4	0
6-pack	42	4	4	5	1
8-pack	48	4	6	6	0
10-pack	54	4	8	8	0
12-pack	66	6	8	8	0
14-pack	82	8	8	9	1

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