

130ASY



EQUIPTO



Adjustable Shelf Work Bench
with (2) Modular Drawer
Units (22- $\frac{1}{2}$ " Wide) -
Assembly Instructions

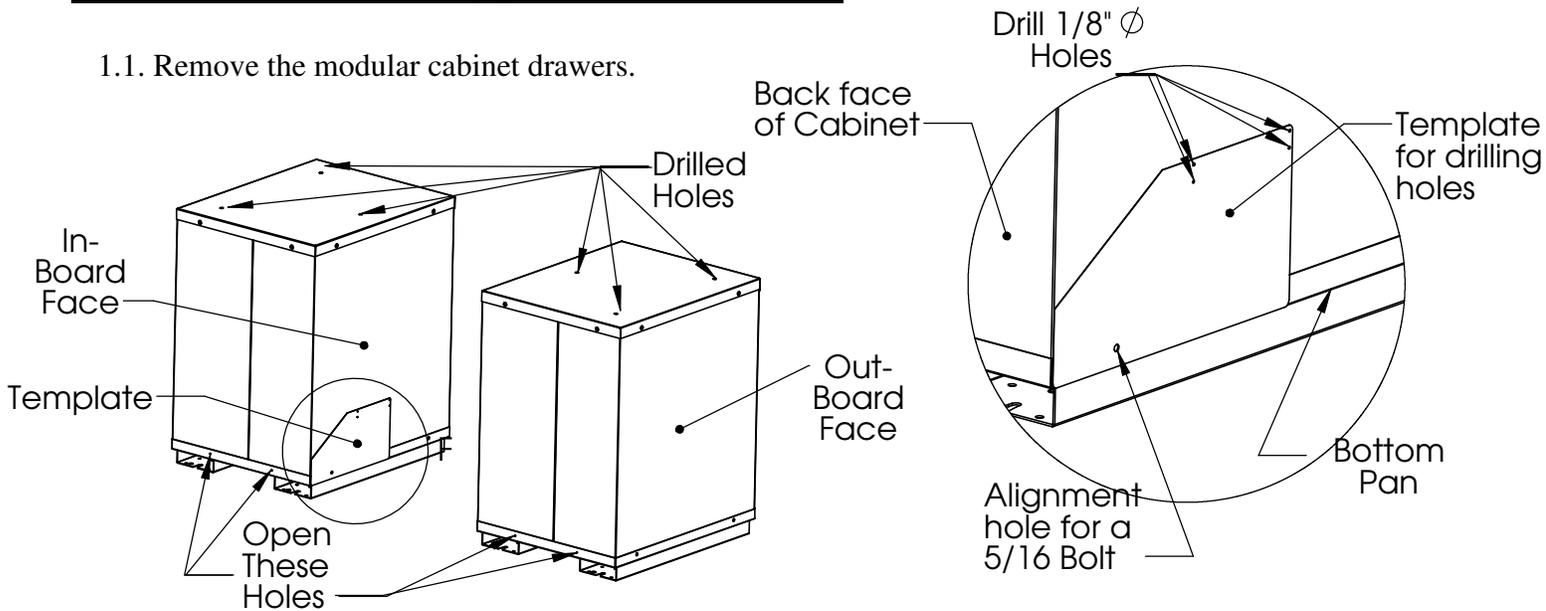
Read instructions before assembling

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POU=3

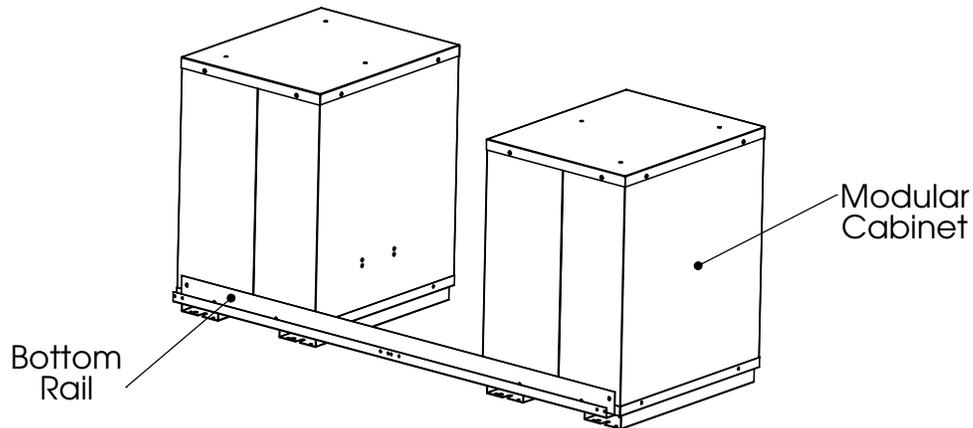
1. Assemble Frame with (2) Modular Cabinets

1.1. Remove the modular cabinet drawers.

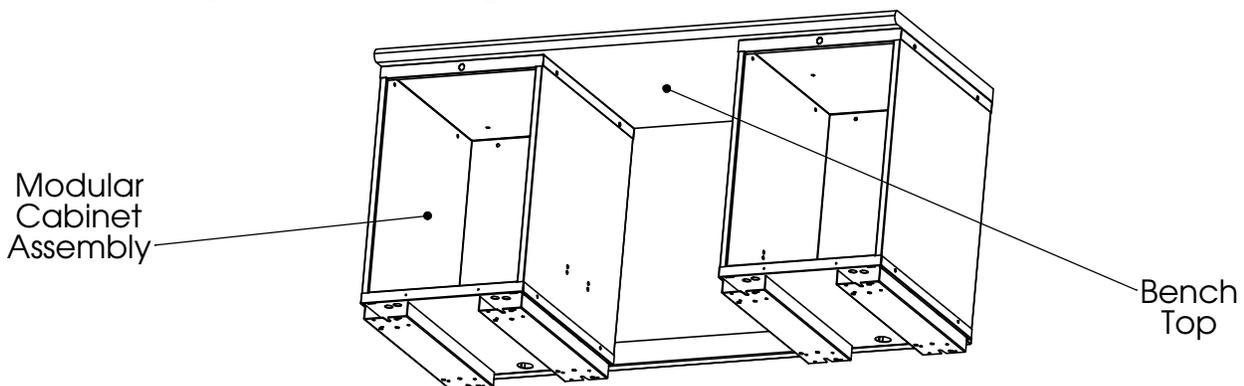


1.2.1 Using a 5/16" drill open the lower existing (2) holes in the back of the cabinet. Drill (3) new 5/16" holes on the top of the cabinet. Drill out-board holes approximately 4" from the front, back and out-board sides of the cabinet. Drill in-board holes approximately 13-3/4" from the front face and 4" from the side face of the cabinet. (See illustration above.)

1.2.2 Position provided template (#010178 Shown above.) on the in-board side of the modular cabinet with shortest cut edge flush with the back face of the cabinet and the longest edge flush with the cabinet bottom pan. (See illustration. To confirm the template's position, you should be able to place a 5/16 bolt through the template and bottom pan of the modular cabinet.) Drill 1/8" pilot hole through the top (4) holes in the template. Remove template, and drill 1/8" pilot holes to 7/16" diameter.

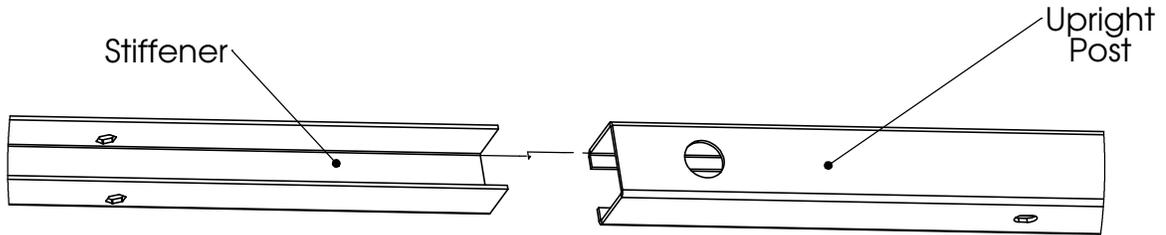


1.3. Center the 72" bottom "J" rail (#010138) to the base of the modular cabinets keeping the ends flush with outside of the cabinets. Align the holes in the rail with the holes in the modular cabinet and secure using (4) 1/4-20 x 3/4" long screw (#911435H) and nuts (#13060).

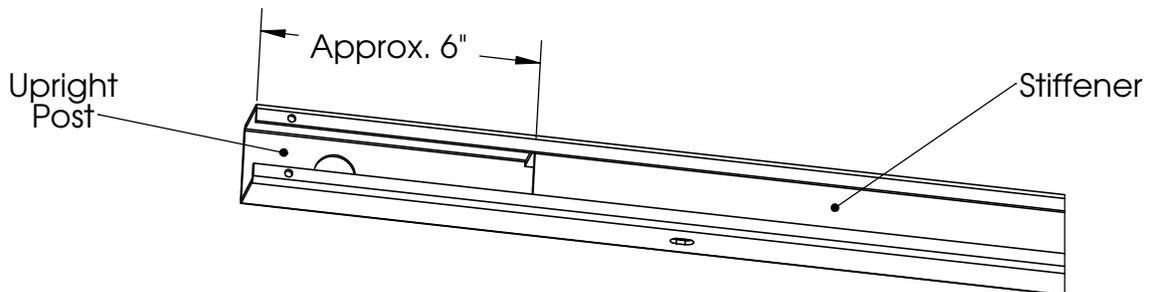


1.4.1. Center the bench top over the modular cabinet, keeping the back and sides of the top flush.

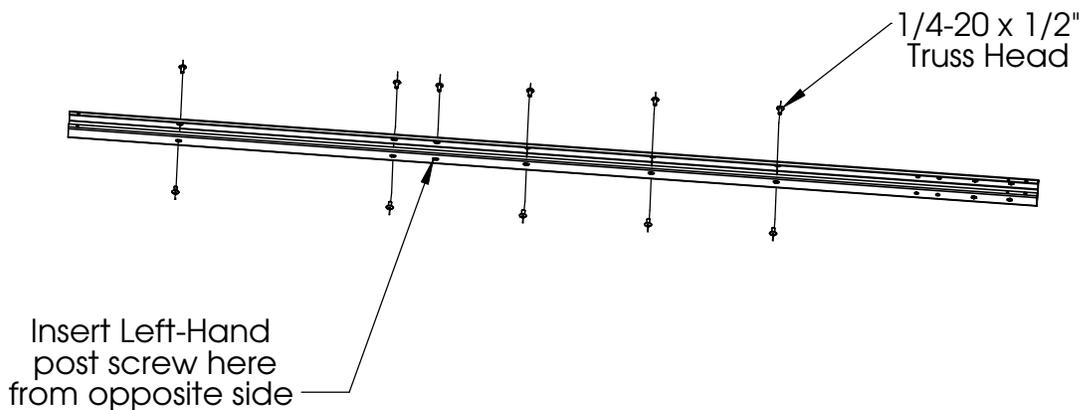
1.4.2 Make certain the top is square to the cabinets. Drilling an 1/8" pilot holes through the (3) holes in the top of the modular cabinet into the underside of the bench top. Fasten top to each cabinets with (3) #14 lag screws (#13156).

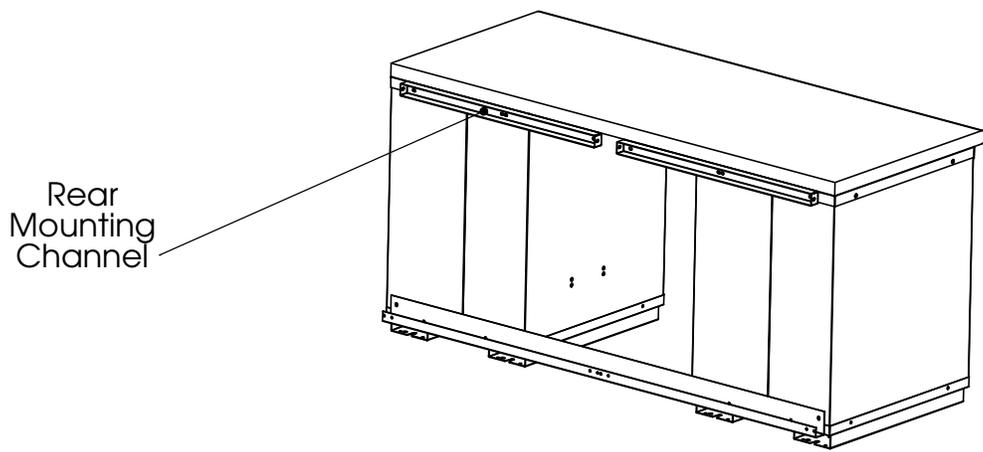


1.5.1. Obtain (4) upright post (#010137) and (2) stiffeners (#010139). Insert (1) stiffener in (2) of the posts. Slide stiffener inside the bottom of the post until the bottom face of the stiffener is about 6 inches from the bottom of the post. (See illustration below.)

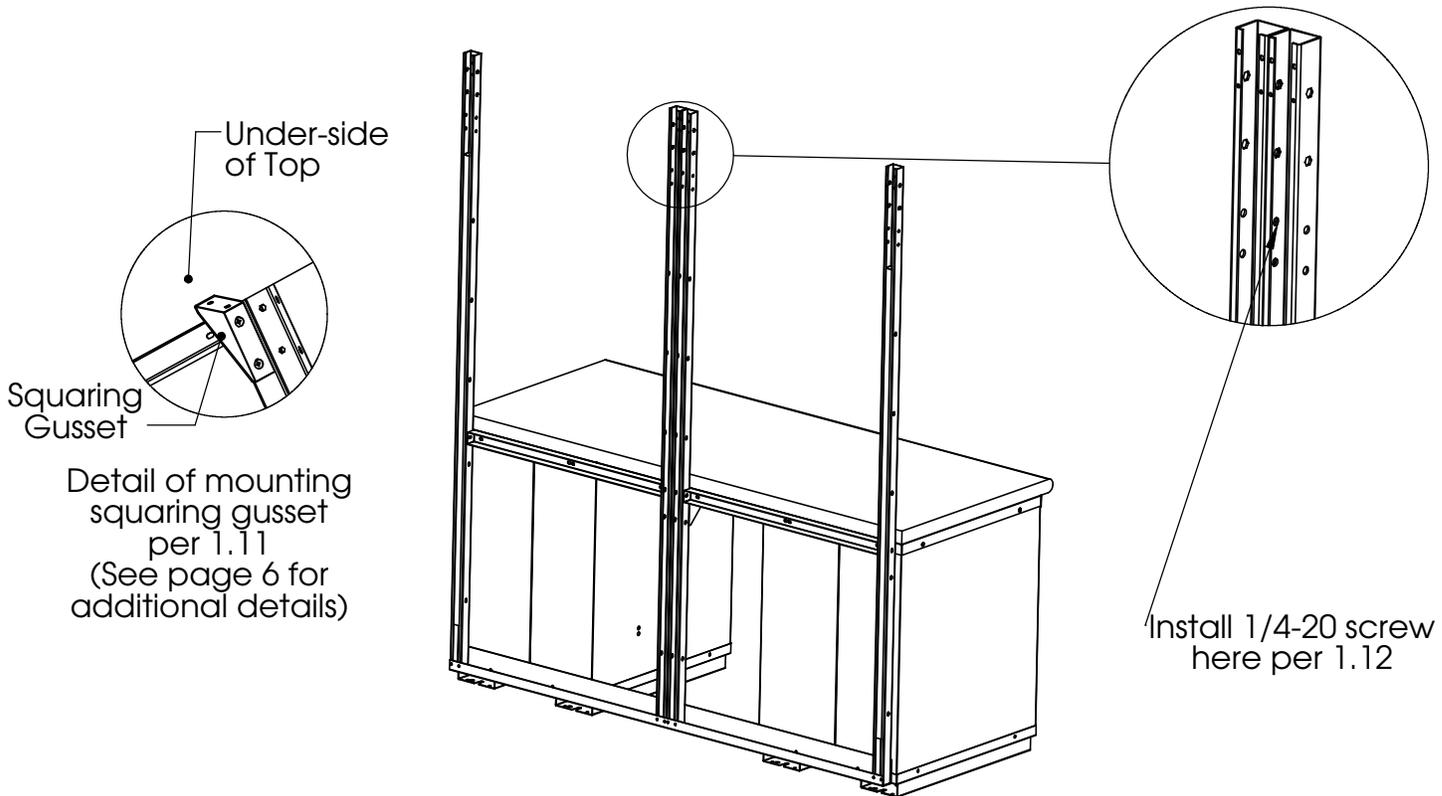


1.5.3 Secure uprights to stiffeners with (11) 1/4-20 truss head screws (#13160). **Note:** The pattern shown below is for right-hand post. For left-hand post, screw third screw from the bottom on the opposite side of the post.





1.6. Position (1) rear mounting channel (#010142) to the rear of the each modular cabinet. Attach using (2) 1/4-20 x 1/2" long screws (#13162) and nuts (#13060) per channel.



1.7. Starting at one end with the modular cabinet, position the first end upright post (#010137) with stiffener (#010139) into the bottom rail and align the mounting holes. Secure with (2) 10-32 pan head cut screws (#914313H). Caution: The posts should not be unattended for steps 1.7 through 1.14.

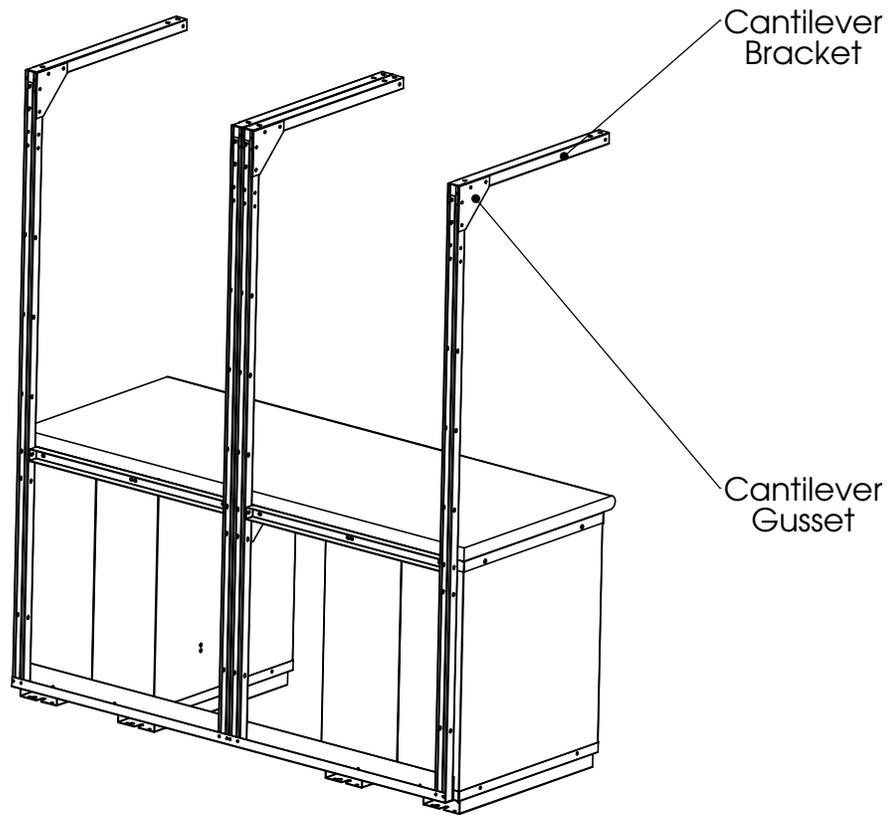
1.8. Proceed to attach the first end post to the rear channel using (1) 1/4-20 x 1/2" screw. Hand tighten only, Secure tightly after frame is square.

1.9. Secure the second upright post with stiffener to the opposite end of the "J" channel following steps 1.7 and 1.8.

1.10. Position the two posts (without stiffeners) in the center of the bench and secure each upright post with (2) 10-32 pan head cut screws (#914313H). Proceed to attach each mid-post to the rear channel using (1) 1/4-20 x 1/2" screw per post. Hand tighten only.

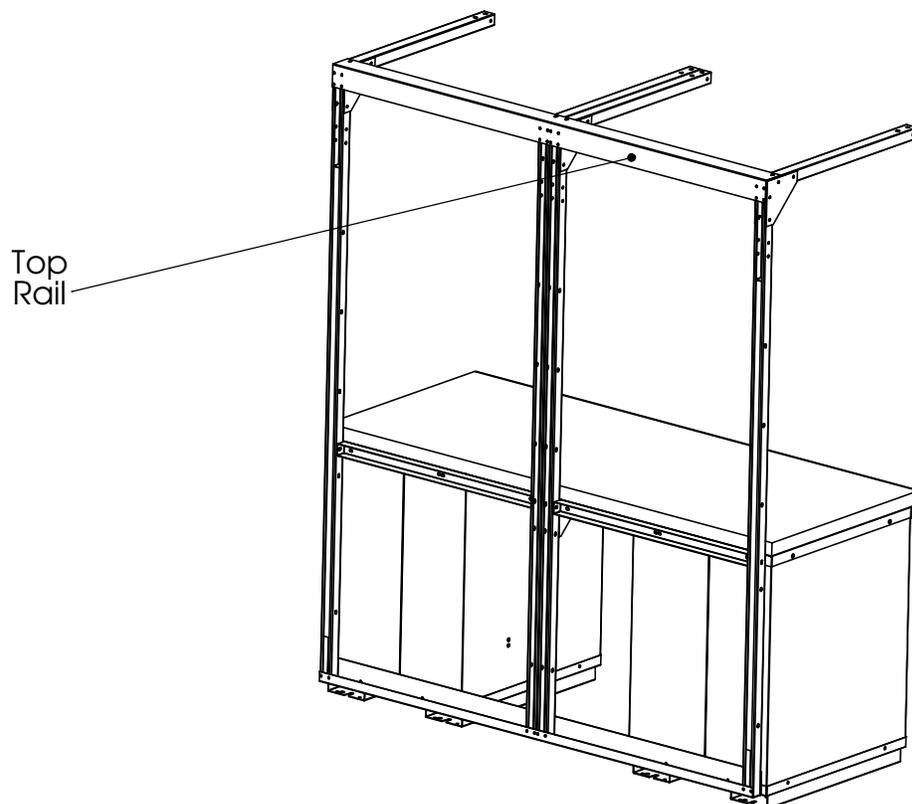
1.11. Attach one squaring gusset (#010140) to (1) of the mid-posts (without stiffener) using (2) 1/4-20 x 1/2" screws (#13162). The other mid-post does not require a squaring gusset.

1.12. Join the (2) center upright posts with a 1/4-20 x 1/2" long screws (#13162) and nuts (#13060).



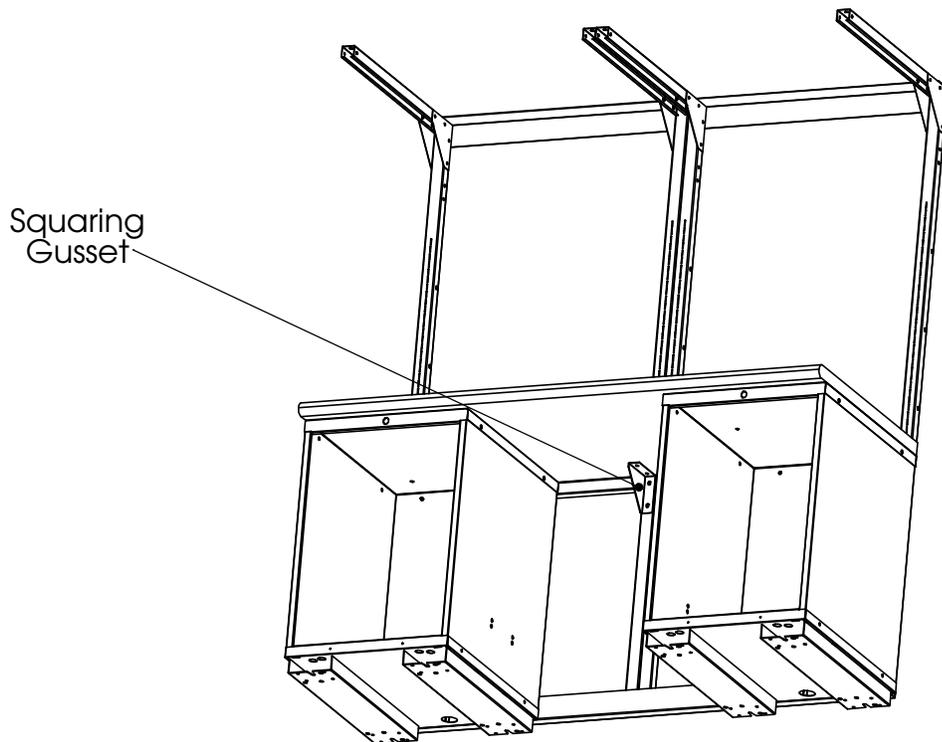
1.13. Attach (2) cantilever gussets (#010143) to each end post assembly and (2) gussets to the center posts using (2) 1/4-20 x 1/2" screws (#13162) and internal tooth washers (#13176).

1.14. Position the cantilever brackets #010147 between the gussets on each post and secure using (2) 1/4-20 x 1/2" screws (#13162) and internal tooth washer (#13176).



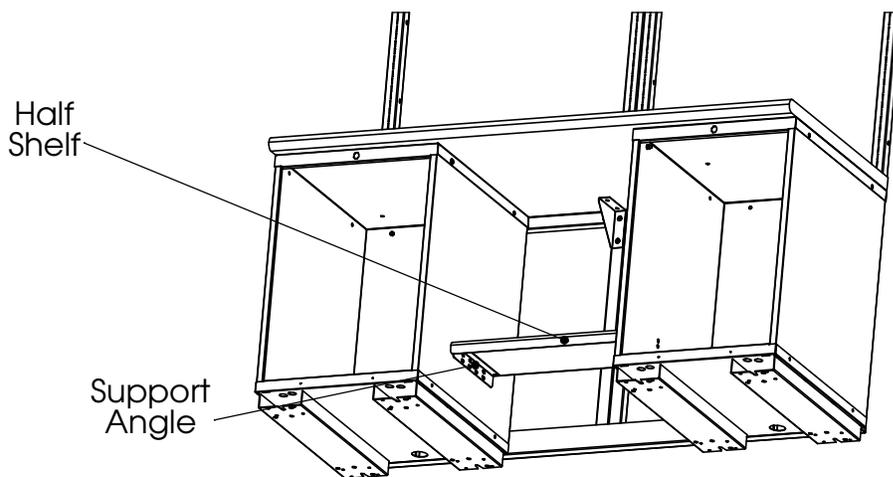
1.15. Span the cantilever brackets with the Top Rail (#010141-1), keeping the ends flush. Starting at the center posts, secure the rear of the support angle to each center post using (4) 10-32 pan head cut screws (#91433H)

1.16. Secure the rear support angle to each end post assembly using (4) 10-32 pan head cut screws (#91433H).



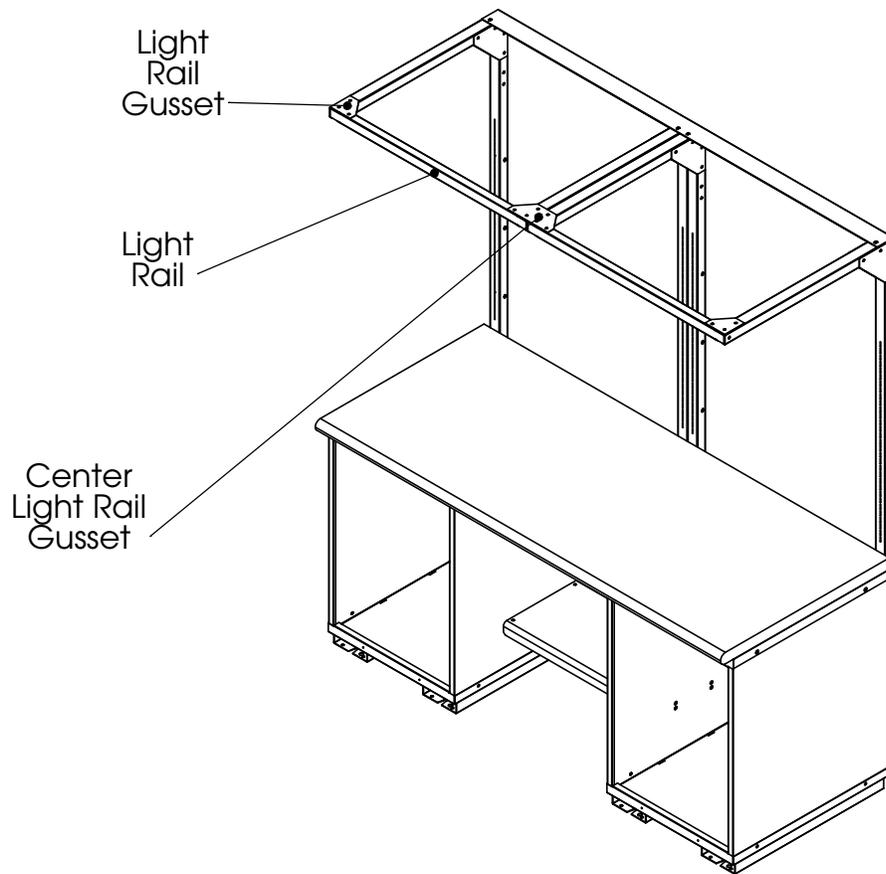
1.17. Square and level the frame assembly to the bench top. Using the squaring gusset as a template, drill a 1/8" pilot hole to the underside of the bench top and secure with (2) #14 lag screws (#13156).

1.18. When square tighten all fasteners.



1.19. Mount a shelf support angle (#9504) to the inner side of each modular cabinet using (2) 5/16-18 screws (#13154) with nuts (13051).

1.20. Next position the half shelf (#010135-1) on the shelf angles, align the holes and secure using (4) 5/16-18 screws (#13154) with nuts (13051).

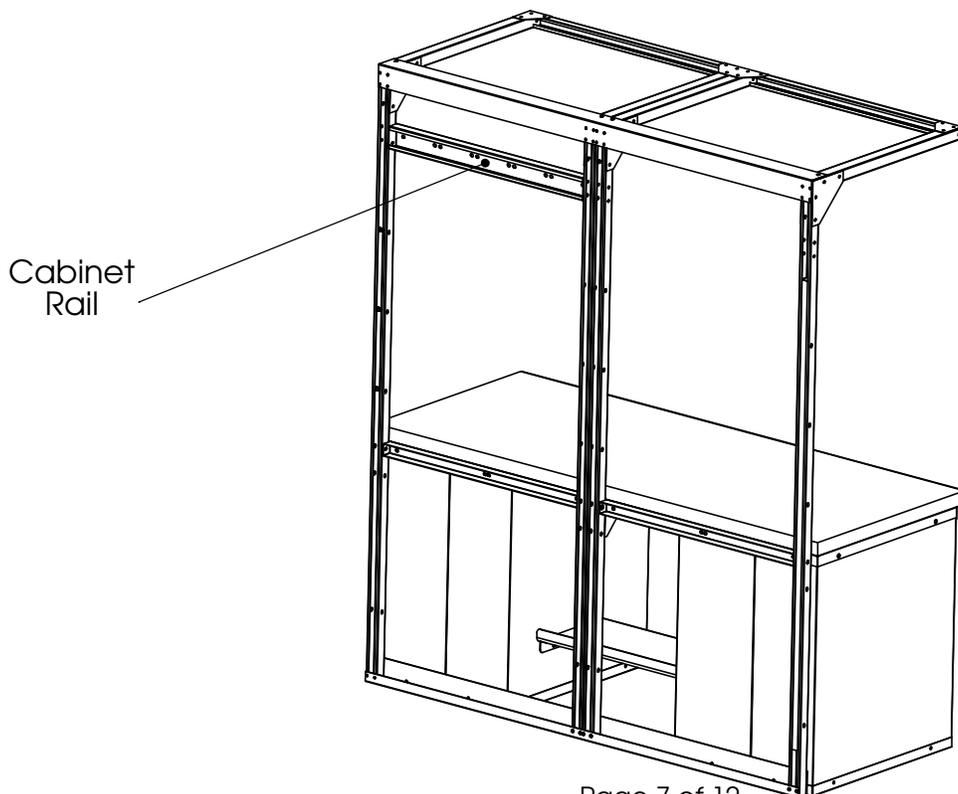


1.21. Install each light rail (#010146-1) with (1) (#13162) 1/4-20 x 1/2" long screw and (#13060) nut on the outside end. Join two center light rails with (1) (#13162) 1/4-20 x 1/2" long screw and (#13060) nut.

1.22. Install (1) end light rail gusset on each end (#010145) per rail using (3) 1/4-20 x 1/2" screws (#13162) and internal tooth washer (#13176) per gusset.

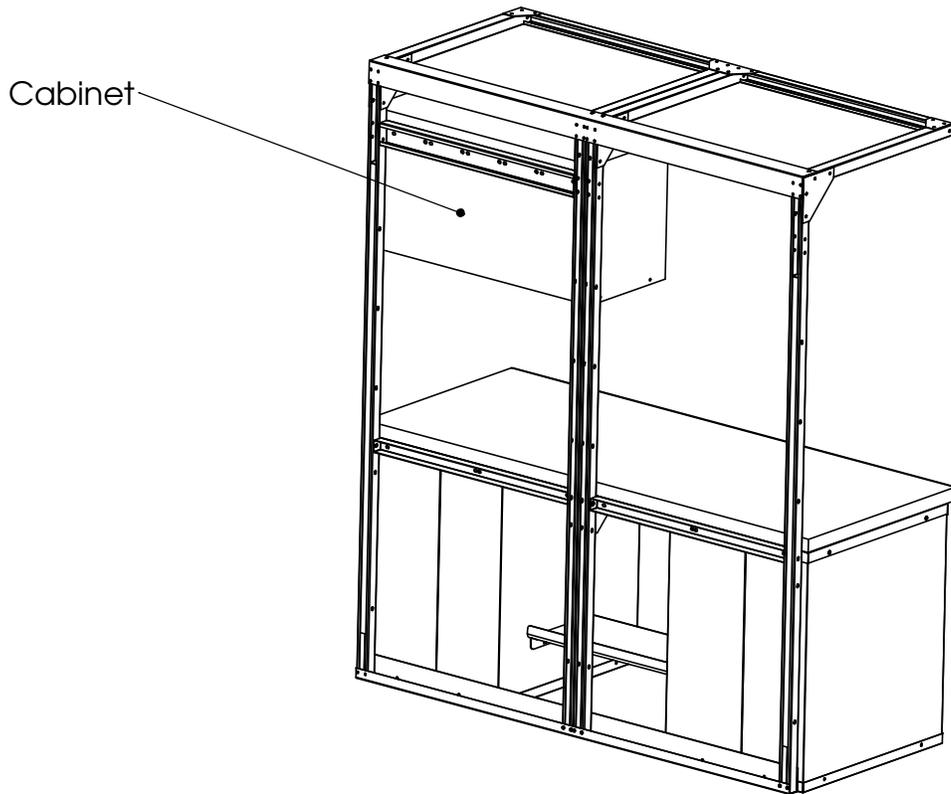
1.23. Install the center light rail gussets (#010144) using (6) 1/4-20 x 1/2" screws (#13162) and internal tooth washer (#13176).

1.24 Replace drawers removed in section 1.1.



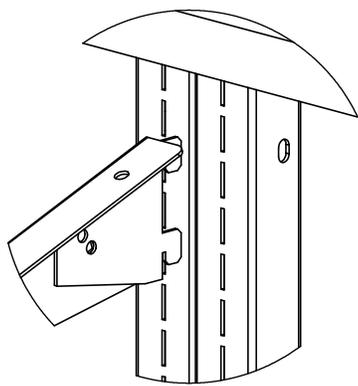
2. 36" Upper Cabinet

2.1. Position the cabinet rail (#010150) between the end post assembly and middle post so the mounting holes are aligned. Secure the cabinet rail using (4) 5/16-18 x 3/4" screws (#13154) and flat washers (#13175).

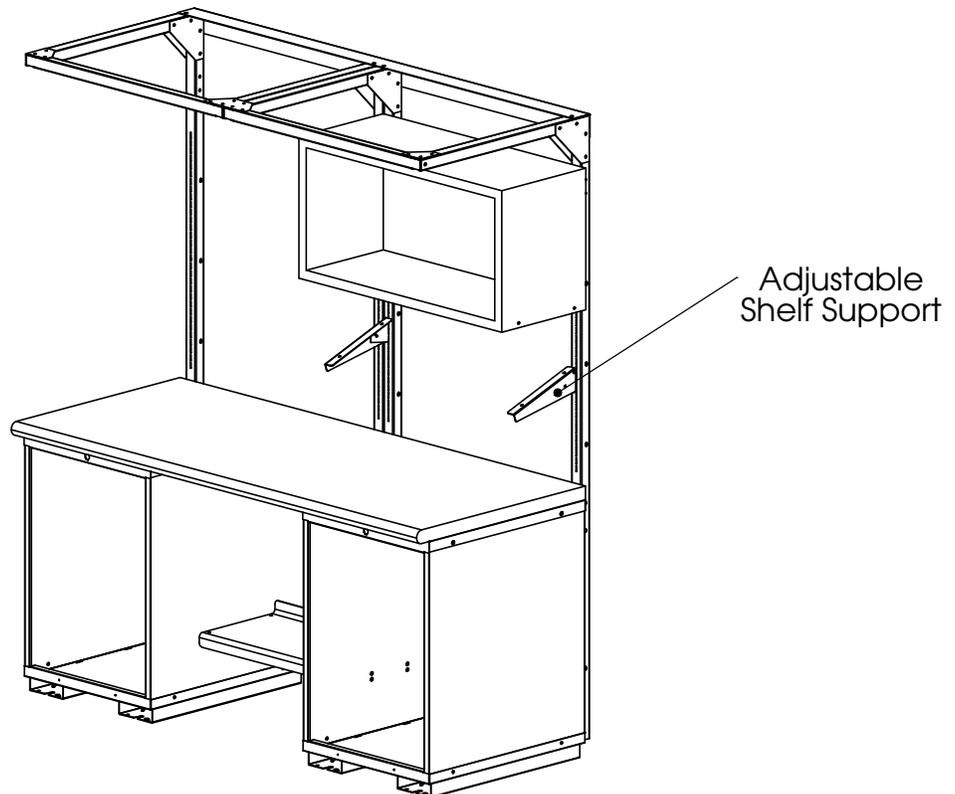


2.2. Align the holes in the back of the cabinet (#010167) to the holes on the cabinet rail. Using (5) 5/16-18 screws (#13154), flat washers (#13175) nuts (#13051) secure the cabinet to the rail.

3. Adjustable Shelf

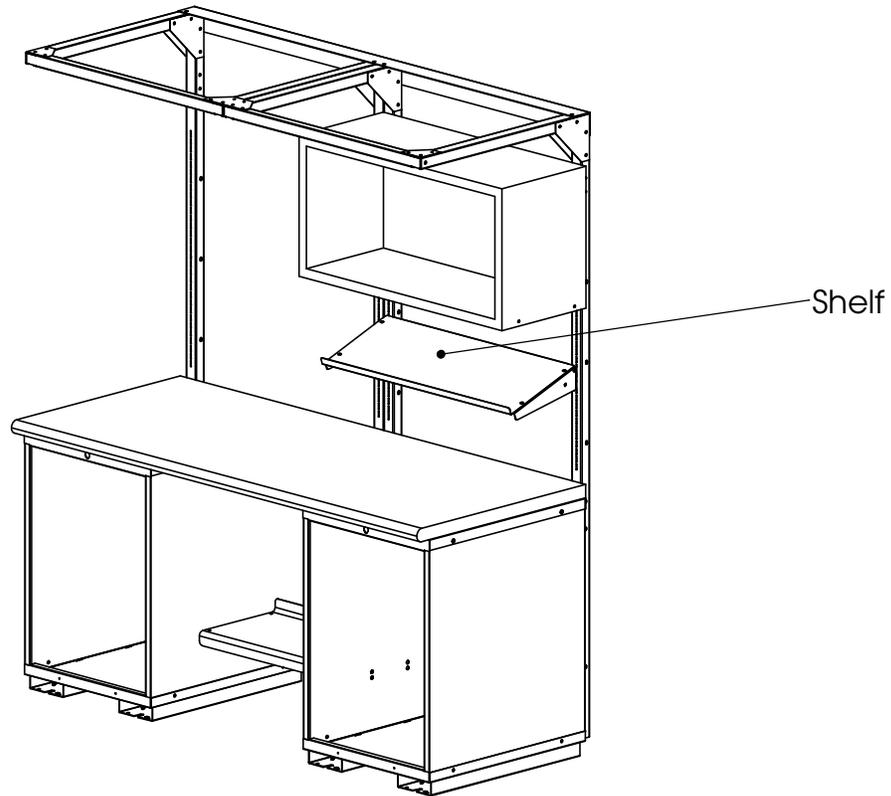


Detail of
Tab Insertion



3.1. Install the shelf brackets (#010152 and #010153) with the tab downward into the post slots. A left and right bracket is required per shelf. Make certain the brackets are at the same elevation before proceeding to step 3.2.

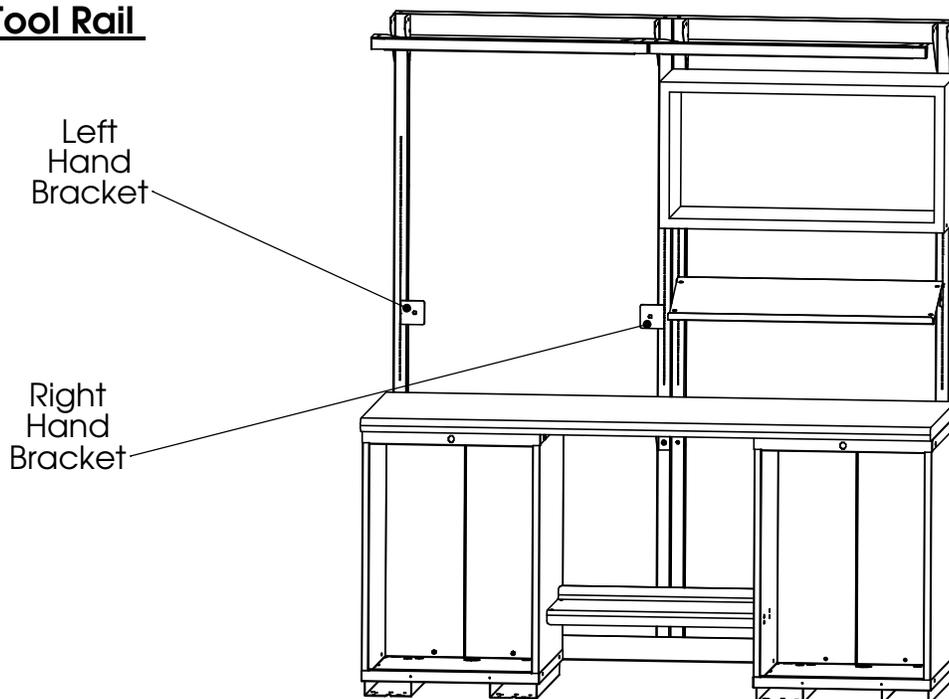
3.2. Adjust the shelf bracket to the desired slope and secure with a slotless screw (#13020) and wing nut (#13059). Make certain the left and right bracket assemblies are uniform before proceeding.



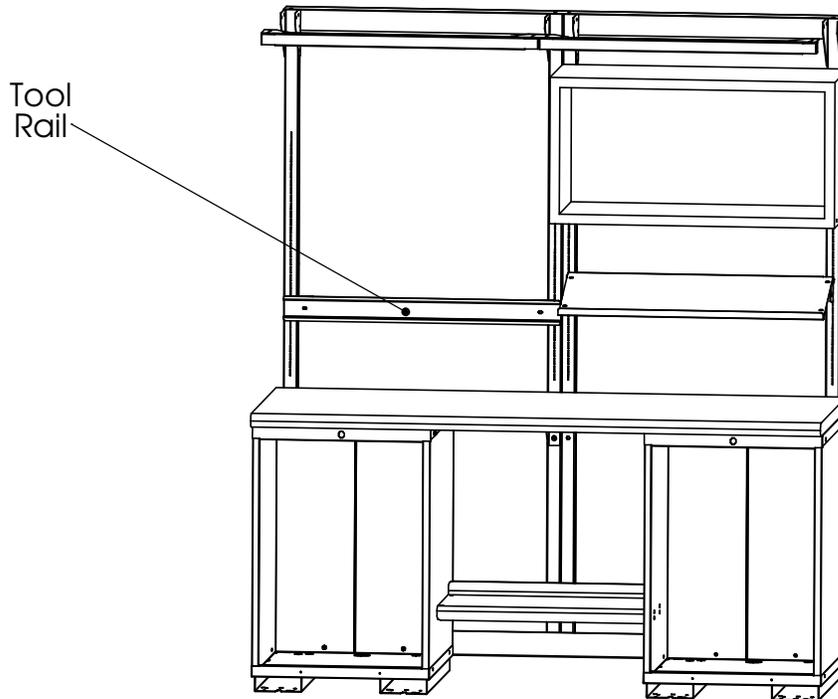
3.3. Position the shelf (#010151-1) on the shelf brackets so the holes are aligned.

3.4. Secure the shelf using (4) (#13162) 1/4-20 x 1/2" long screws and nuts (#13060).

4. Tool Rail



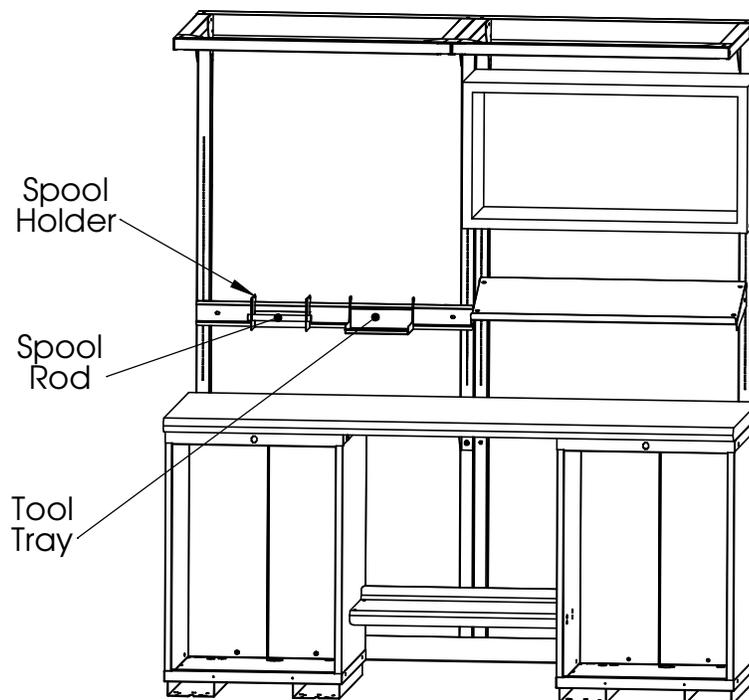
4.1. Install the rail brackets with the tab downward into the post slots. (See detail on page 8.) A left (#01060) and right bracket (#010161) is required per Tool Rail. Make certain the brackets are at the same elevation before proceeding to step 4.2



4.2. Secure the tool rail (#010159) to the rail brackets with (2) 1/4-20 x 1/2" screws (#13162).

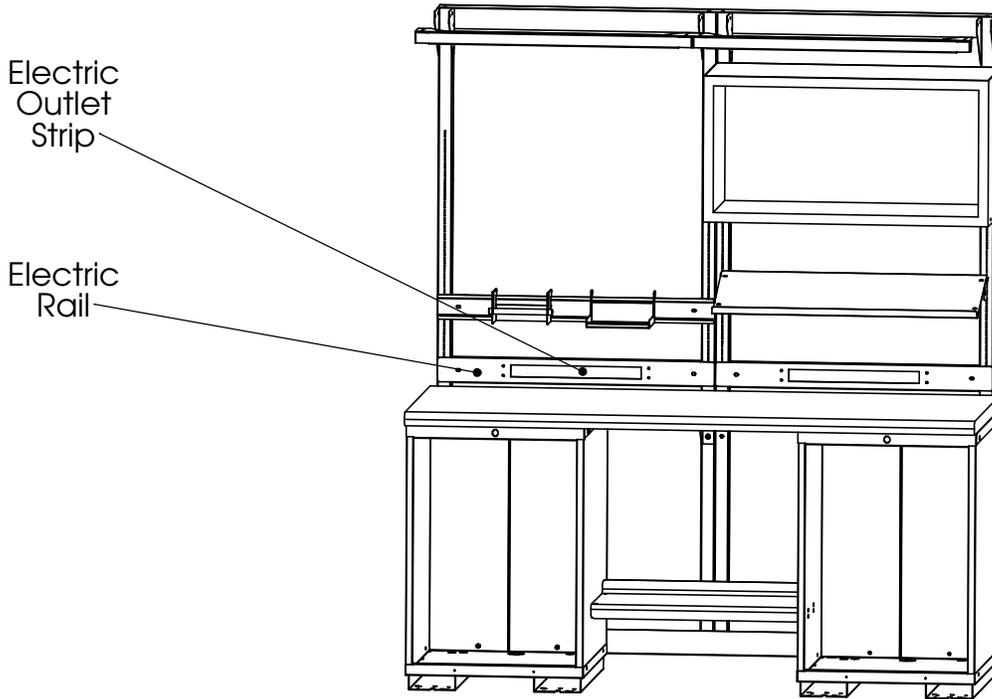
4.3. Hang plastic totes, tool tray and spool holders as required.

5. Spool Holder and Tool Tray



- 5.1 Position the spool holder (#010165) over the tool rail.
- 5.2 Insert PVC spool rod (#050-3897).
- 5.3 Position tool tray (#010164) over tool rail.

6. 36" Electrical Strip

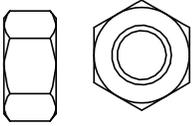


- 6.1. Attach the electric outlet strip (#010163) to the electric rail (#010162) using (4) 10-24 x 3/8" long machine screws (#13160) and nuts (#13161).
- 6.2. Install the right (#010161) and left (#010160) rail brackets with the tab downward into the post slots. Make certain the brackets are at the same elevation before proceeding to step 6.3.
- 6.3. Secure the electric rail to the rail brackets with (2) 1/4-20 x 1/2" screws (#13162).
- 6.4. Route electrical cord and secure with nylon cable clamps (#010170).

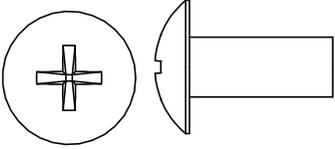
7. Light Assembly (Optional Equipto supplied)

- 7.1. Remove the task light lens from the light assembly (#010148).
- 7.2. Align the holes in the task light assembly to the light rail. Secure the light fixture with (2) 10-32 pan head cut screws (#914313H).
- 7.3. Install light bulb (#010149). Replace the task light lens.
- 7.4. Route electrical cord and secure with nylon cable clamps.

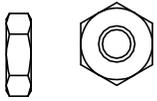
Hardware list



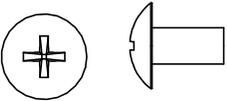
5/16-18 Hex Nut # 13051



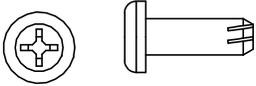
5/16-18 x 3/4" Truss Head Screw # 13154



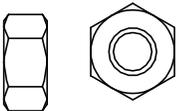
10-24 Hex Nut # 13161



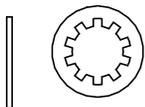
10-24 x 3/4" Truss Head Screw # 13160



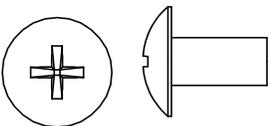
10-32 x 9/16" Pan Head Self-Tapping Screw # 914313H



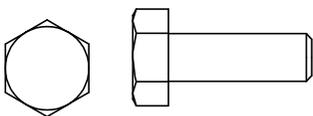
1/4-20 Hex Nut # 13060



1/4 Lock Washer # 13176



1/4-20 x 1/2" Truss Head Screw # 13162



1/4-20 x 3/4" Hex Head Bolt # 911435H