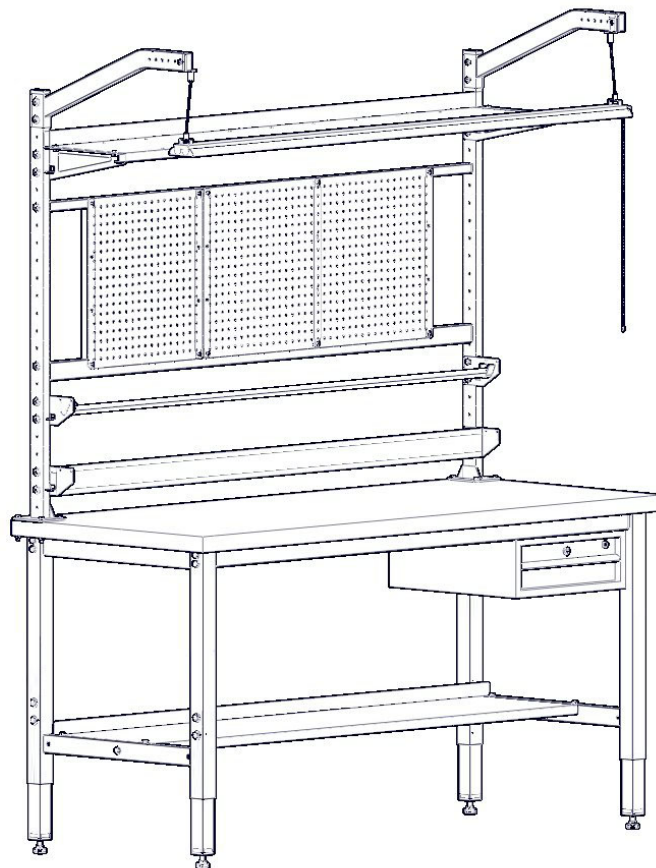


User's manual**Manual del usuario****Manuel de l'utilisateur****Customer Service**
US: 1-800-645-2986**Servicio de atención al Cliente**
US: 1-800-645-2986**Service à la clientèle**
Canada: 888-645-2986

Heavy Duty Workbench Assembly Manual



Tools Required:

- Electric drill
- Adjustable wrench and/or ratcheting wrench
- #2 Philips head screwdriver
- 5/16" and 3/8" sockets
- 8 mm socket
- 3 mm Allen Key (included)
- 4 mm Allen Key (included)
- 1/4" drill bit (included)

NOTE:

- Two people are recommended when assembling this product.
- Use personal protective equipment (PPE) such as but not limited to: gloves, goggles, and ear protection.
- Assure assembly area has sufficient space. Some steps will require users to turn workbench upside down.
- This manual is meant to provide a general overview for assembling a heavy-duty tubular leg workbench configuration, so the images/parts shown in this manual may differ from the purchased kit. Refer to the manuals included with individual parts for specific instructions on how to install them onto the workbench.

Heavy Duty Workbench

ORDER OF ASSEMBLY:

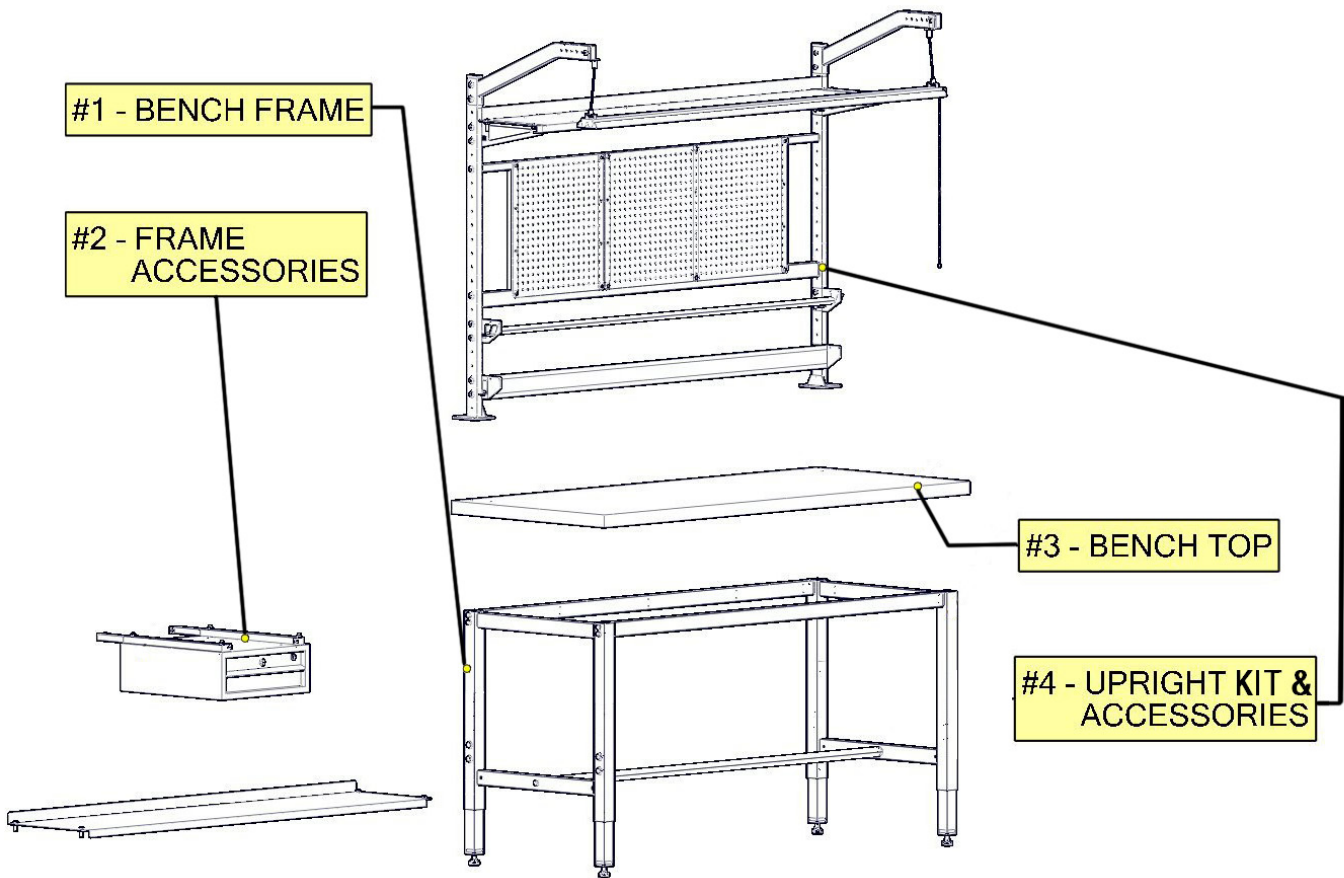


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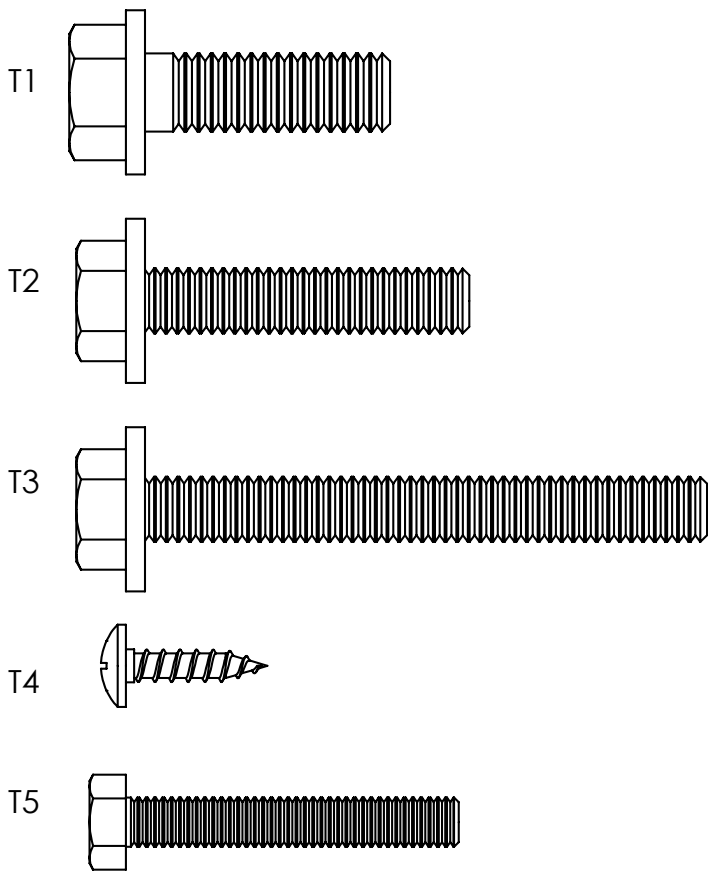
Heavy Duty Workbench

HARDWARE REFERENCES

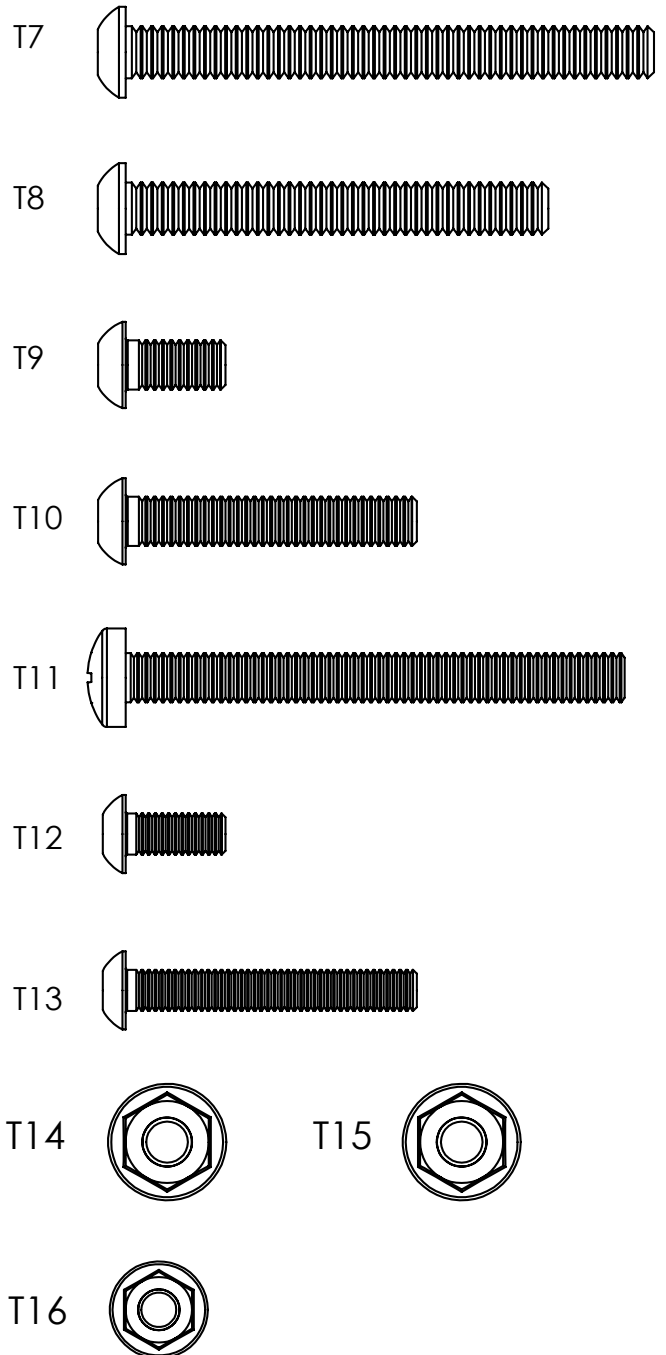
Listed in general order of use:

#	Description	#	Description
T1	3/8-16 x 1-1/4 Serrated Flanged Hex Bolt	T9	M6 x 12 Socket Screw
T2	5/16 x 1-1/2 Serrated Flanged Hex Bolt	T10	M6 x 35 Socket Screw
T3	5/16 x 2-1/2 Serrated Flanged Hex Bolt	T11	M6 x 60 Round Head Screw
T4	M5 x 18 Self-Tapping Screw	T12	M5 x 12 Socket Screw
T5	M6 x 40 Hex Bolt	T13	M5 x 35 Socket Screw
T6	M5 x 70 Phillips indented hex head wood screw	T14	M6 Serrated Flange Hex Nut
T7	1/4-20 x 2-1/2 Socket Screw	T15	1/4-20 Serrated Flange Hex Nut
T8	1/4-20 x 2 Socket Screw	T16	M5 Serrated Flange Hex Nut

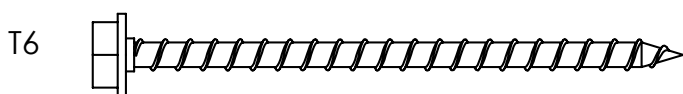
Frame Hardware



Upright Kit & Accessory Hardware



Top Hardware



1 inch 

Note: Hardware depicted to scale

Heavy Duty Workbench

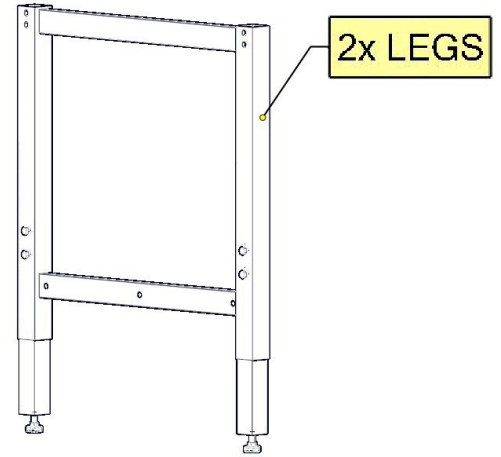
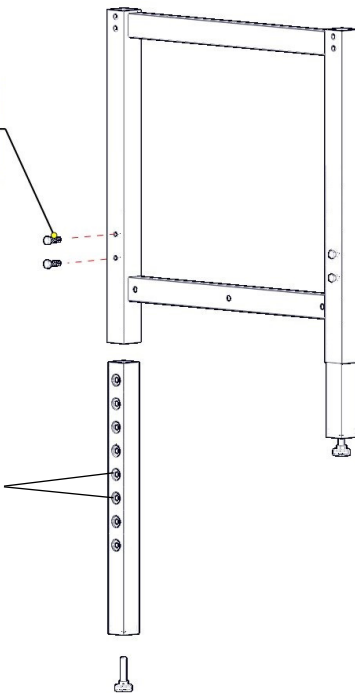
1 BENCH FRAME ASSEMBLY

Assemble 2x legs from "Leg Set" kit. Adjust the legs to desired height and use hardware T1 (3/8-16 x 1-1/4 serrated flanged hex bolts) to secure the them.

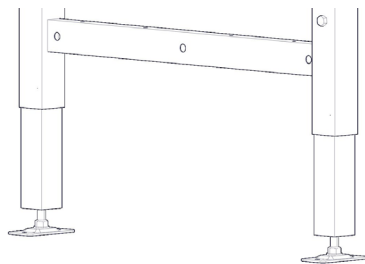
2x BOLTS ON EACH LEG

T1

For reference, the most common workbench height is 36 inches. Using the 5th and 6th holes from the top will set the workbench to approximately this height. The exact height may vary depending on the thickness of the workbench top and the adjustment of the floor levelers.



Use the supplied adjustable footplates instead of floor levelers if planning to fix the workbench to the floor.



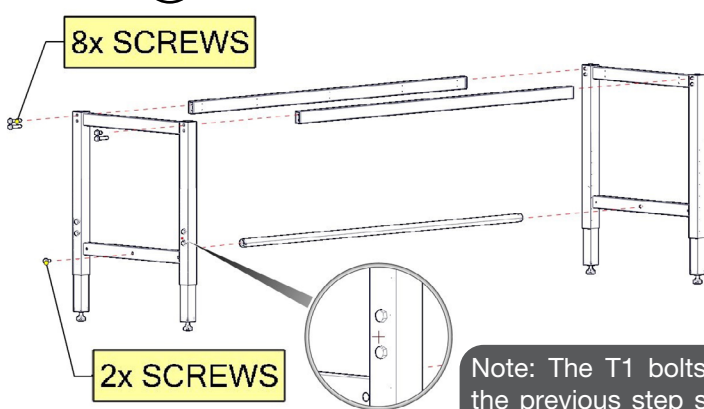
Attach 2x legs to the stringers and crossbeam from "Cross Beam" kit using hardware T2 (5/16 x 1-1/2 serrated flanged hex bolt) and T3 (5/16 x 2-1/2 serrated flanged hex bolt).

T3

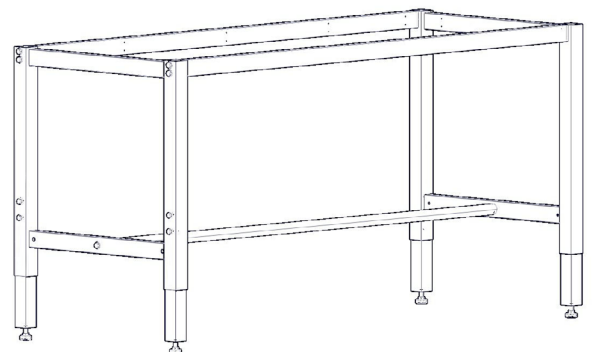
8x SCREWS

2x SCREWS

T2



Note: The T1 bolts from the previous step should be facing outwards.

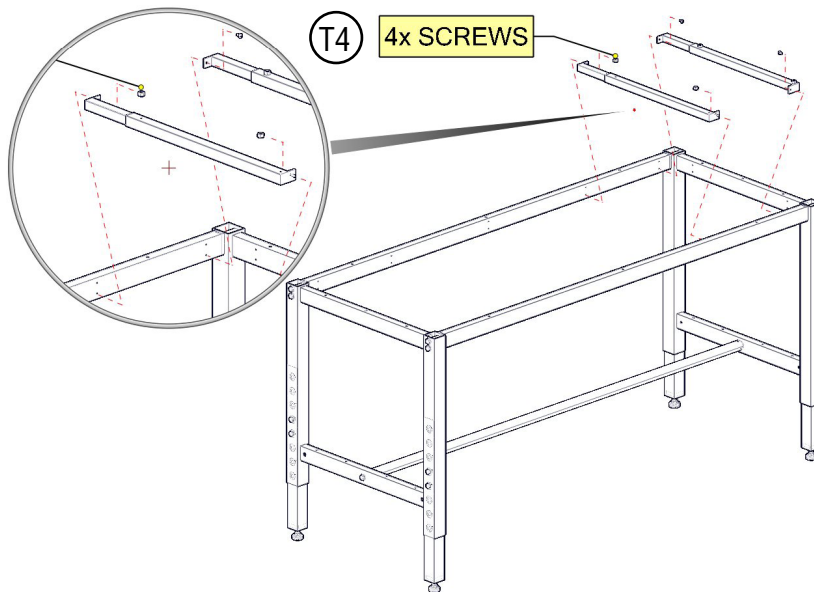


Heavy Duty Workbench

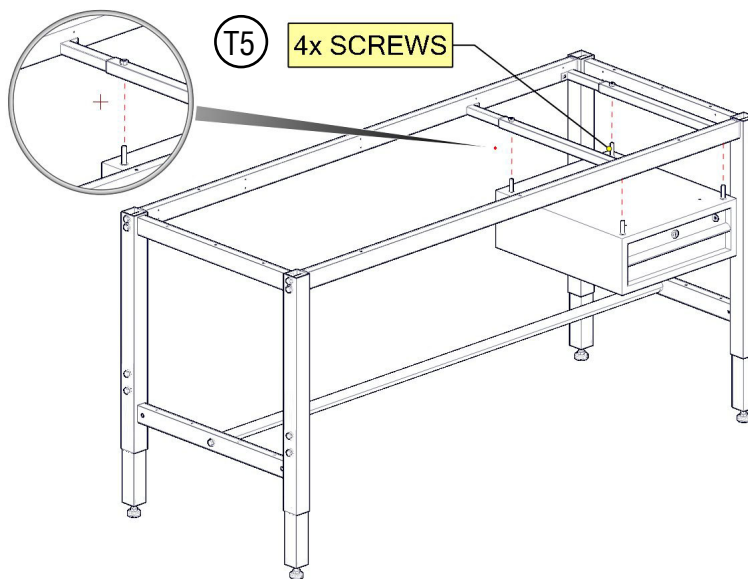
2 FRAME ACCESSORIES ASSEMBLY

2.1 If workbench is purchased with a drawer or cabinet:

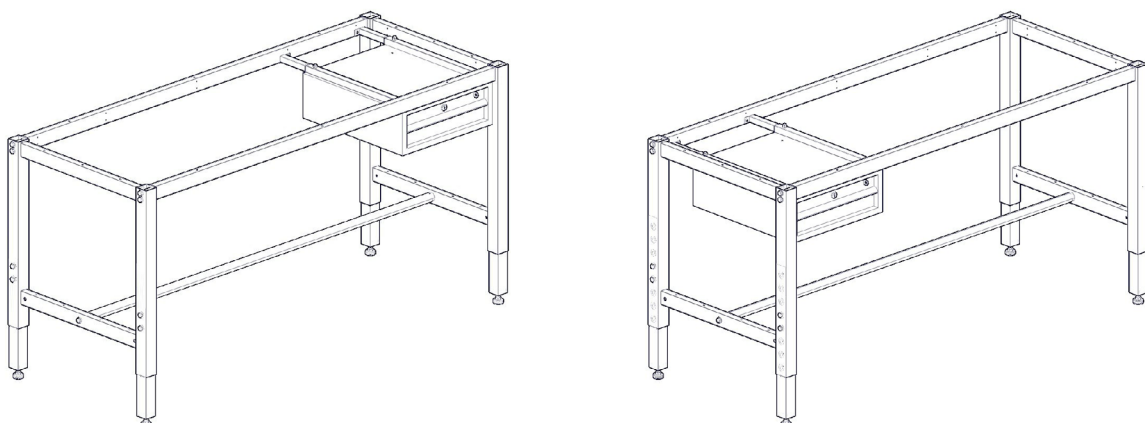
Attach the drawer supports to the pre-drilled holes in the stringers with the supplied T4 (M5 x 18 self-tapping) screws. The drawer can be installed on either the left or right side of the workbench.



Position the drawer or cabinet under the supports and fasten with T5 (M6 x 40 bolt) hardware.



Drawer orientation options:



Heavy Duty Workbench

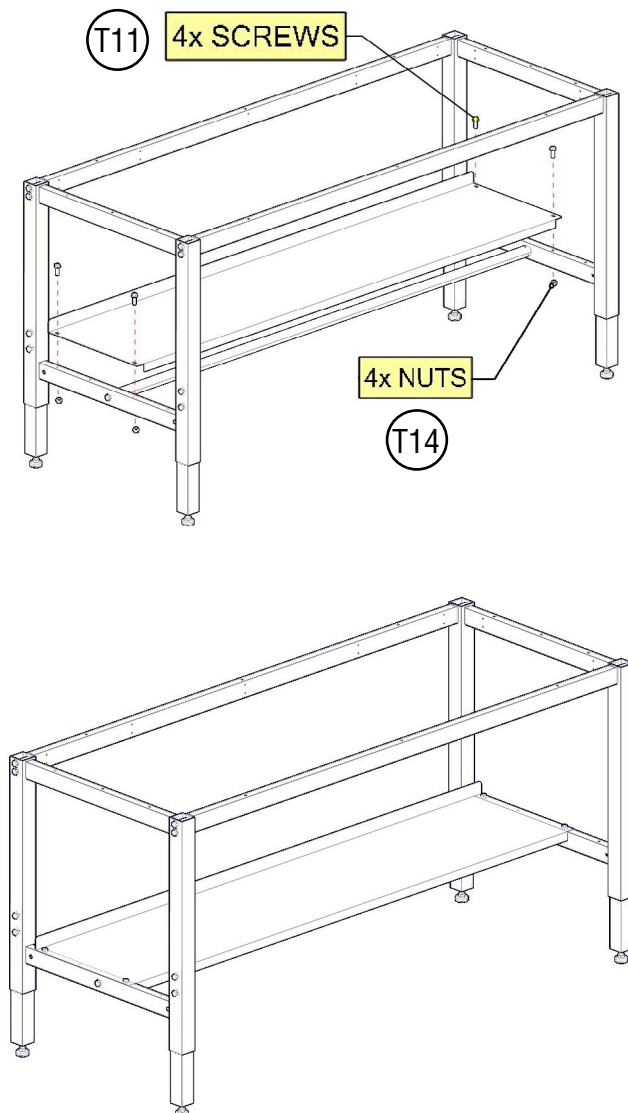
The installation method for the drawer supports is the same across different types of drawers and cabinets. All models all use the supplied T5 (M6 x 40 bolt) hardware to attach to the supports.

NOTE: When combining two units, refer to the manual included in the packaging specific to that model.



2.2 If workbench is purchased with a lower shelf:

Position the lower shelf over the crossbeam and secure it to the frame with T11 (M6 x 60 round head screws) and T14 (M6 serrated flange hex nuts) hardware.

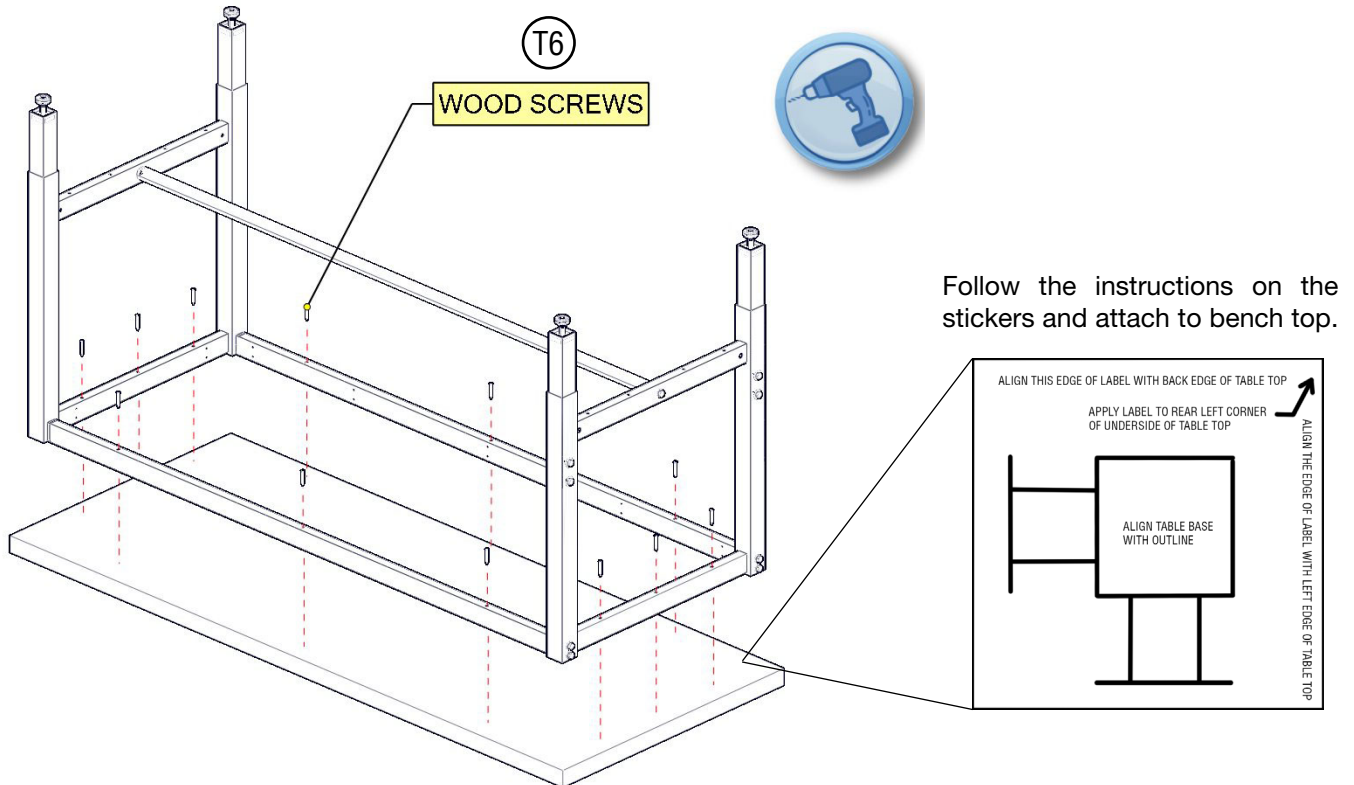


Heavy Duty Workbench

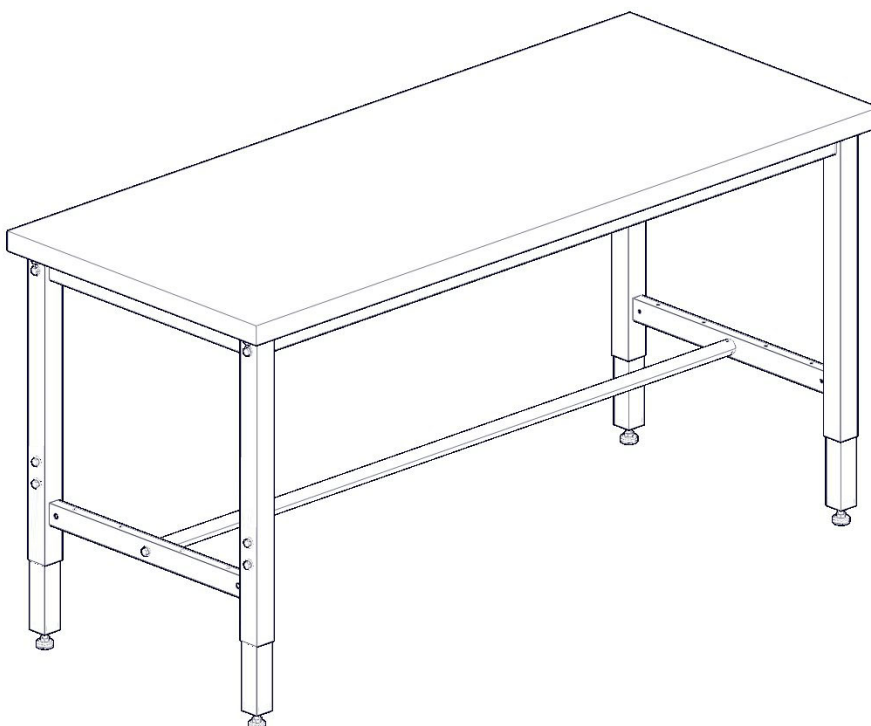
3 BENCH TOP ASSEMBLY

3.1 If bench top is plastic laminate, shop top, ESD, butcher block, or stainless steel:

- Place the bench top on the floor so that the top surface is facing down. Keep the bench top on the cardboard packaging to prevent scratching the top surface.
- Using two people, flip the bench frame upside down. Orient and attach the 2x stickers included in the leg kit to the underside of the bench top. Use them to help align the frame to the bench top.
- Use an electric drill to attach T6 (M5 x 70 Phillips indented hex head) wood screws through the frame and into the bench top.



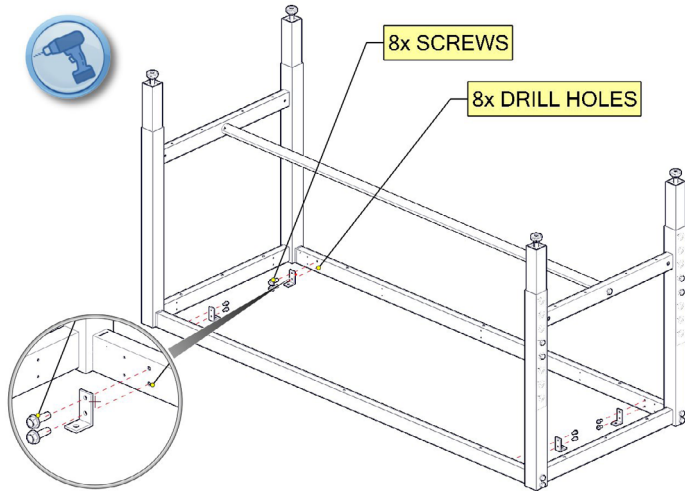
- After the top is firmly fixed to the frame, carefully flip the workbench so that the feet are resting on the ground.



Heavy Duty Workbench

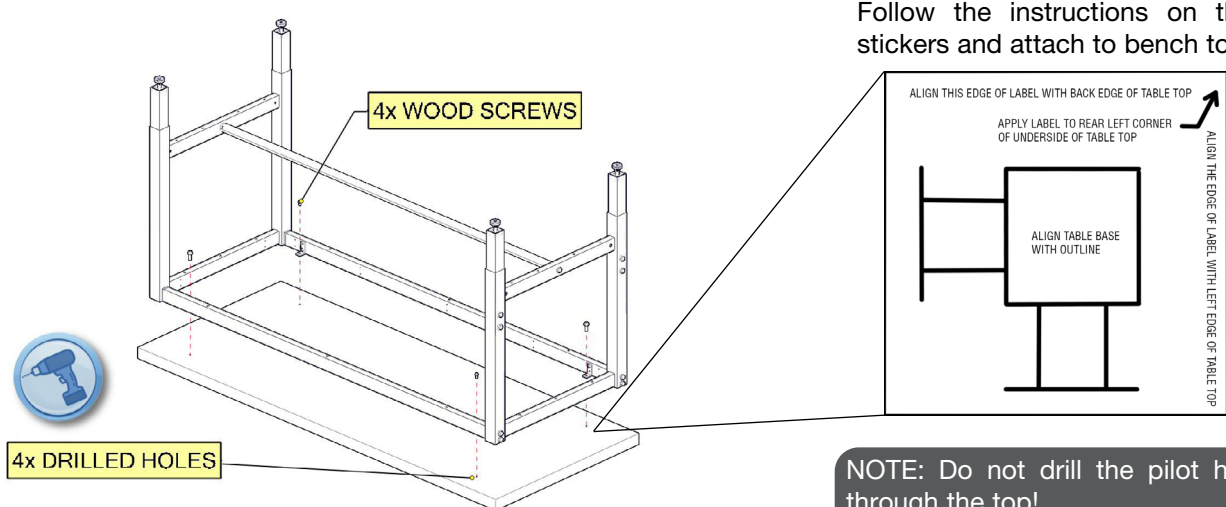
3.2 If the bench top is phenolic resin, a phenolic top mounting kit (M#253CP67) is required.

- Use two people to flip the bench frame upside down.
- Use an electric drill and 3.5 mm drill bit (included with the mounting kit hardware) to drill mounting holes into bench frame for the mounting brackets. Location for holes should be determined by placing the brackets flush on the ground and against the side of the stringer as depicted below.
- Install the brackets onto the bench frame with the 8x supplied screws.



NOTE: When installing the phenolic brackets on the frame, position them away from the pre-drilled holes to prevent them from interfering with the drawer/cabinet installation.

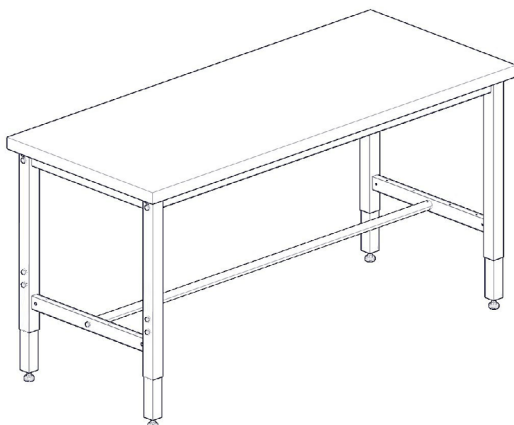
- Apply the 2x stickers included in the leg kit to the bench top and align the frame to the bench top.
- Use an electric drill and 6 mm drill bit (included in mounting kit) to make pilot holes for wood screws. Use the drill to attach wood screws through the brackets and into the pilot holes in the phenolic bench top.



Follow the instructions on the stickers and attach to bench top.

NOTE: Do not drill the pilot holes through the top!

- After the top is firmly fixed to the frame, carefully flip the workbench so that the feet are resting on the ground.



Heavy Duty Workbench

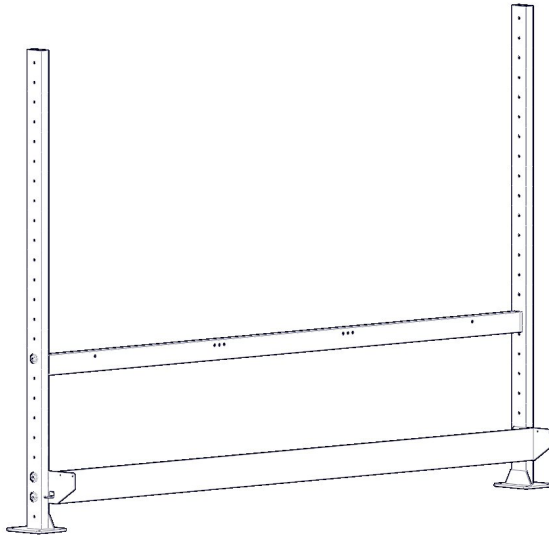
4 UPRIGHT ACCESSORIES ASSEMBLY

NOTE: Upright accessories may vary depending on workbench kit purchased. Refer primarily to instructions included with accessories.

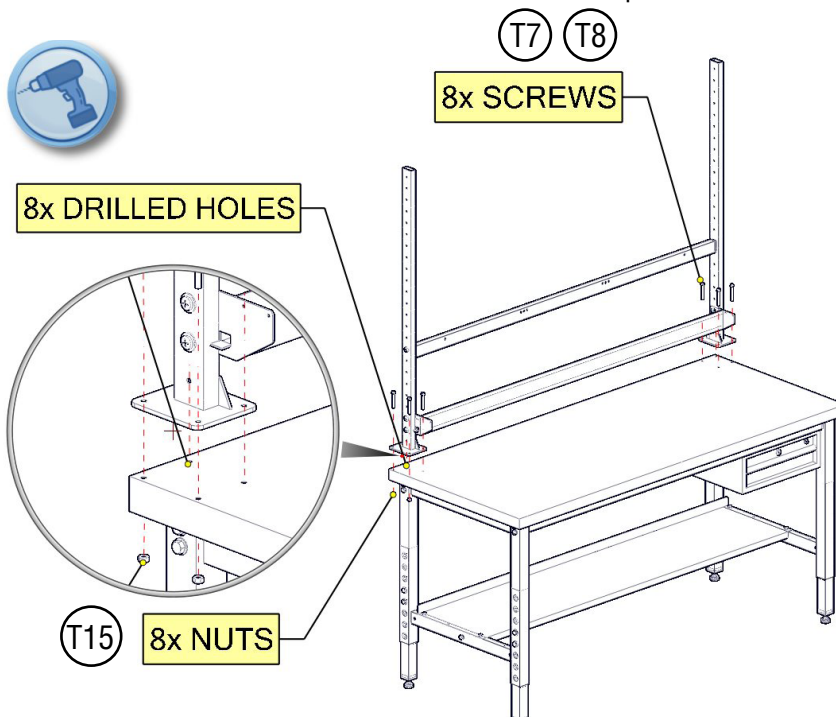
Positions of and spacing between accessories on upright will depend on models being used. User can customize spacing between accessories based on their ergonomic preferences.

Establish distance between uprights to create a rigid structure:

- Install at least two horizontal components between the uprights, such as the bin rail, pegboard stringer, or upper shelf. Refer to relevant accessory installation instructions further on in this section.



- Position the upright structure on top of the workbench.
- Mark the holes that line up with the mounting holes on the upright base.
- Use a drill and a 1/4" drillbit (included in the leg kit) to drill 8x through holes on the bench top.
- Install the upright assembly onto the bench top with T7 (1/4-20 x 2-1/2 socket) or T8 (1/4-20 x 2 socket) screws and T15 (1/4-20 serrated flange hex) nuts. T8 screws are recommended for 1-5/8" bench tops, whereas T7 screws are recommended for thicker tops.

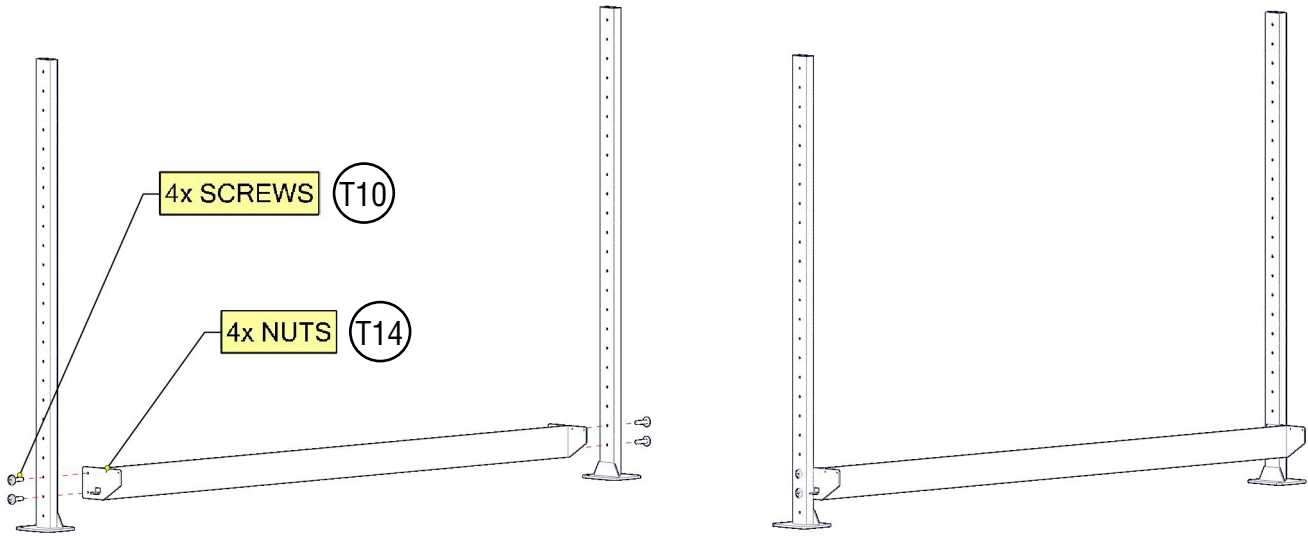


CAUTION: Mounting the upright assembly requires at least two people!

Heavy Duty Workbench

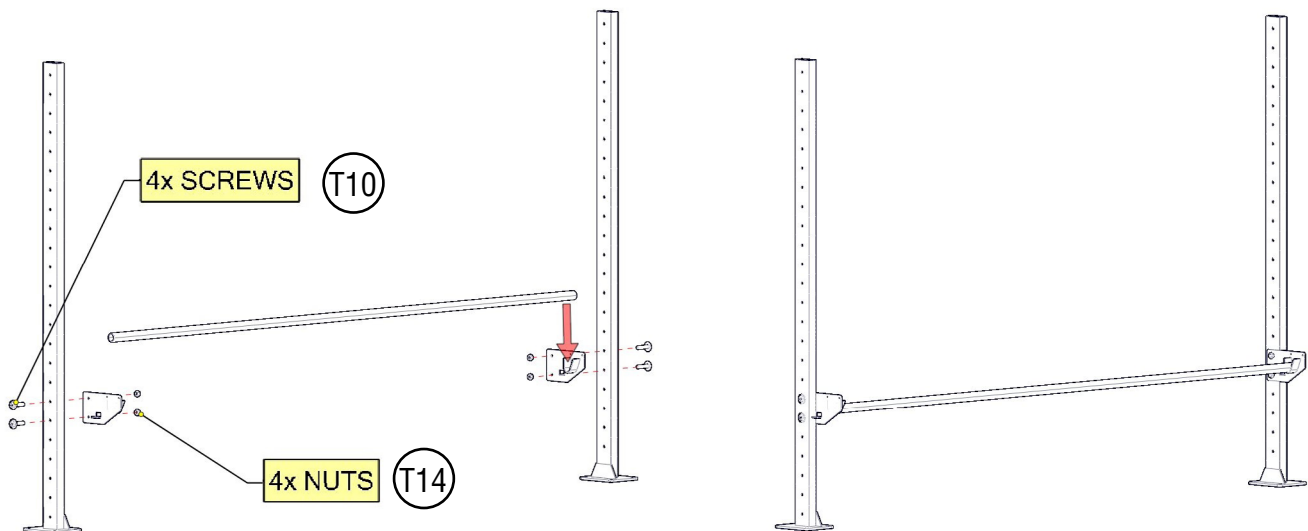
4.1 If workbench is purchased with a bin rail:

- Install the bin rail on the uprights using T10 (M6 x 35 Socket Screw) and T14 (M6 serrated flange hex nuts) hardware.



4.2 If workbench is purchased with a reel holder:

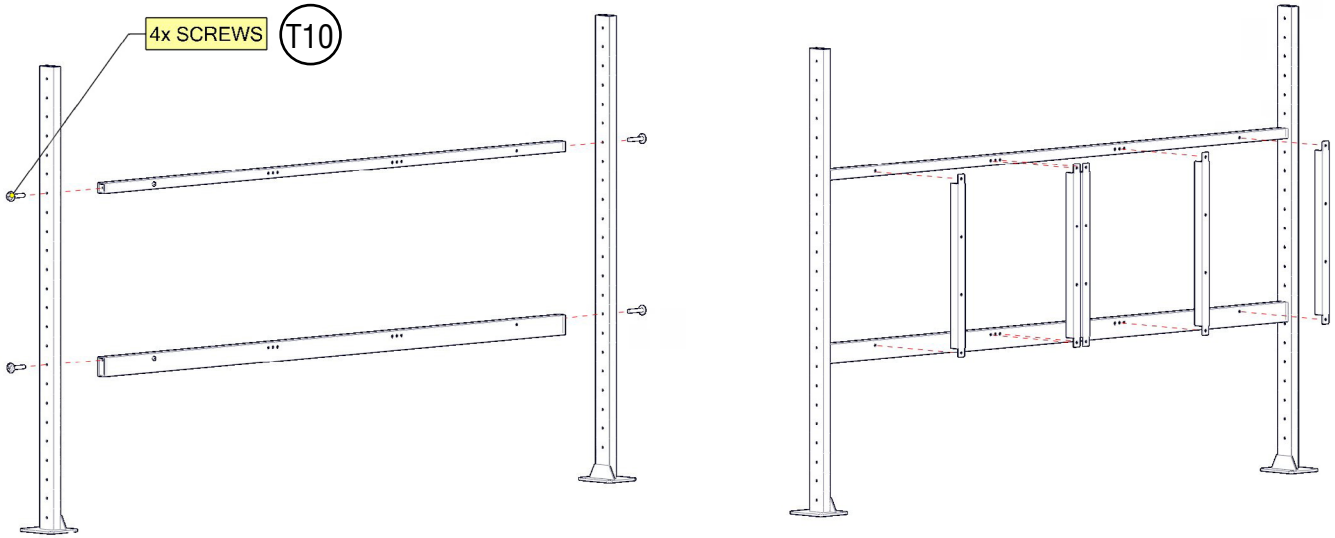
- Install the reel holder brackets on the upright using T10 (M6 x 35 Socket Screw) and T14 (M6 serrated flange hex nuts) hardware. Then place the reel holder onto the brackets.



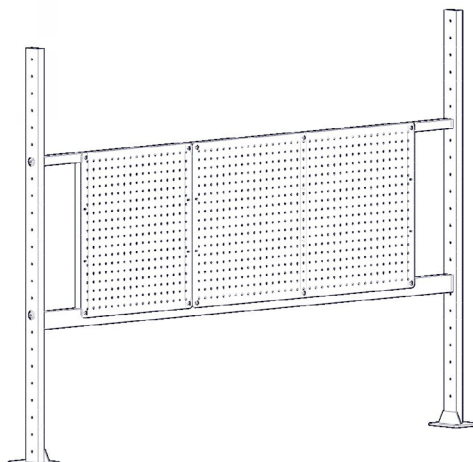
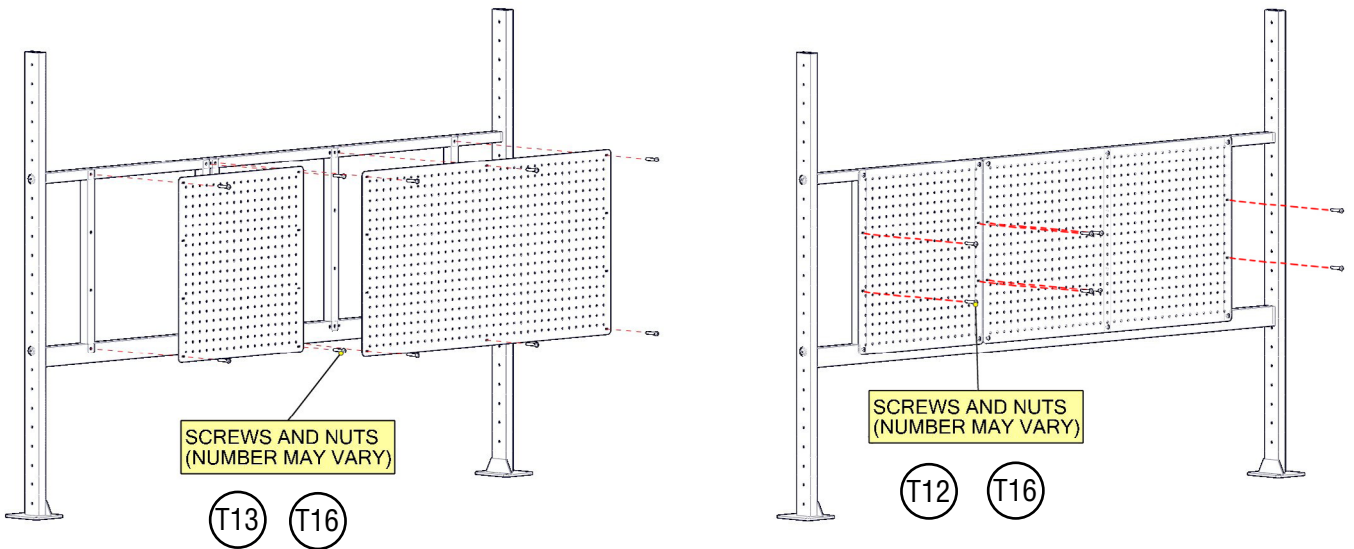
Heavy Duty Workbench

4.3 If workbench is purchased with a pegboard panel:

- Install the stringers to the uprights with T10 (M6 x 35 Socket Screw) hardware.
- Position the supports over the stringers so that the holes are aligned.



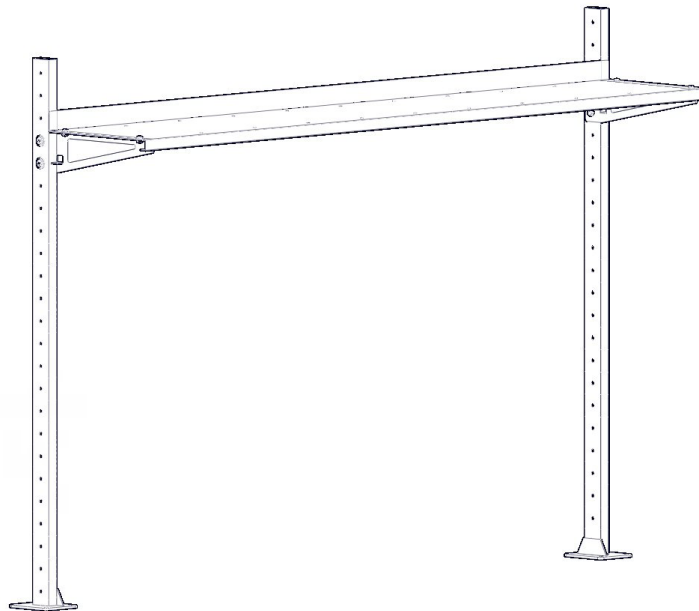
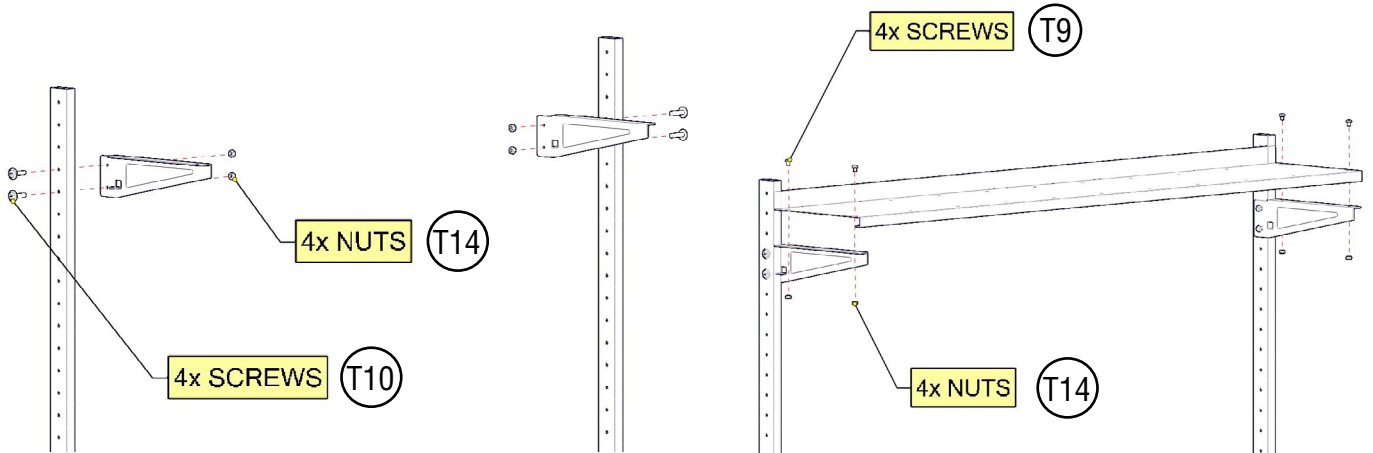
- Position the pegboard panel(s) over the supports so that the corner holes of the pegboard are aligned with the stringer and support holes from the previous step.
- Attach the pegboard to the stringers with T13 (M5 x M35 socket head screw) and T16 (M5 flanged nut) hardware.
- Secure the pegboard to the supports with T12 (M5 x M12 socket head screw) and T16 (M5 flanged nut) hardware



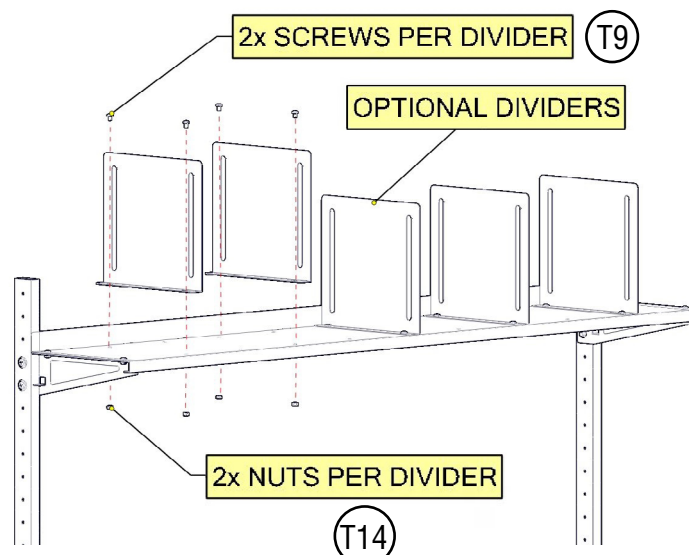
Heavy Duty Workbench

4.4 If workbench is purchased with an upper shelf:

- Install the shelf brackets on the uprights with T10 (M6 x 35 socket screw) and T14 (M6 serrated flange hex nut) hardware.
- Attach the shelf to the brackets with T9 (M6 x 12 socket screw) and T14 (M6 serrated flange hex nut) hardware.



If shelf has dividers, use hardware included with dividers to install them onto the shelf.



Heavy Duty Workbench

4.5 If workbench is purchased with a lighting fixture:

- Install arms onto the uprights and the brackets onto the arms with T10 (M6 x 35 socket screw) and T14 (M6 serrated flange hex nut) hardware.
- Insert the plastic end caps onto the ends of the arms.
- Follow the manual included with the lighting kit to set up and install the lighting fixture onto the brackets.

