

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

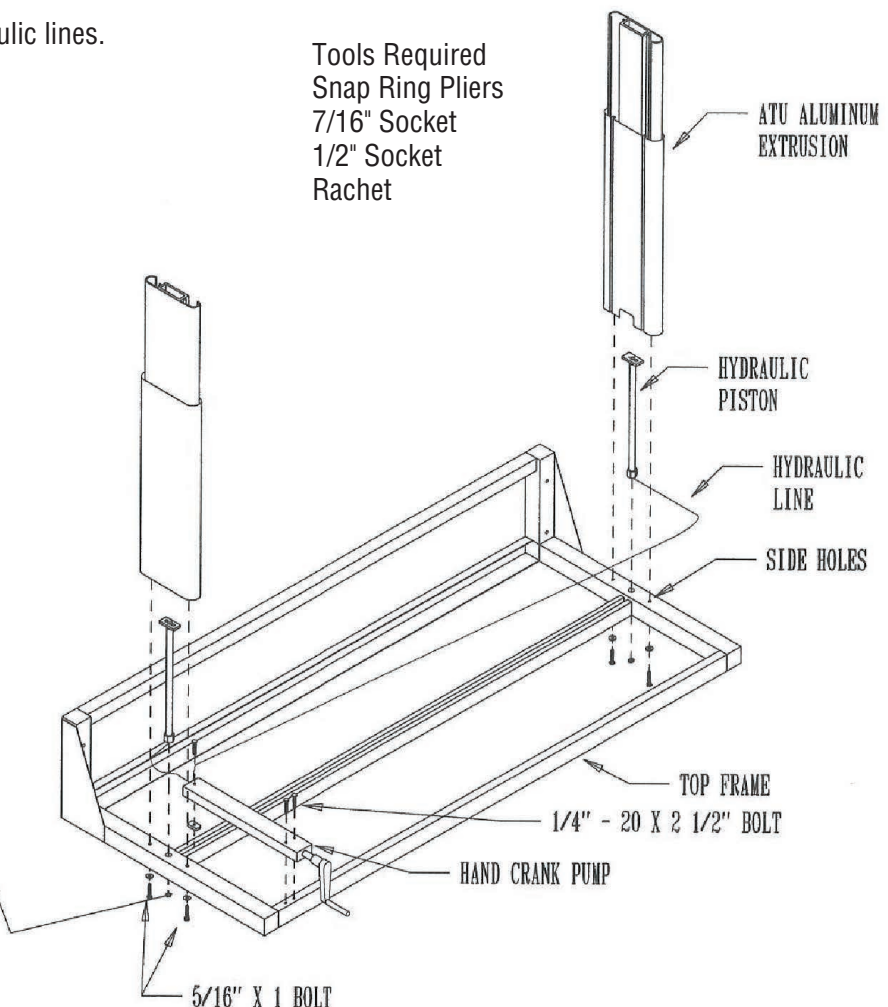
## Bench-In-A-Box Ergonomic Workbench

B2334694: 72"W x 30"D ESD Laminate Top (ref page 5)  
B2334695: 72"W x 30"D Plastic Laminate Top  
B2334696: 60"W x 30"D ESD Laminate Top (ref page 5)  
B2334697: 60"W x 30"D Plastic Laminate Top

1. Lay top frame upside down on flat surface.
2. Mount hand crank pump system into place using (2) 1/4" - 20 x 2 1/2" hex head bolts and kepnuts on front of crank and (1) 1/4" - 20 x 2 1/2" hex head bolt 1/4" strut nut in back.
3. Install hydraulic pistons into side holes and fasten with snap rings, with white nylon rectangle facing upward.
4. Install ATU extrusion units over hydraulic piston and fasten using 5/16" - 18 x 1" hex head bolts and flat washers (do not tighten !!)

Note: Be sure not to pinch hydraulic lines.

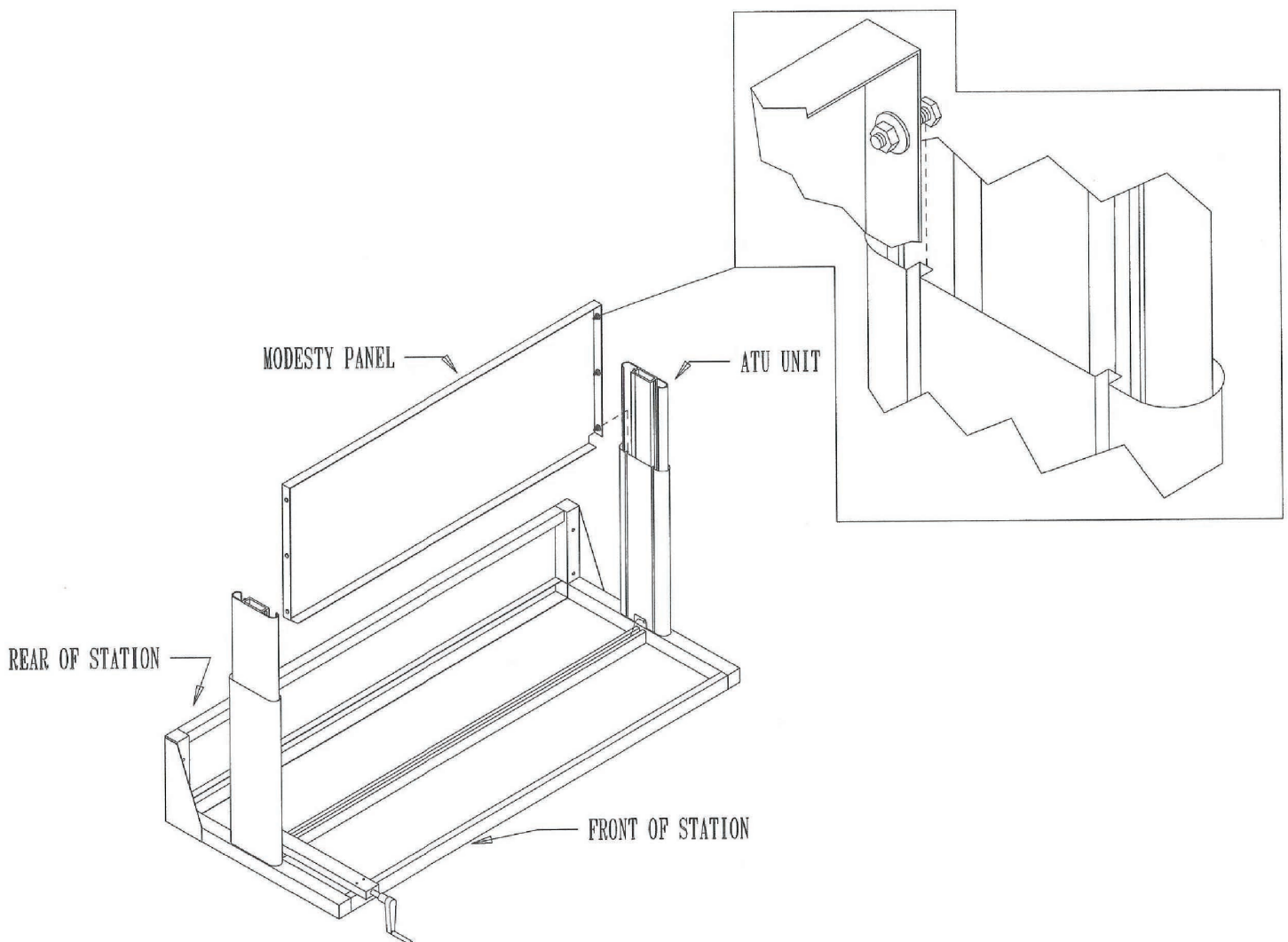
Tools Required  
Snap Ring Pliers  
7/16" Socket  
1/2" Socket  
Ratchet



# Ergonomic Workbench

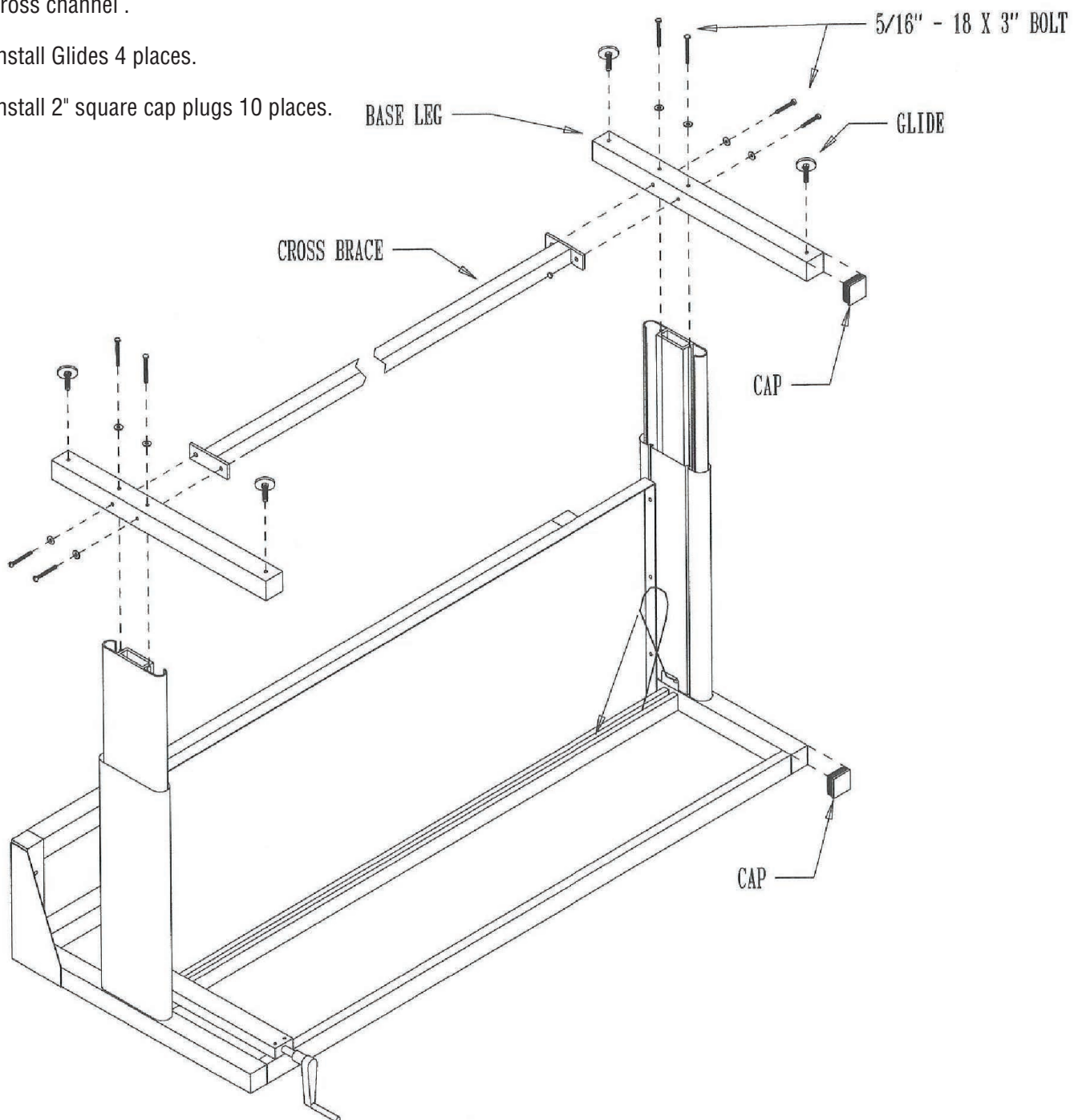
1. Mount 1/4" - 20 x 3/4" hex head bolts, flat washers and kep nuts loosely into modesty panel.
2. Using 2 people slide modesty panel down ATU units with heads of 1/4" bolts channeled into slots on ATU's towards rear of station .

Do Not Tighten!!!



# Ergonomic Workbench

1. Mount base legs to aluminum extrusions using 5/16" - 18 x 3" hex head bolts and 5/16" washers (do not tighten).
2. Mount cross brace between legs using 5/16" - 18 x 3" hex head bolts 5/16" flat washer and kepnuts as shown.
3. At this time tighten cross brace, base legs, modesty panel, and ATU extrusions to top frame (reference pages 1 and 2).
4. Loop and tuck excess hydraulic line into cross channel .
5. Install Glides 4 places.
6. Install 2" square cap plugs 10 places.



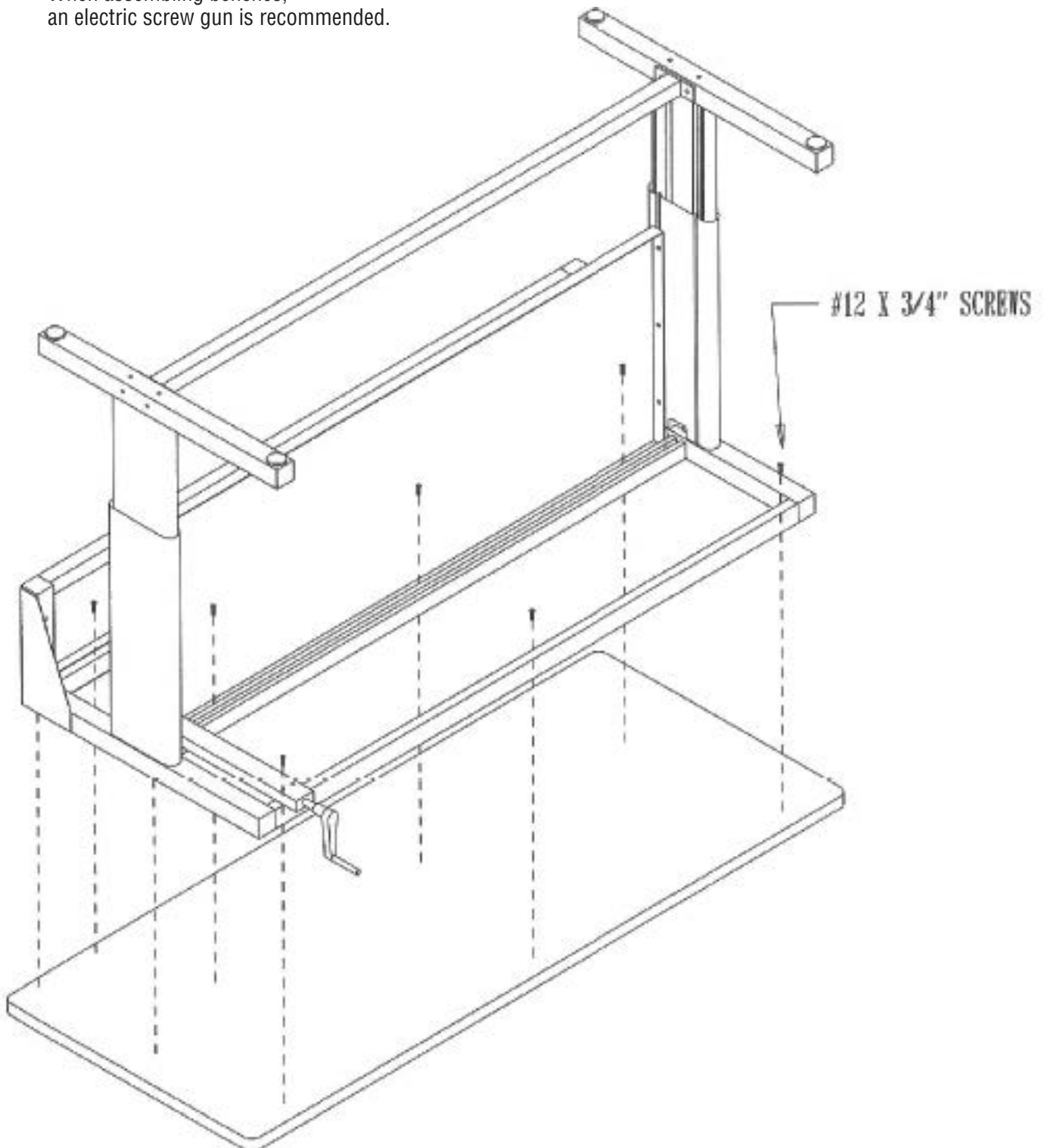
# Ergonomic Workbench

1. Lay entire frame upside down on work surface so that the back of the frame is completely flush with the back of the worksurface.

(Seam of edging to back). Using the Pre-drilled holes, screw #12 x 3/4" screws in to secure frame to top.

Note: overhang of the top should be 1 1/2" in the front even on the sides (flush with back).

When assembling benches, an electric screw gun is recommended.



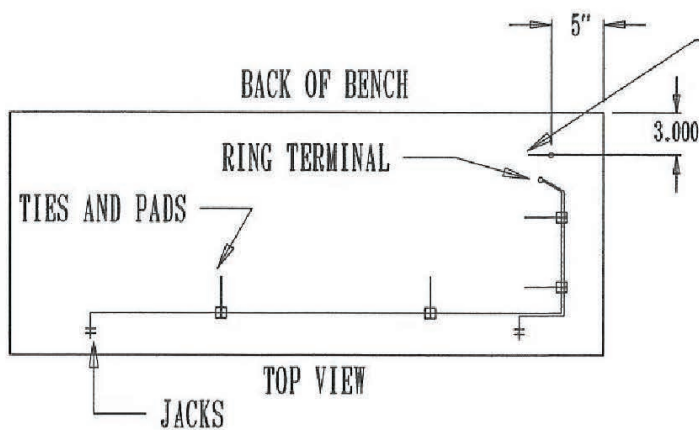
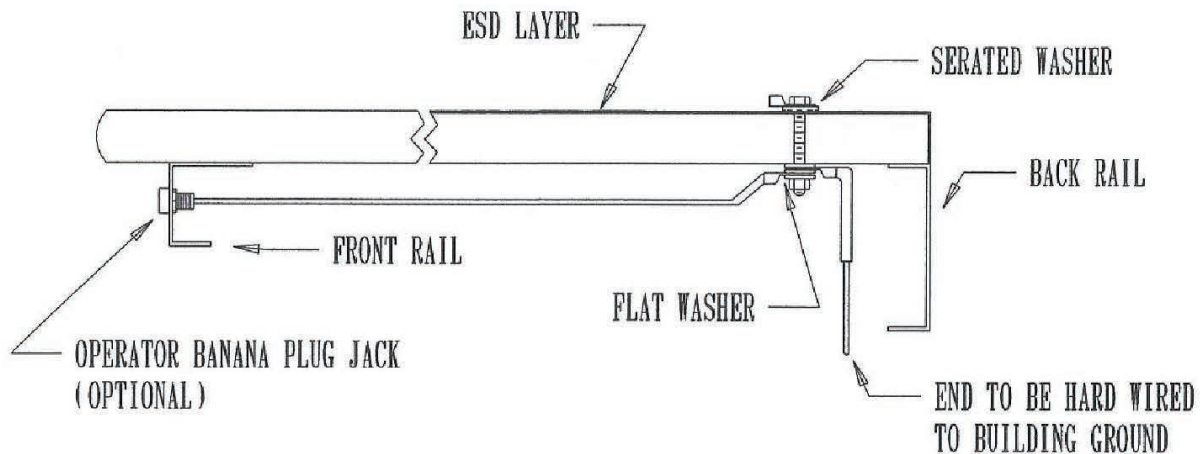


# Ergonomic Workbench

ESD installation only for below models:

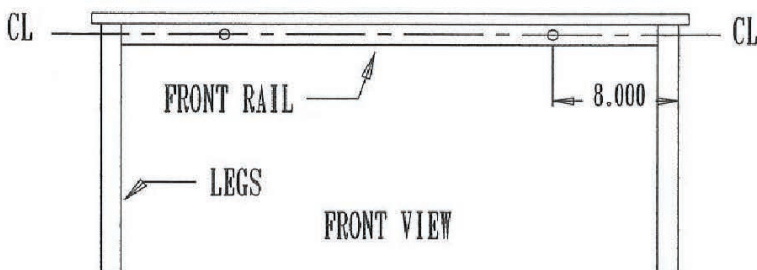
B2334694: 72"W x 30"D ESD Laminate Top

B2334696: 60"W x 30"D ESD Laminate Top



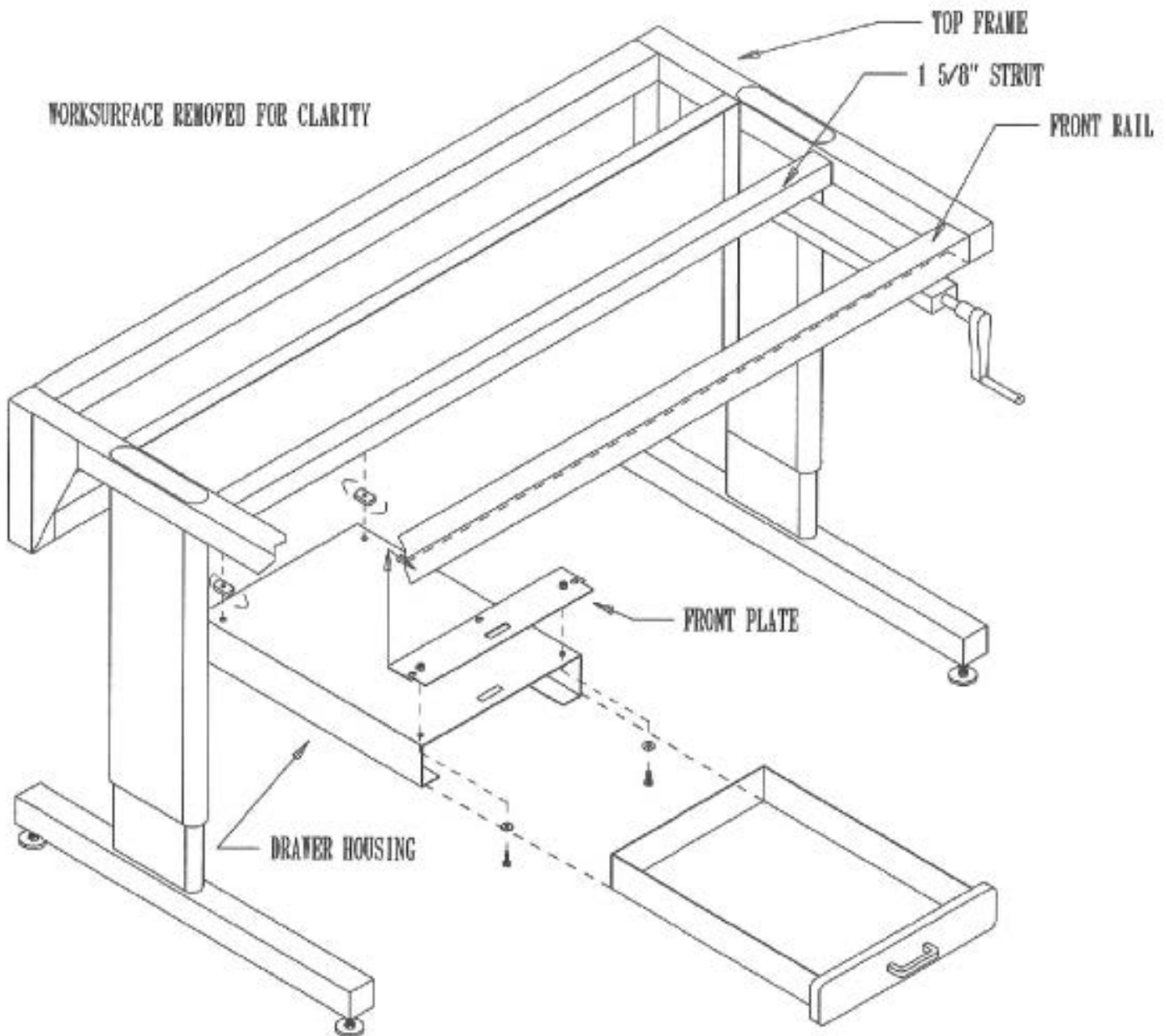
DRILL 3/8" HOLE (IF NOT ALREADY PREDRILLED) THRU AND INSTALL GROUND BOLT

1. Drill 3/8" hole in worksurface per measurements in the top view (if not already pre-drilled).
2. Install 5/16" x 2" hex head bolt, ring terminal, and serated washer through worksurface. On underside of worksurface install washer, ring terminal, washer, ring terminal, washer, and nut in this order and tighten.
3. Mount jacks into front rail using nuts provided.
4. Run wires in manner shown in top view using wire ties and self stick pads (4 to 6 per bench).  
Note: Pads stick better to metal surface.
5. Cut wires to appropriate length by pulling wires (to remove excess slack) towards the hole in the worksurface and adding 1" to that. Strip wires back 1/4" and install the ring terminal by crimping it to both exposed wires at the same time.

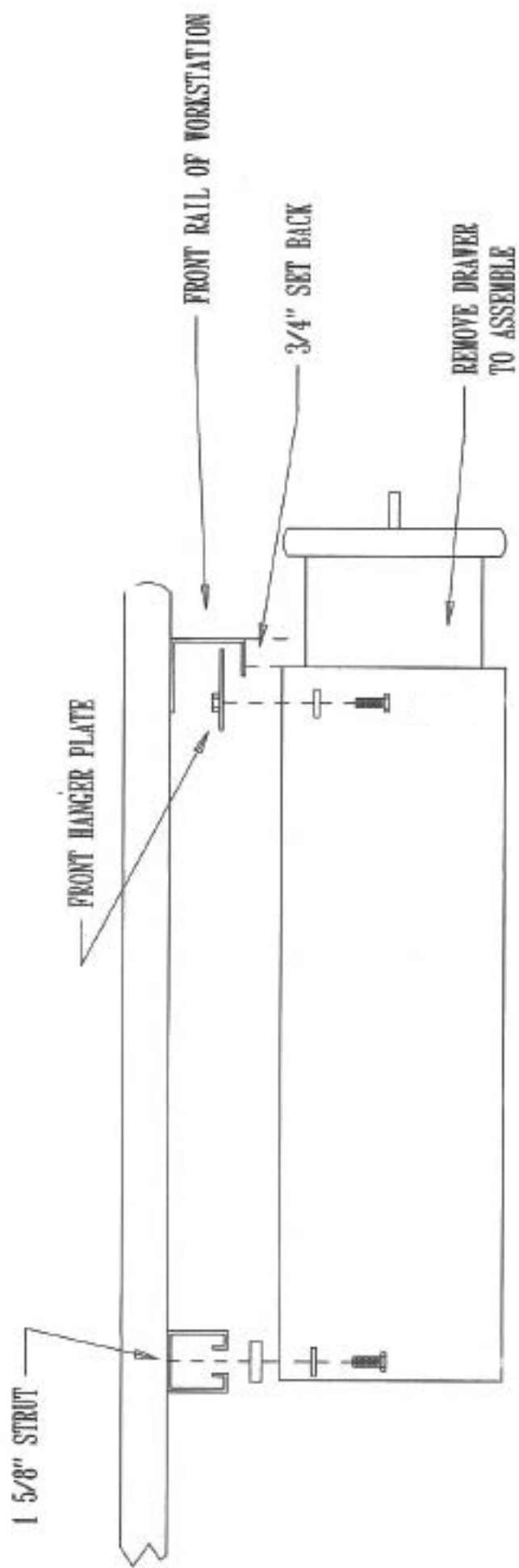


# Ergonomic Workbench

1. Remove drawer from housing .
2. Mount front plate to drawer 1/4" - 20 x 3/4" hex head bolts and washer as shown. (leave bolts on front plate loose).
3. Install 1/4" - 20 x 3/4" bolts and strut nuts into holes in the rear of the drawer housing.
4. Slide front plate over front rail of bench, sandwiching front rail between housing and plate.
5. Push bolt assembly into 1 5/8" strut and tighten.
6. Tighten bolts securing front hanging plate.
7. Re-install drawers  
Note: drawers are more easily mounted when bench is flipped upside down.

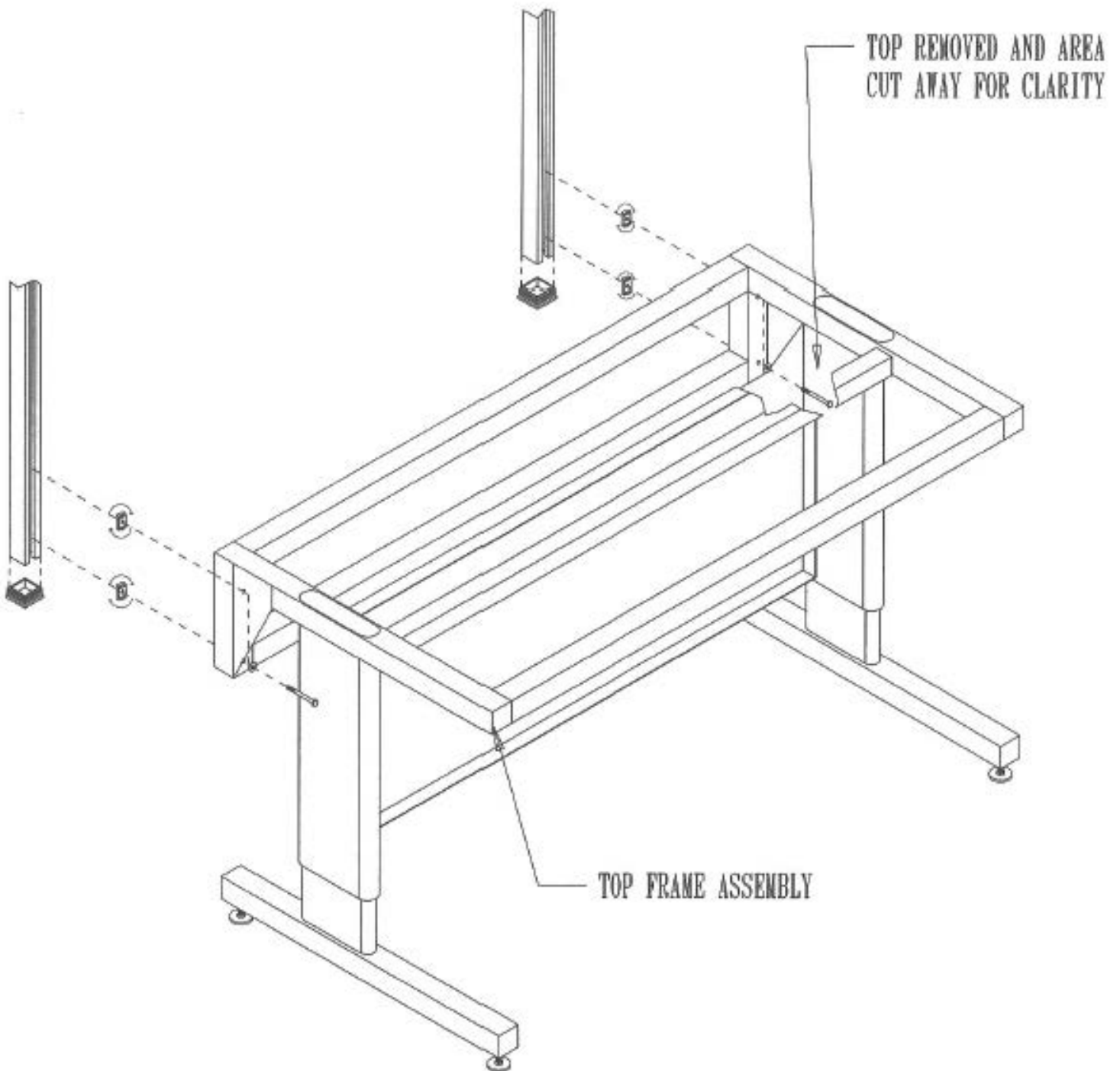


# Ergonomic Workbench



# Ergonomic Workbench

1. Mount 1/4" x 2 3/4" hex head bolts through top frame assembly as shown.
2. Turn 1/4" strut nuts on approximately two (2) threads.
3. Hold uprights against back of rear legs.
4. Push bolt assembly into uprights and turn clockwise to tighten.



# Ergonomic Workbench

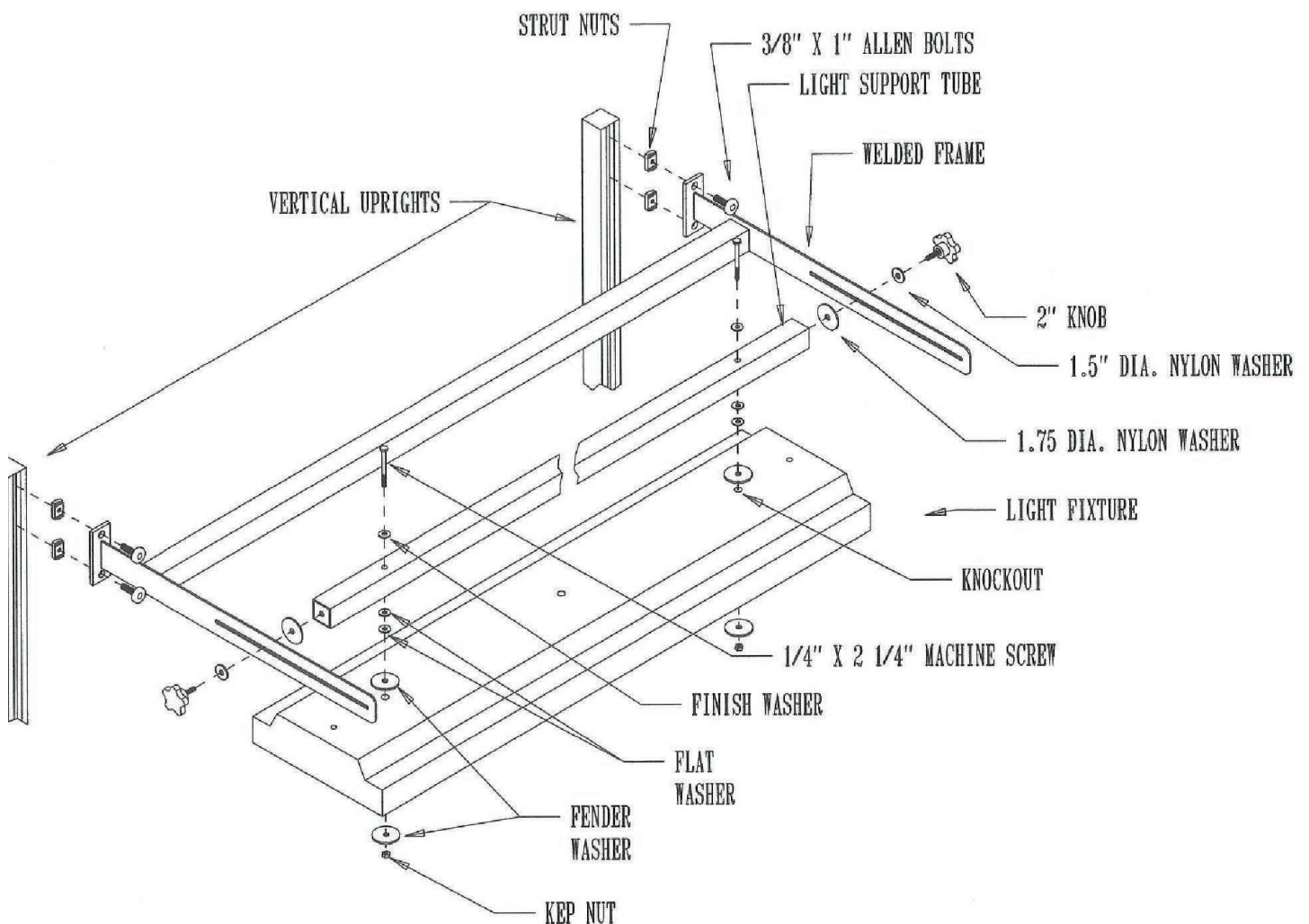
1. Locate and remove the knockouts that are closest to the ends of the light fixture.
2. Fasten light fixture to light support tube as shown with 1/4" x 2 1/4" flat allen machine screw, finish washer, (2) flat washers, (2) fender washers and a kep nut.
3. Attach the light frame to vertical uprights using 3/8" x 1" allen head cap screws and strut nuts.
4. Assemble the 2" knobs through welded frame and into threaded inserts in tube ends. (use washers as shown).

Note: it is suggested that 2 people perform the operation of mounting light tube to frame.

## Bulb Requirements

48" fixtures: F32 T8

36" fixtures: F30 T8 ; F25 T8





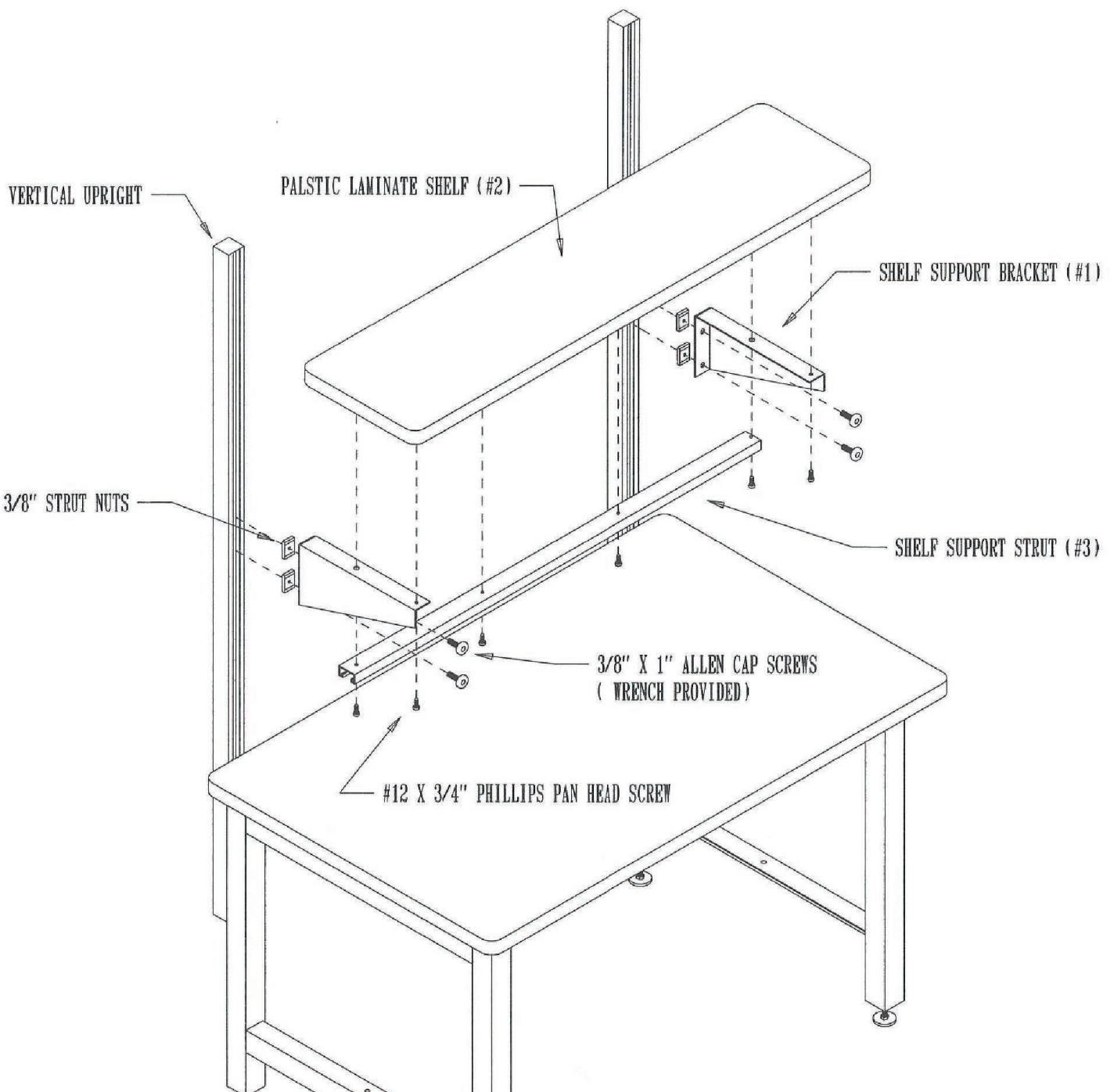
# Ergonomic Workbench

## Tools Required

1 screw gun with #3 Phillips head tip 7/32" Allen wrench

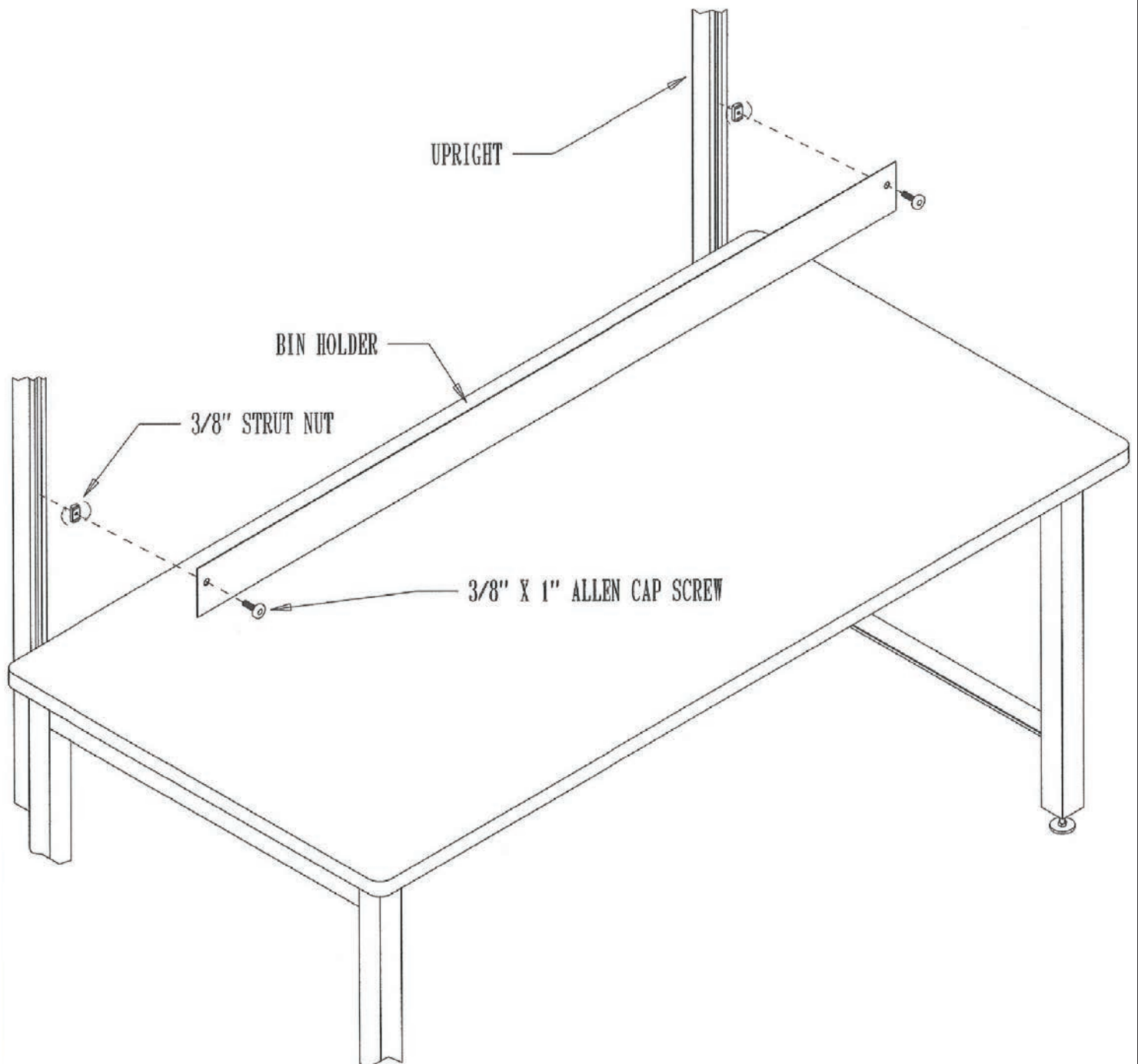
1. Choose desired height on uprights and mount shelf brackets to the uprights with 3/8" x 1" allen cap bolts and strut nuts provided.
2. Lay plastic laminated shelf across shelf support brackets with equal overhang on left and right sides.

3. With 2 people (one on each side of shelf), hold shelf support strut against shelf support brackets and install #12 x 3/4" Phillips pan head screws in each end. Then proceed to install the remainder of the pan head screws.



# Ergonomic Workbench

1. Fasten bin holder to uprights at desired height using 3/8" x 1" allen cap screws and 3/8" strut nuts.



# Ergonomic Workbench

1. Fasten ESMR to the uprights with  $3/8"$  x  $1"$  allen cap screws and  $3/8"$  strut nuts.
2. Secure the electrical strip to the ESMR as shown using  $6/32"$  x  $3/8"$  round head machine screws and  $6/32"$  hex nuts.

