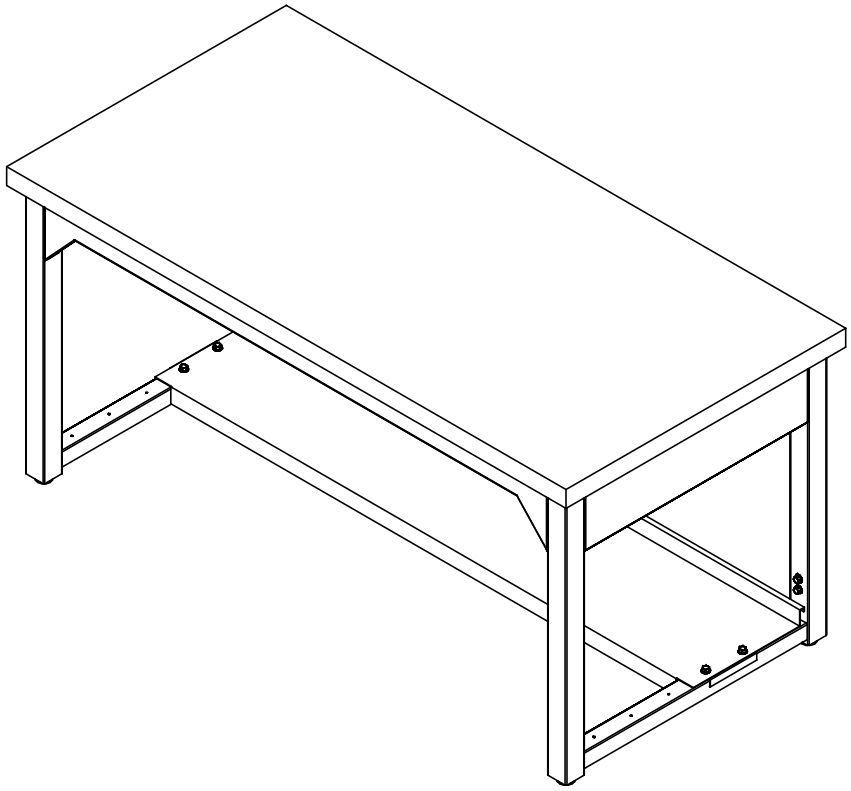
FABRICATION LAB WORKBENCH

AMS SERIES TABLES
ASSEMBLY INSTRUCTIONS



NOTE:

1. MODEL VIEWS MAY NOT REPRESENT EXACT MODEL PURCHASED

TOOLS REQUIRED
½" WRENCH
½" SOCKET AND TORQUE WRENCH - OPTIONAL
DRILL
3/16" DRILL BIT
C-CLAMPS
SHIM STOCK (IF NEEDED)

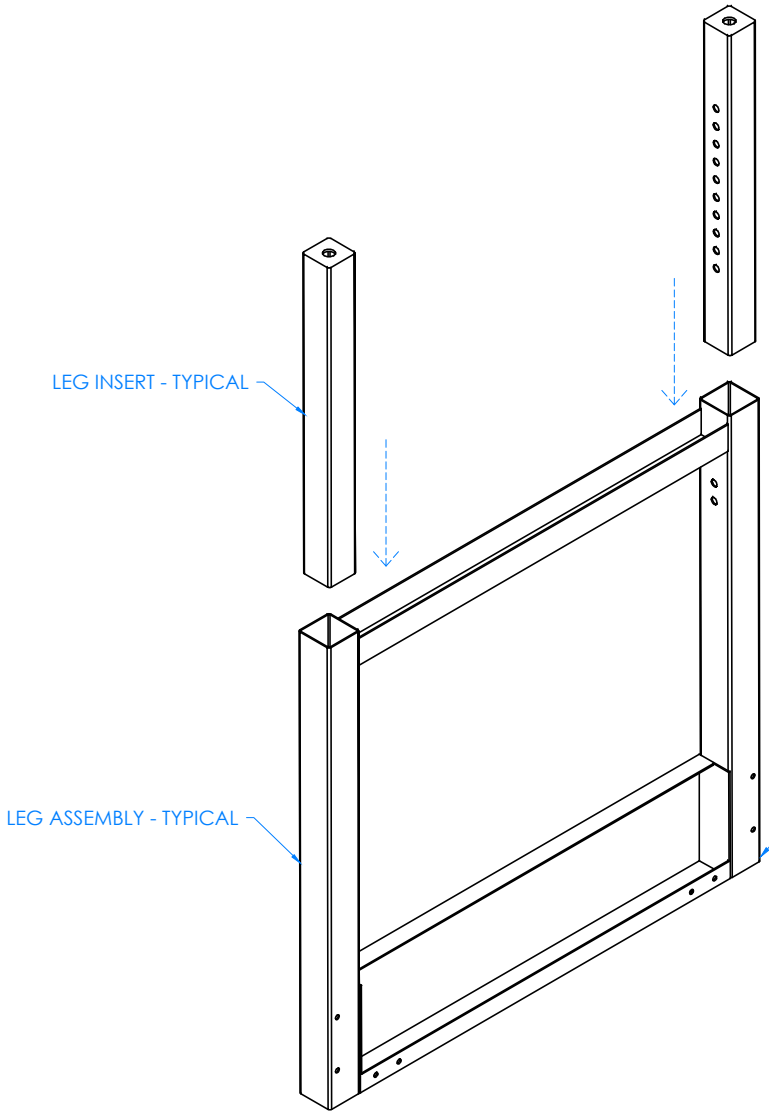
ASSEMBLY COMPONENTS			
ITEMS INCLUDED	**PART #**	**PART DESCRIPTION**	**QTY**
TOP	VARIES	TOP, (STYLE, SIZE, AND THICKNESS VARIES)	1
LEG ASSEMBLY	VARIES	AMS TABLE LEG ASSY WITH INSERTS,GLIDES AND HARDWARE	1
TABLE COMPONENTS	VARIES	AMS TABLE COMPONENT BOX,60" APRON AND STRETCHER SET	1
SCREWS - TOP	100369	SCREW,#12.00X7/8 PHIL PAN HEAD SM	VARIES
HARDWARE BAG	255713	HARDWARE BAG, AMS TABLE	1
SHELF	VARIES	UTILITY TABLE SHELF, DWI STYLE (LENGTH VARIES)	1
CASTERS	253996	UTILITY TABLE CASTERS	4
SILICONE	100711	SILICONE,SEALANT,CLEAR	2

BREAKDOWN OF HARDWARE BAG

HARDWARE BAG - 255713
QTY (8) - 3/8-16 X 1 BOLT WITH 3/8 STAR WASHER
QTY (12) - 1/4-20 X 1 BOLT WITH 1/4 FLAT WASHER AND 1/4 STAR WASHER
QTY (4) - 8-18 X 5/8 SCREW FOR BRACE
QTY (20) - #12 X 7/8 PHIL PAN HEAD SM (DWI # 100369)

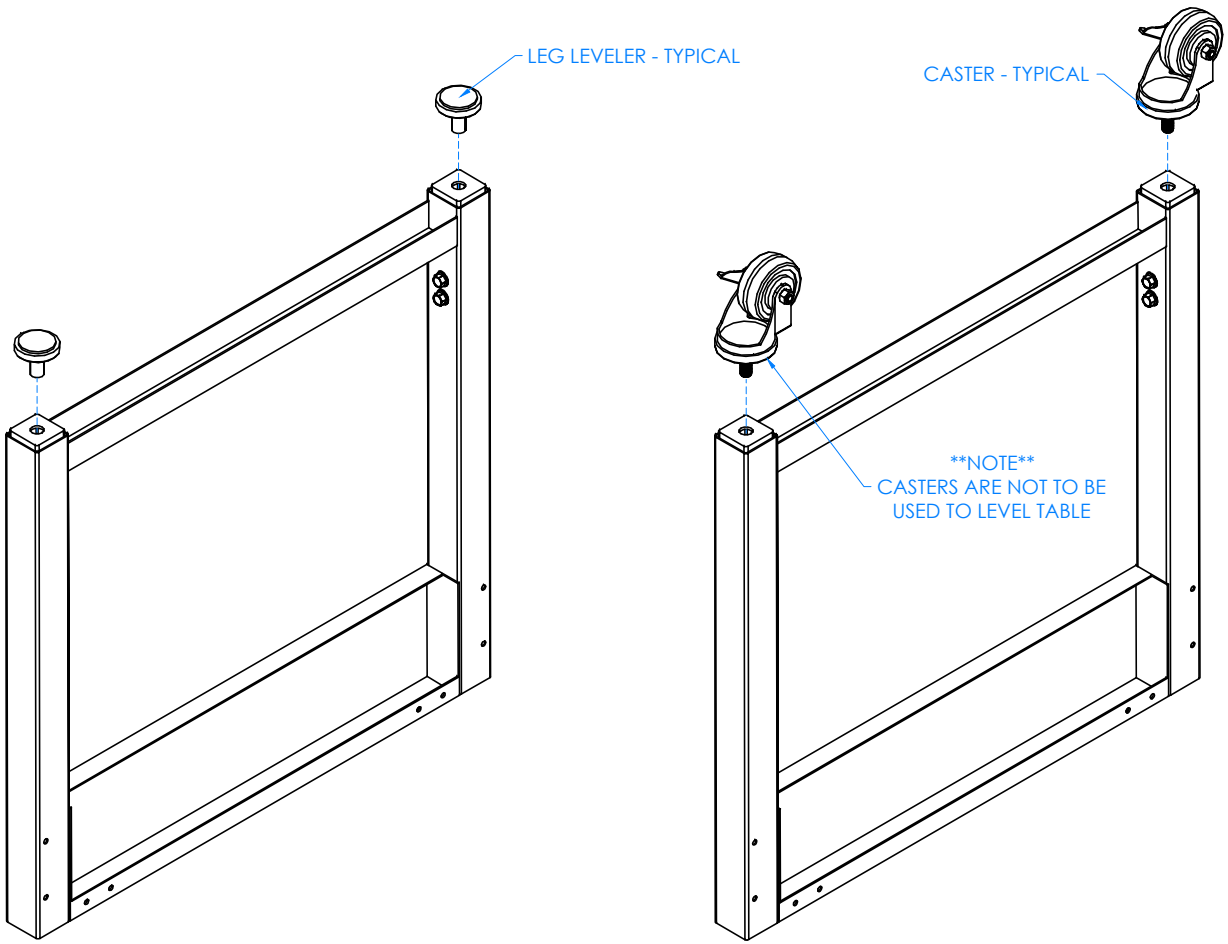
NOTE:

1. COMPONENTS VARY WITH STYLE OF TABLE PURCHASED.
   - 1.1. FRAME COLORS:
     - 1.1.1. BLACK, WHITE, CARROT, LIME, AQUA, SILVER, LIGHT GREY, OR DARK GREY.
   - 1.2. TOP SELECTIONS:
     - 1.2.1. BLACK PLASTIC LAMINATE, CHEMGUARD, PHENOLIC, 1¾" MAPLE, EPOXY, SHOPTOP, OR COLORED PLASTIC LAMINATE.
   - 1.3. SIZES OF TABLE:
     - 1.3.1. WIDTH = 60", 72", & 96"; DEPTH = 30", & 36".
2. **XX** INDICATES ITEMS THAT MAY NOT COME WITH UNIT (DEPENDING ON MODEL PURCHASED).



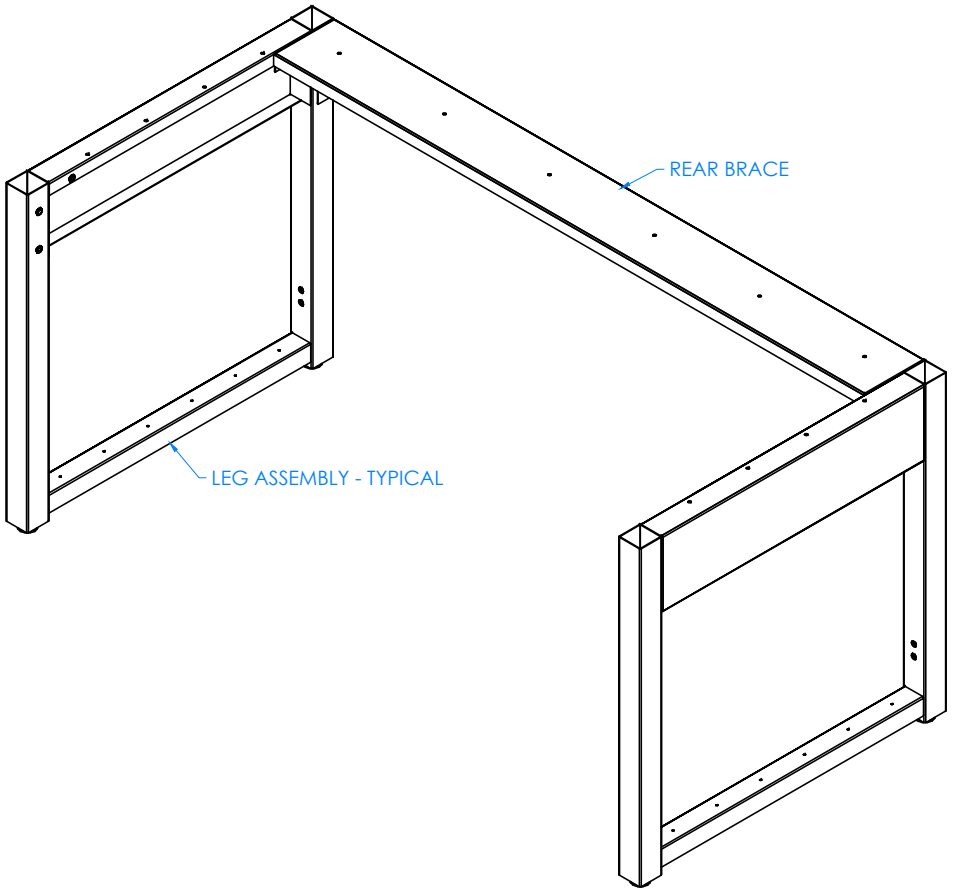
STEP 1:

- PLACE LEG INSERTS INTO LEG ASSEMBLY.
- RAISE INSERTS TO DESIRED HEIGHT AND ATTACH TO LEG ASSEMBLY WITH HARDWARE PROVIDED.
- REPEAT FOR OTHER LEG ASSEMBLY.



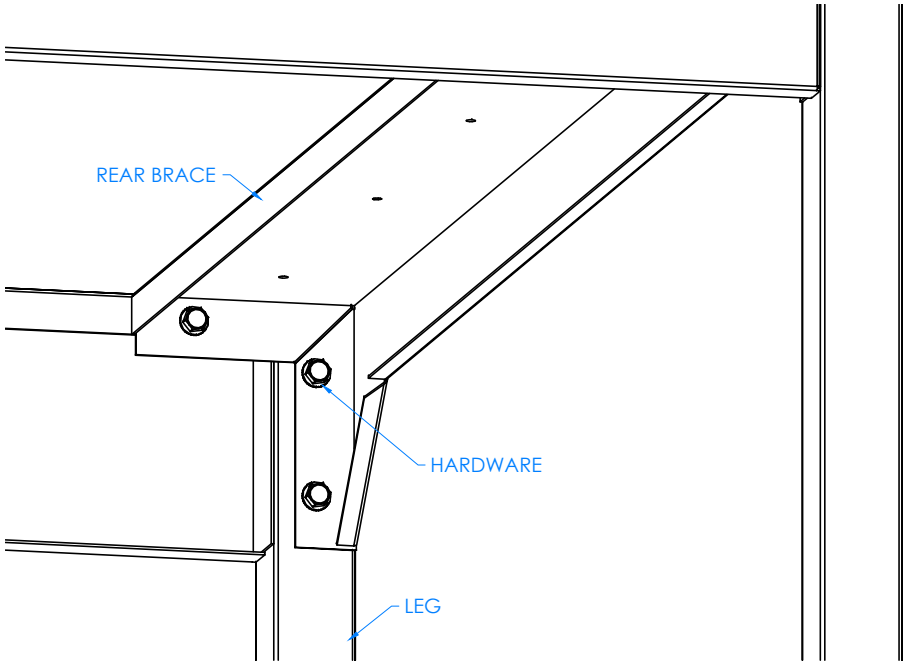
STEP 2:

- ATTACH EITHER LEG LEVELERS OR CASTERS TO THE BOTTOM OF EACH LEG INSERT.
- MAKE SURE STEM ON CASTERS ARE THREADED ALL THE WAY AND ARE FULLY TIGHTENED.
- CASTERS ARE NOT TO BE USED TO LEVEL TABLE!

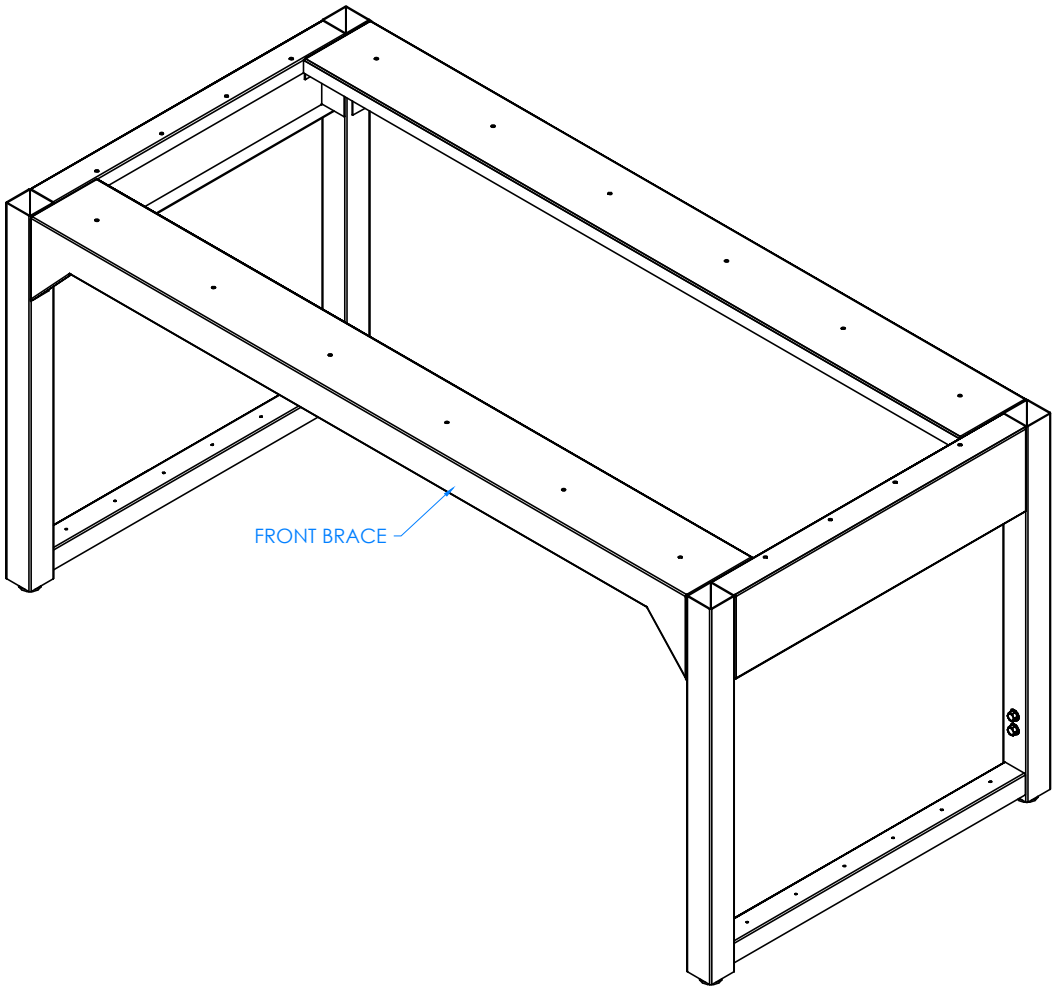


STEP 3:

- USING A ½" WRENCH OR ½" SOCKET AND TORQUE WRENCH, ATTACH REAR BRACE TO LEGS WITH HARDWARE PROVIDED.
- TIGHTEN NUTS TO A MINIMUM OF 12FT LBS BUT NOT TO EXCEED 17FT LBS .



UNDERSIDE OF TABLE SHOWN FOR CLARITY
(REAR BRACE ASSEMBLY)

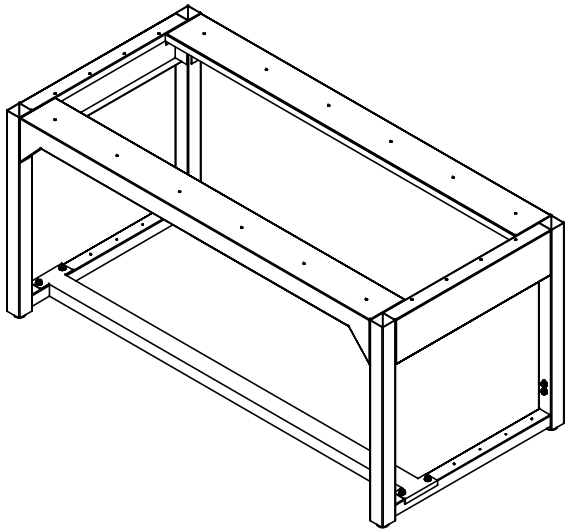


STEP 4:

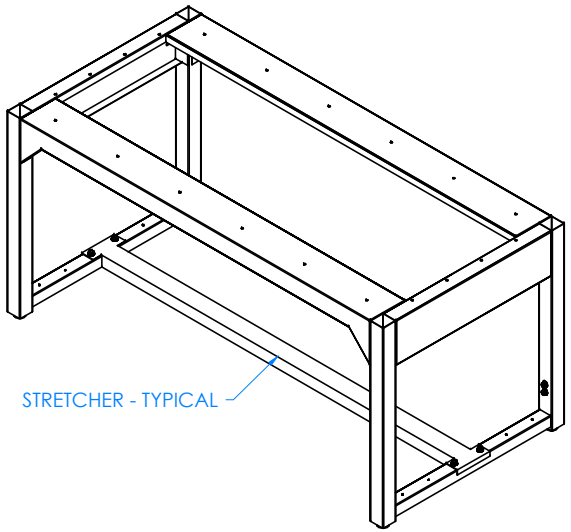
- REPEAT STEP 3 FOR FRONT BRACE.

STEP 5:

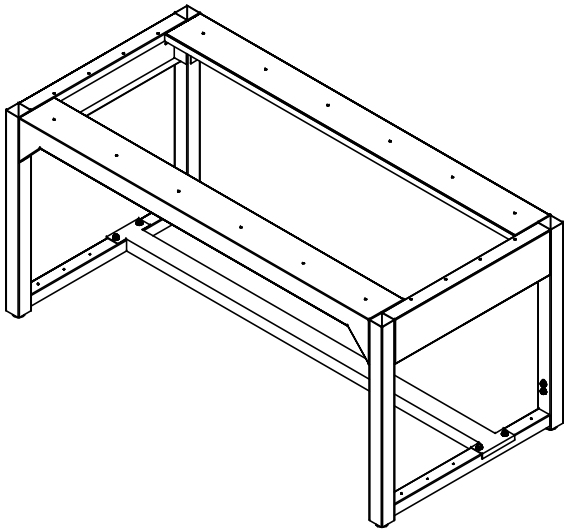
- USING A ½" WRENCH OR ½" SOCKET AND TORQUE WRENCH, ATTACH STRETCHER TO BOTH LEG ASSEMBLIES.
- STRETCHER CAN BE PLACED IN FRONT, CENTER, OR REAR OF THE DEPTH OF TABLE (SEE IMAGES BELOW).
- TIGHTEN NUTS TO A MINIMUM OF 12FT LBS BUT NOT TO EXCEED 17FT LBS .



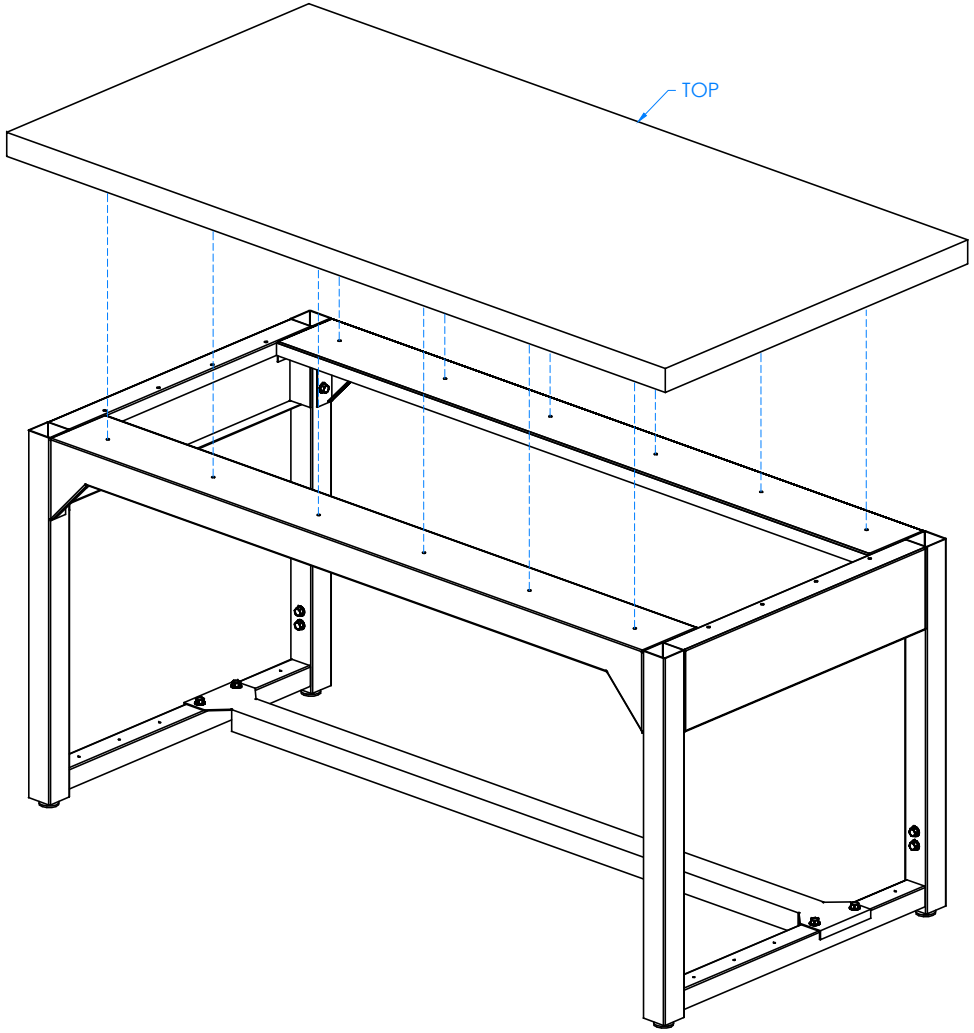
STRETCHER MOUNTED IN FRONT OF TABLE



STRETCHER MOUNTED IN MIDDLE OF TABLE



STRETCHER MOUNTED IN BACK OF TABLE

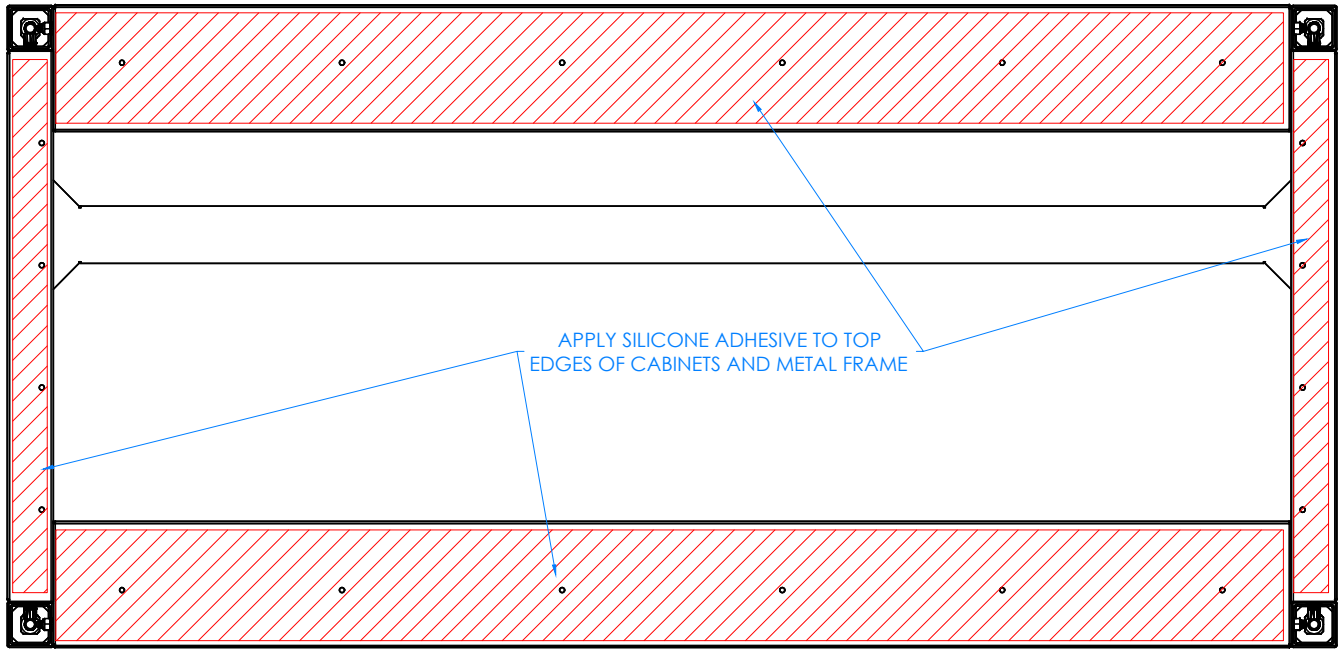


STEP 6:

- IF YOU HAVE AN EPOXY OR PHENOLIC TOP, SKIP TO STEP 7.
- PLACE TOP ONTO STEEL FRAME WITH PROPER OVERHANG (CENTERED ON TABLE).
- USING A 3/16" DRILL BIT, PRE-DRILL HOLES INTO TOP 7/8" FROM THE SLOTS ON EACH STEEL BRACE TO PREVENT CRACKING.
- SCREW TOP ONTO STEEL FRAME WITH HARDWARE PROVIDED.
- PLEASE MEASURE PROPER DEPTH!
- MAKE SURE SCREWS ARE ON TIGHT AND TOP IS SECURE.
- SPACE SCREWS ACCORDINGLY PER QUANTITY SUPPLIED!

STEP 7:

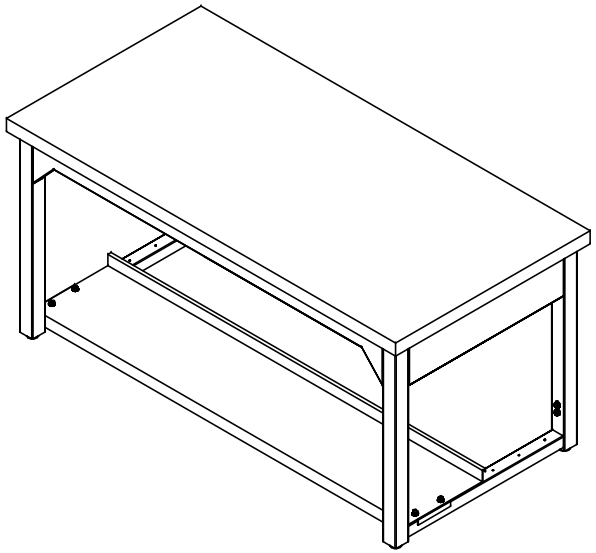
- IF YOU DO *NOT* HAVE AN EPOXY OR PHENOLIC TOP, SKIP TO STEP 8.
- APPLY SILICONE ADHESIVE TO TOP EDGES OF METAL FRAME.
- PLACE TOP ON METAL FRAME WITH PROPER OVERHANG (CENTERED ON WORKSTATION).
- CLAMP ON TOP TO METAL FRAME TO REMOVE ANY WARP USING SHIMS AND C-CLAMPS, IF NEEDED, WHEN ALIGNING THE TOP (DO THIS BEFORE ADHESIVE SETS UP).
- LET CURE FOR 6-12 HOURS.



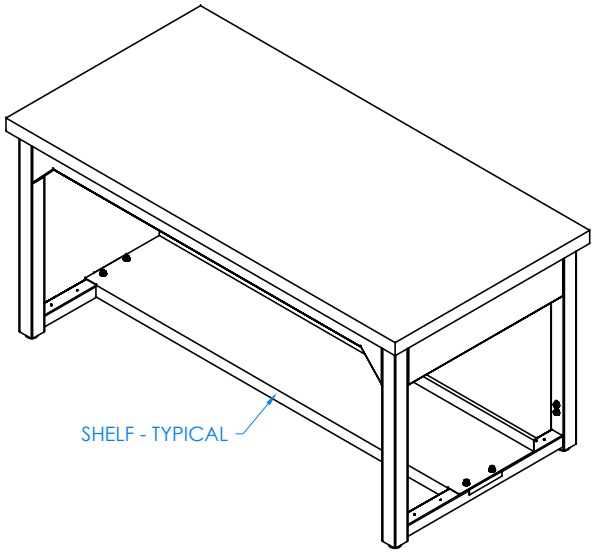
TOP VIEW OF WORKSTATION SHOWN

STEP 8:

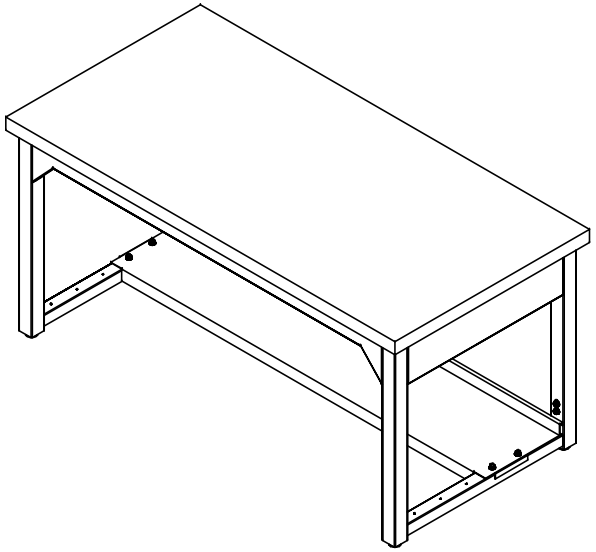
- IF YOUR UNIT HAS A SHELF, PLACE SHELF OVER STRETCHER AND ATTACH TO LEGS WITH HARDWARE PROVIDED.



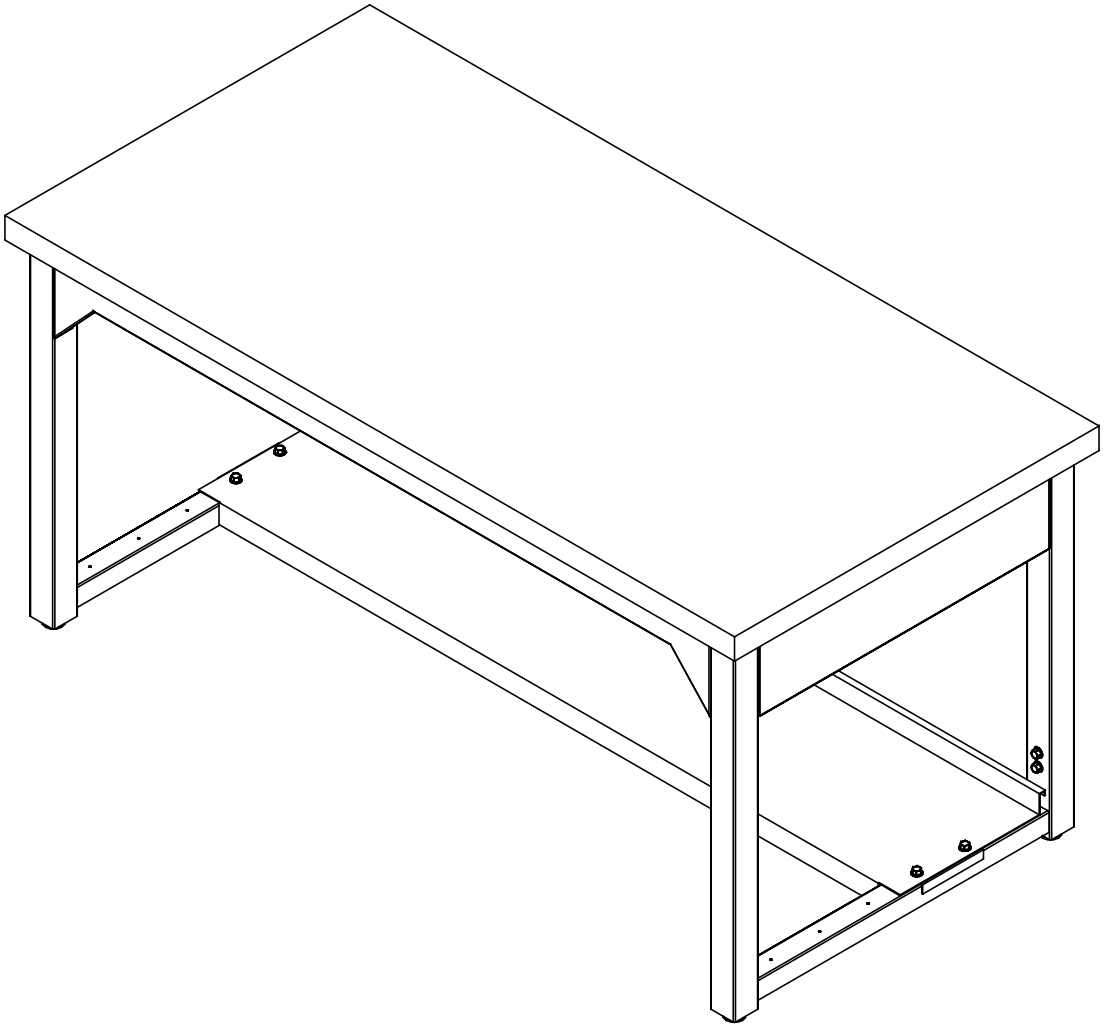
SHELF MOUNTED IN FRONT OF TABLE



SHELF MOUNTED IN MIDDLE OF TABLE



SHELF MOUNTED IN BACK OF TABLE



STEP 9:

- IF YOU HAVE LEG LEVELERS, ADJUST THEM TO LEVEL TABLE.
- PLACE TABLE IN DESIRED LOCATION.

PRODUCT

Butcher Block (Varnished Tops) *Maintenance & Repair*

SPILLS

- Be sure any spills are cleaned up immediately. Excessive moisture and certain chemicals allowed to stand on a finished surface can cause damage.
- Clean spills or soiled areas with a damp cloth and dry thoroughly.
- Periodically, apply a coat of spray wax, paste wax, or lemon oil to finished surface. This will enhance and protect the finish and insure a moisture barrier is intact in the event the finish becomes scratched or worn.

SCRATCHES & DENTS

- Minor scratches and dents can be easily repaired by rubbing the affected area with steel wool or fine grit (#220) sandpaper. Remember, when rubbing or sanding always sand with the grain of the wood. Feather edges of repair in to the surrounding area. Remove all dust and residue and apply a coat of clear lacquer type finish or paint. Clear lacquer type finish can be purchased at most paint or hardware stores. Small cans of touch-up paint are available form your dealer or representative. Paint colors can easily be matched at most paint stores. Confine touch-up only to the area that was sanded. Remember, follow manufacturing directions on product label when refinishing.
- Major scratches and gouges where large portions of wood have been removed or damaged should be handled by a professional experienced in furniture repair with the proper tools and equipment.

MINERAL STREAKS

- Mineral Streaks–Natural Coloring of wood due to mineral deposits in the tree. Repair is not required and will add to the individuality of your table. Sizes can range up to a 1/4" wide and up to 3" in length.

HUMIDITY GUIDELINES

Your Butcher Block was kiln-dried to an initial moisture content of 7.6%. In order to maintain the beauty and integrity of your Butcher Block, it is recommended that special care be taken to keep the relative humidity and temperature within your home or warehouse in the highlighted range. This will limit the amount of expansion and contraction in your natural wood product and minimize the risk of environmental damage.

- **Environment Acclimation:** Environmental damage does not constitute defective product. Allowing your Butcher Block to acclimate to the environment for at least 72 hours prior to Installation, following recommended installation practices that allow your Butcher Block to move with the conditions and controlling the environment itself are all key factors that determine the life of your product.
- **Temperature Changes:** It is important to note that as winter temperatures drop, so does relative humidity in the air. The heaters come on which further dries the air. Keeping the area humidified to an acceptable level usually becomes necessary during the winter months. The opposite is true in spring and summer as humidity rises, dehumidifiers and air conditioners become the method of control.

TEMPERATURE (°F)	RELATIVE HUMIDITY %																	
	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
30	1.4	2.6	3.7	4.6	5.5	6.3	7.1	7.8	8.7	9.5	10.4	11.3	12.4	13.5	14.9	17	18.5	21
40	1.4	2.6	3.7	4.6	5.5	6.3	7.1	7.8	8.7	9.5	10.4	11.3	12.4	13.5	14.9	17	18.5	21
50	1.4	2.6	3.6	4.6	5.5	6.3	7.1	7.9	8.7	9.5	10.3	11.2	12.3	13.4	14.8	16	18.4	20.9
60	1.3	2.5	3.6	4.6	5.4	6.2	7	7.8	8.6	9.4	10.2	11.1	12.1	13.3	14.6	16	18.2	20.7
70	1.3	2.5	3.5	4.5	5.4	6.2	6.9	7.7	8.5	9.2	10.1	11	12	13.1	14.4	16	17.9	20.5
80	1.3	2.4	3.5	4.4	5.3	6.1	6.8	7.6	8.3	9.1	9.9	10.8	11.7	12.9	14.2	16	17.7	20.2
90	1.2	2.3	3.4	4.3	5.1	5.9	6.7	7.4	8.1	8.9	9.7	10.5	11.85	12.6	13.9	15	17.3	19.8
100	1.2	2.3	3.3	4.2	5	5.8	6.5	7.2	7.9	8.7	9.5	10.3	11.2	12.3	13.6	15	17	19.5

Example: If conditions in a warehouse are 60% relative humidity at 50 degrees. Fahrenheit Dry wood will pick up moisture until 11.2% is reached, regardless of wood species and initial moisture content.