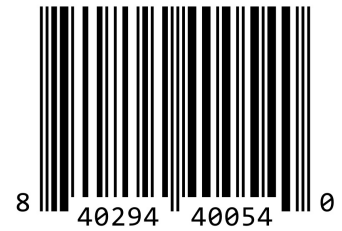




T-LOC  
3525-14W



## Tools Needed

Measuring tape	Impact driver	Drill
Laser level (optional)	T30 torx drive bit	1/8" drill bit
Level	1/2" drive socket	1/4" drill bit
Stud finder	#1 square drive bit	1/2" wrench
Pencil		

## Parts Included

[2] Shelf bracket arms	[2] 1.5" self-tapping trim screws
[2] Base plates	[2] 1" self-tapping trim screws
[2] Double headed lags	[1] 5/32" drill bit
[4] 4" structural screws	

## Installation Instructions

**Step 1:** Using a level or laser level as a guide, draw a horizontal line on the selected wall or area at the desired installation height taking into account the thickness of the bench/desk. The line must be as long as the bench/desk that's being installed.

**Step 2:** Use a stud finder to find wall studs to mount the brackets on within the length of the horizontal line. Use a pencil to draw a vertical line in the center of each stud up 1" from the horizontal line.

**Step 3:** Place the provided adhesive mounting template on the wall where the bracket will be fastened. The top edge of the template should be on the horizontal line and the vertical center line should match the vertical line on the wall.

**Step 4:** Pre-drill the bottom hole using a drill and a 1/4" bit, drilling through the center of the bottom dot on the mounting template. Drill approximately 3" deep (the hole must be as level as possible).

**Step 5:** Drive the double headed lag into the lower hole using an impact and a 1/2" drive socket leaving approximately 1/4" gap between the lag head and the wall.

**Step 6:** Slip the base plate onto the double headed lag. Hold it so the top is parallel with the top of the template. Fasten the plate to the wall by using an impact and a T30 bit to drive the 4" structural screw through the upper hole of the plate (this hole may be pre-drilled with a 1/8" drill bit if desired). *Note: Do not insert the center structural screw at this point.*

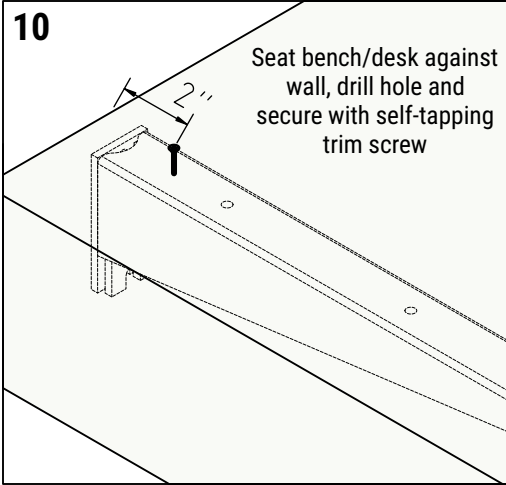
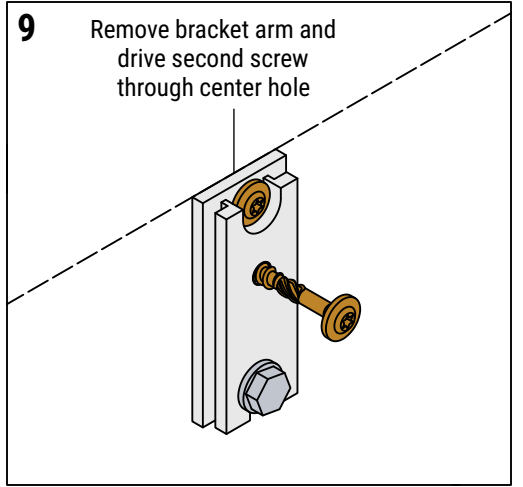
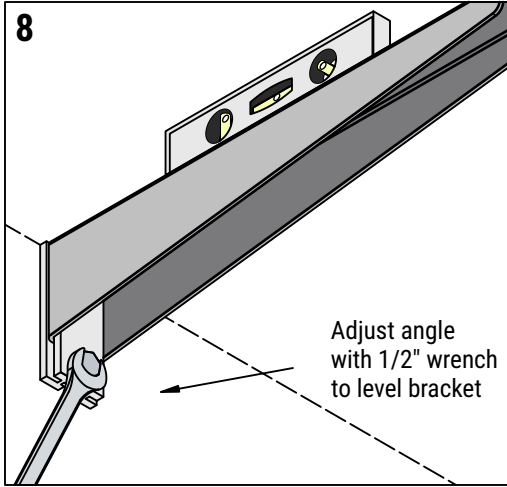
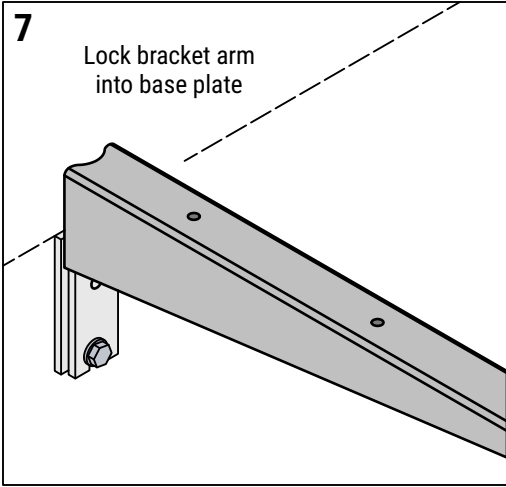
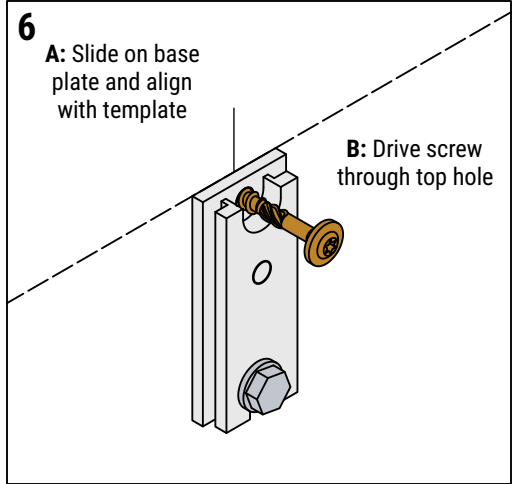
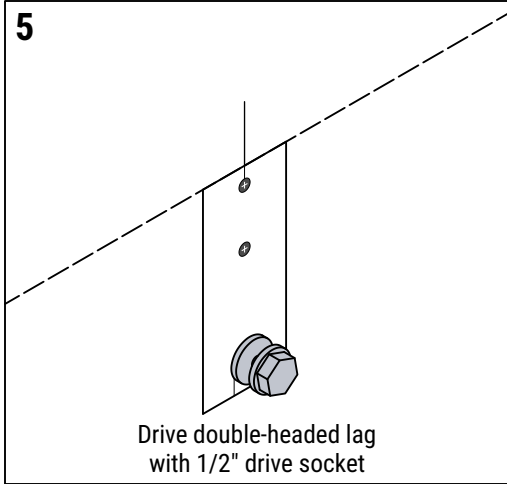
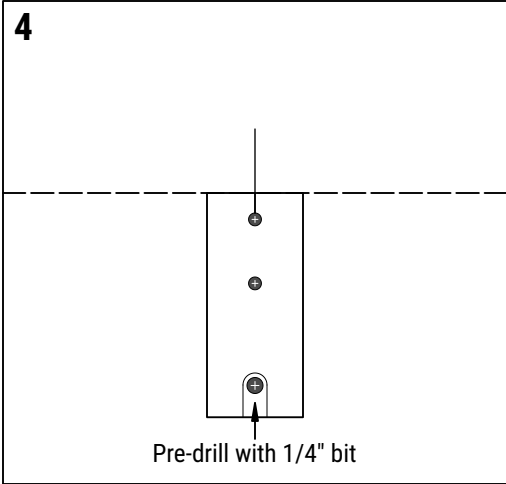
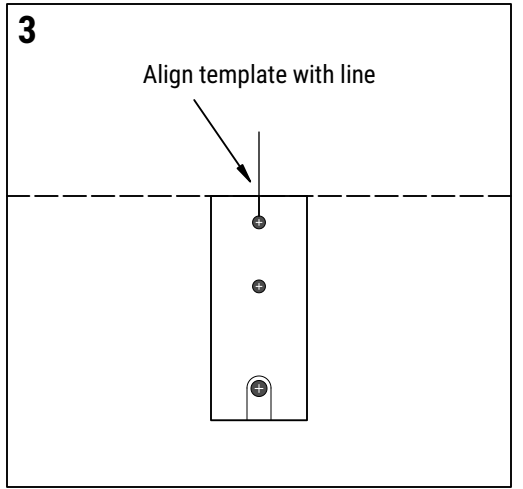
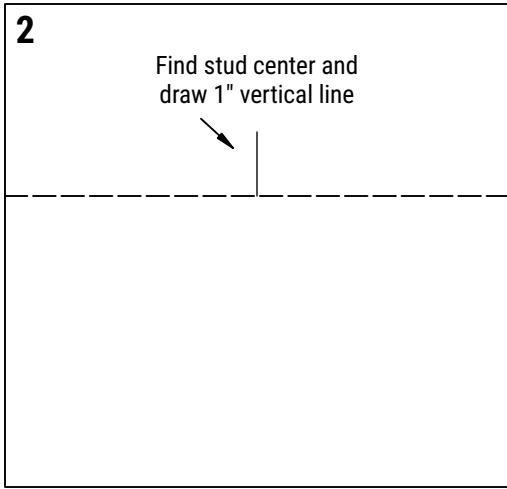
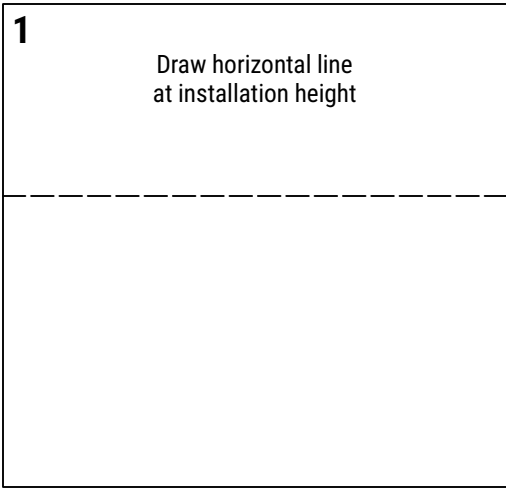
**Step 7:** Lock the shelf bracket arm into the base plate.

**Step 8:** To level the bracket, place a level on top to the bracket arm and, using a 1/2" wrench, rotate the double headed lag clockwise or counter-clockwise. Make sure to level the brackets with each other.

**Repeat steps 4-8 for each bracket.**

**Step 9:** Once the brackets are level, remove the arms and drive the second 4" structural screw into the center hole. Do not overtighten.

**Step 10:** Slide the bench/desk onto the shelf brackets and push it firmly against the wall. Measure 2" out from the lines drawn in step 2 and use a drill with a 5/32" bit to drill to, but not through, the brackets. Use an impact with a #1 square drive bit to drive a 1" self-tapping screw (for shelves with 1/2" top thickness) or a 1.5" self-tapping screw (for shelves with more than 1/2" top thickness) through each hole and into the brackets to secure the bench/desk to the wall.



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