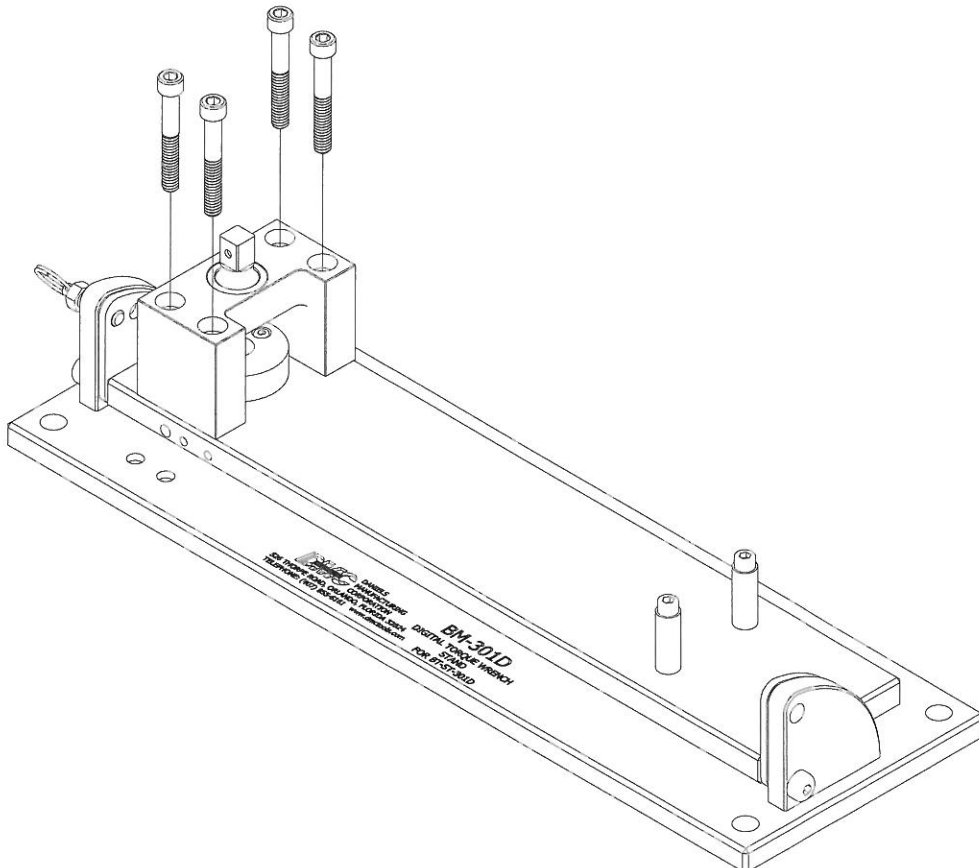


SEE PAGE 8 FOR IMPORTANT INFORMATION CONCERNING LIMITED WARRANTY, AND LIMITATION OF LIABILITY.

The BM-301D Digital Torque Wrench Bench Mount allows the Digital Torque Wrench (BT-ST-301D) to be used in applications that require a bench mounted torque readout. In this application the BT-ST-301D is held fixed and acts as a meter while another tool is used to apply torque. The BM-301D can be easily configured by the user in either a horizontal or vertical mode to conform to user preference and space requirements (see Configuration 1 & 2 illustrations on following page).

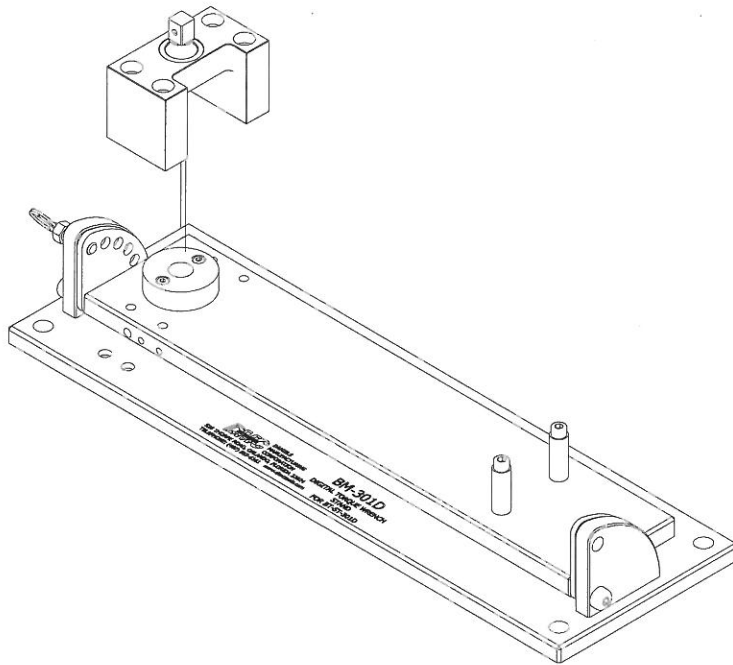
Proper Loading of Digital Torque Wrench into BM-301D bench mount:

1. Remove 4 Socket Head Cap Screws from ratchet side mount



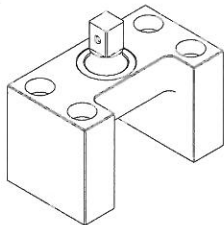
Proper Loading of Digital Torque Wrench into BM-301D bench mount (con't):

2. Remove ratchet side mount

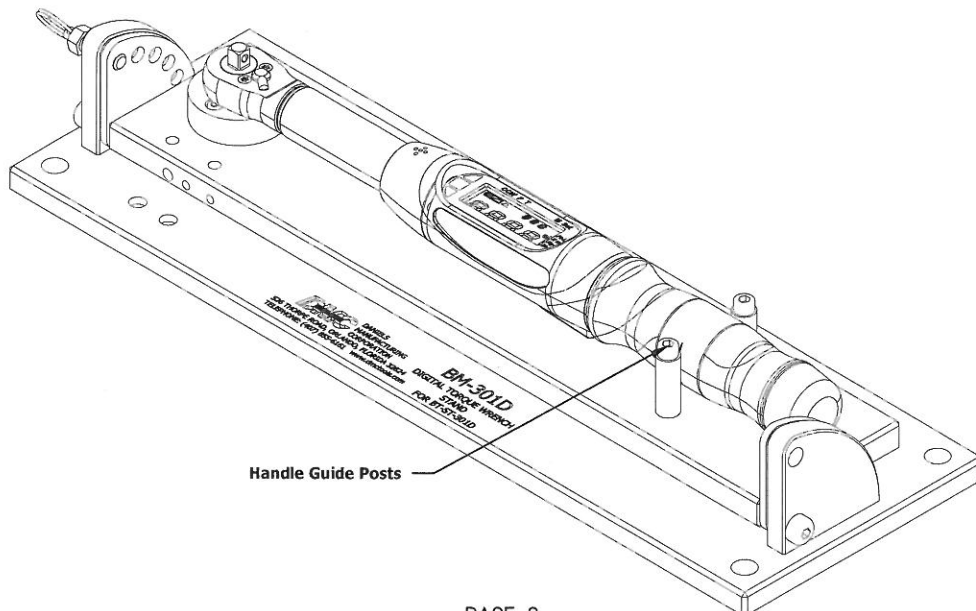


3. Place Digital Torque Wrench on baseplate, with bottom drive in head support block.

need to be loosened

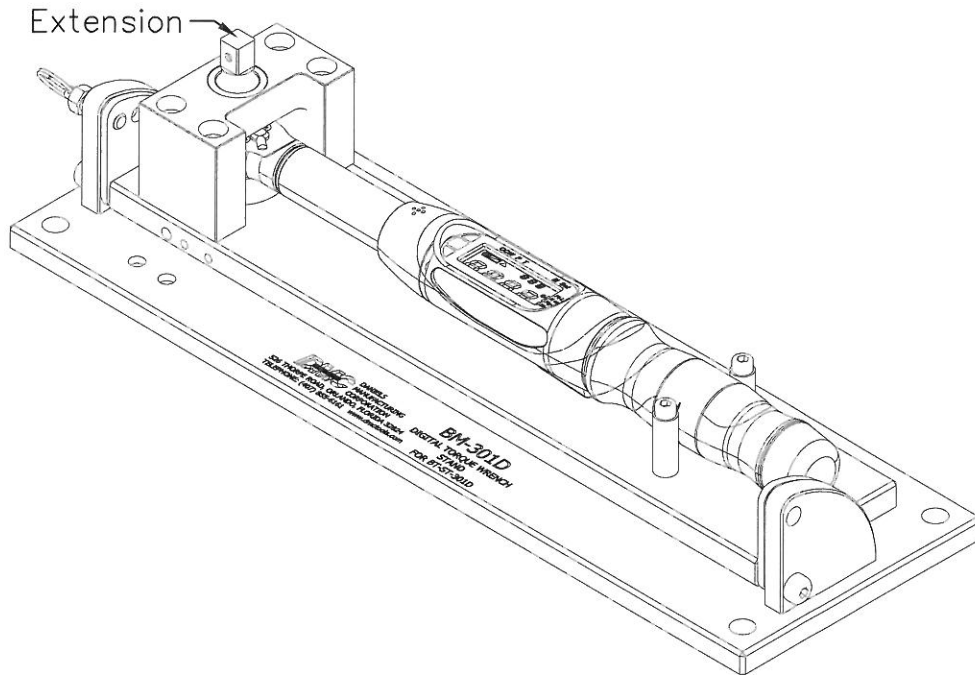


Torque Wrench handle guide posts may need to be loosened to allow handle to fit.

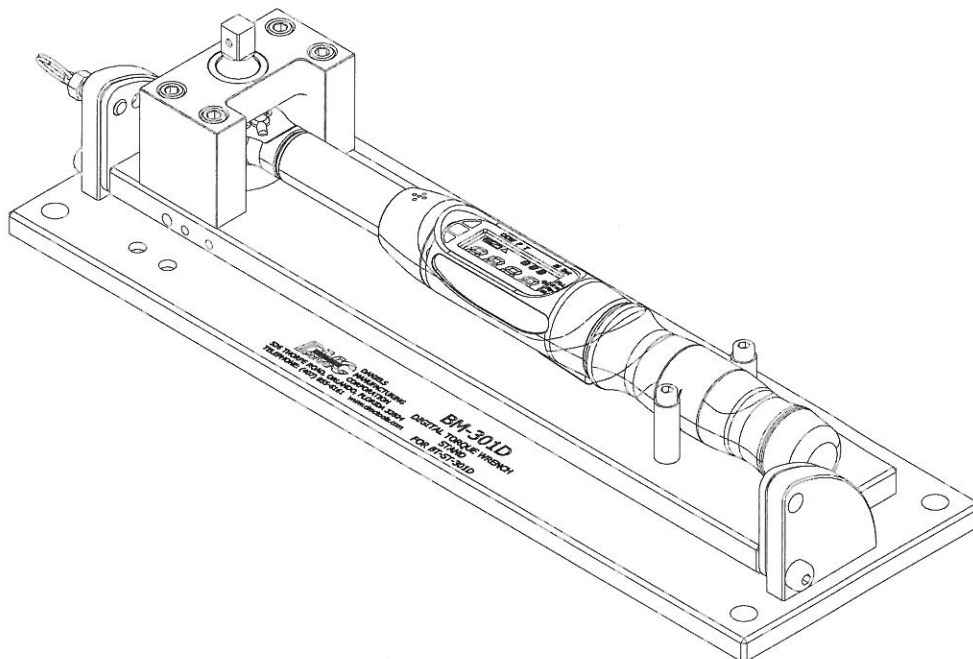


Proper Loading of Digital Torque Wrench into BM-301D bench mount (con't):

4. Snap square drive in extension onto torque wrench square drive and place ratchet side mount back onto plate. Caution: Extension is a loose piece and must be snapped onto torque wrench.



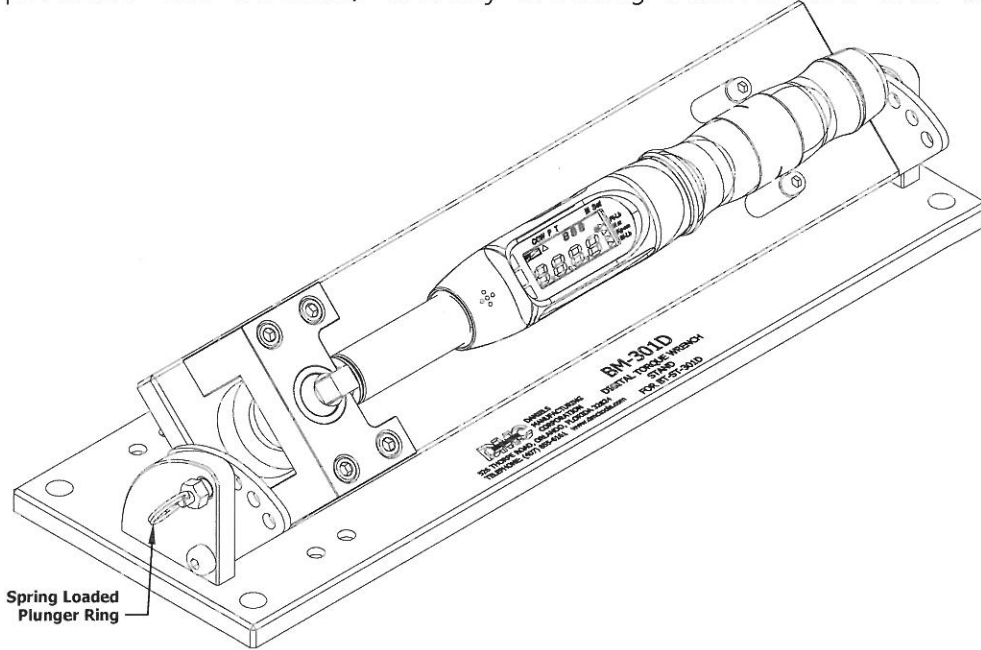
5. Replace 4 socket head cap screws and tighten until snug. If handle guide posts were loosened, snug posts to handle and tighten screws.



6. The BM-301D is now ready to be used.

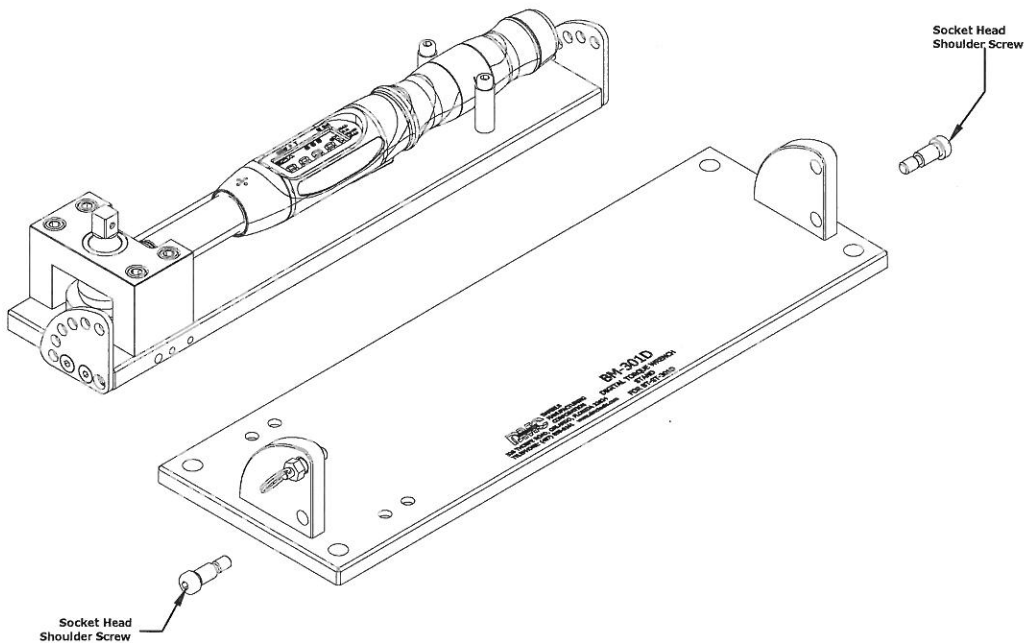
Rotating the BM-301D bench mount:

1. Pull Spring Loaded Plunger Ring and rotate Plate to desired location, each increment is 15 degrees. Release Spring Loaded Plunger Ring and ensure it fully locks into position hole. NOTE: Spring Loader Plunger can be installed in either Positioning Mount by simply unscrewing it and reinstalling it into the other mount taking care that it is not screwed down too far as to protrude the threads, thereby creating interference with the locking plate.



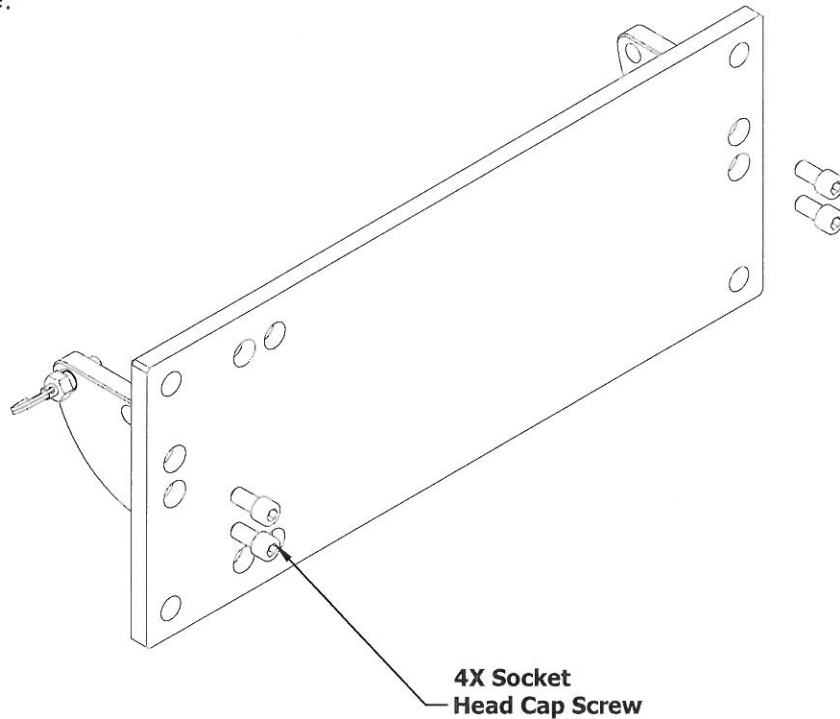
Reconfiguring stand from Horizontal to Vertical:

1. Unscrew and Remove 2 Socket Head Shoulder Screws and move plate /wrench assembly aside as shown

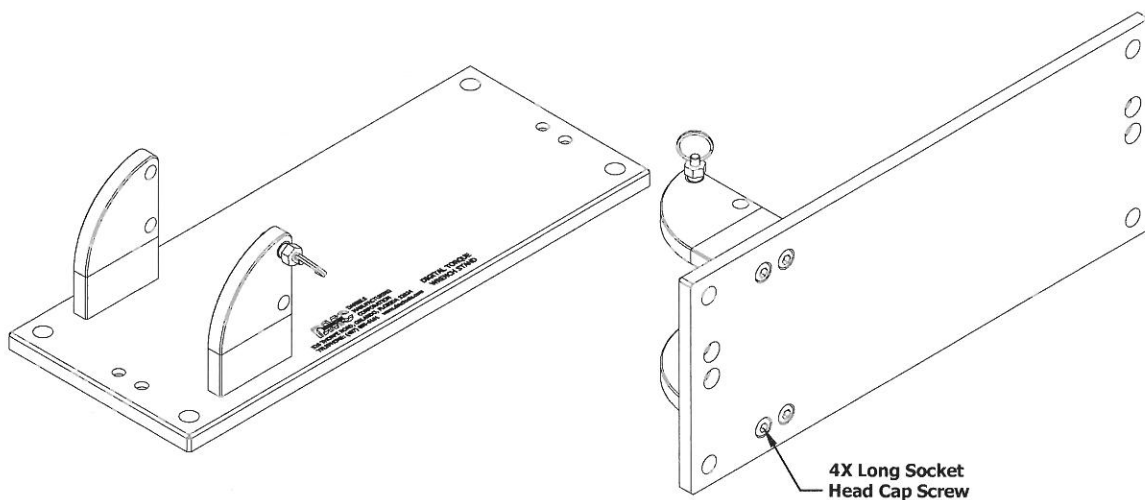


Reconfiguring stand from Horizontal to Vertical (con't):

2. Unscrew and Remove 4 Socket Head Cap Screws on bottom of base plate.

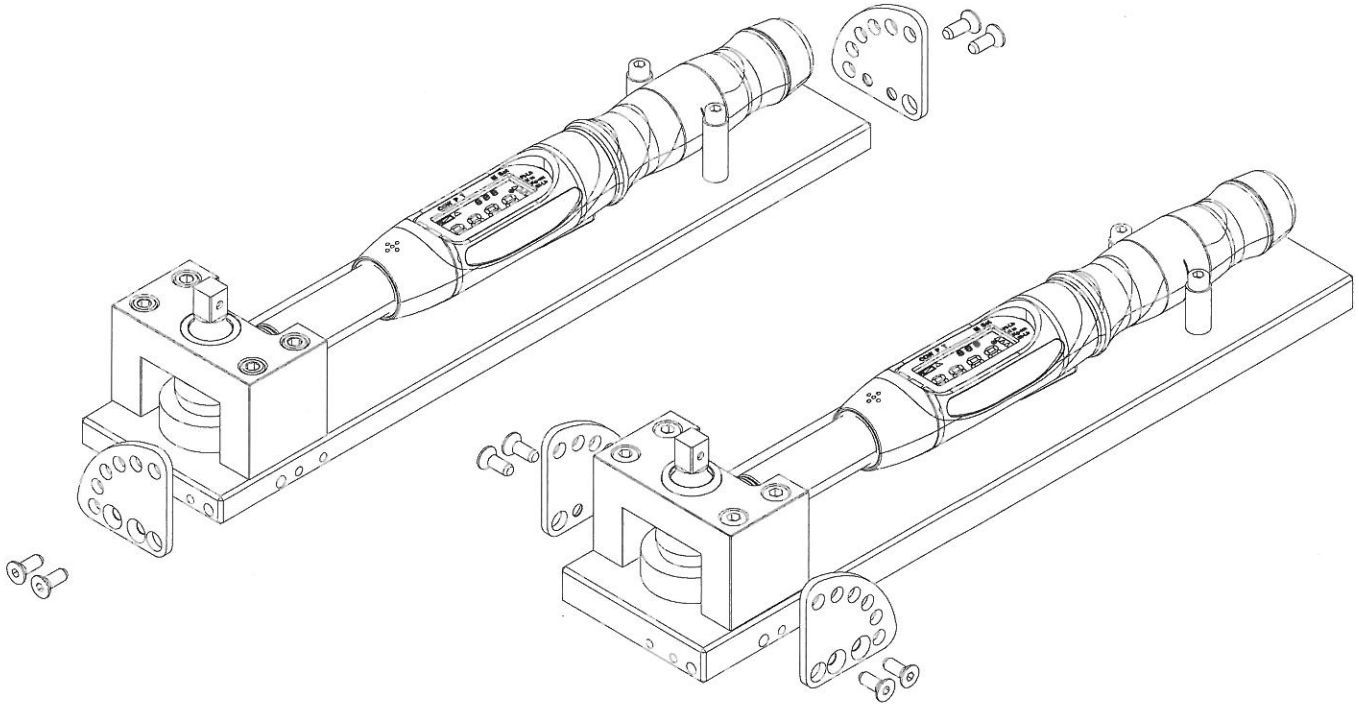


3. Move Positioning Mounts to Vertical Hole Locations, Insert Spacer Blocks (from supplemental bag in shipment) under Positioning Mounts, and Loosely Install 4 Long Socket Head Cap Screws (from supplemental bag in shipment)

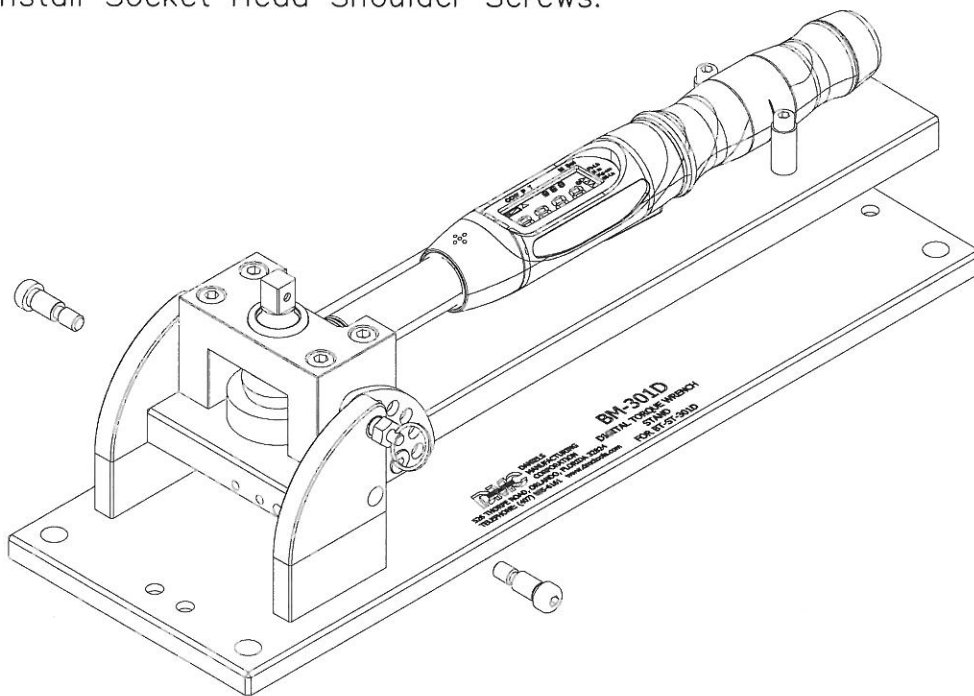


Reconfiguring stand from Horizontal to Vertical (con't):

4. Remove 4 Flat Head Screws and Locator Plates from Plate/Wrench Assembly, and Reinstall into Vertical Hole Locations

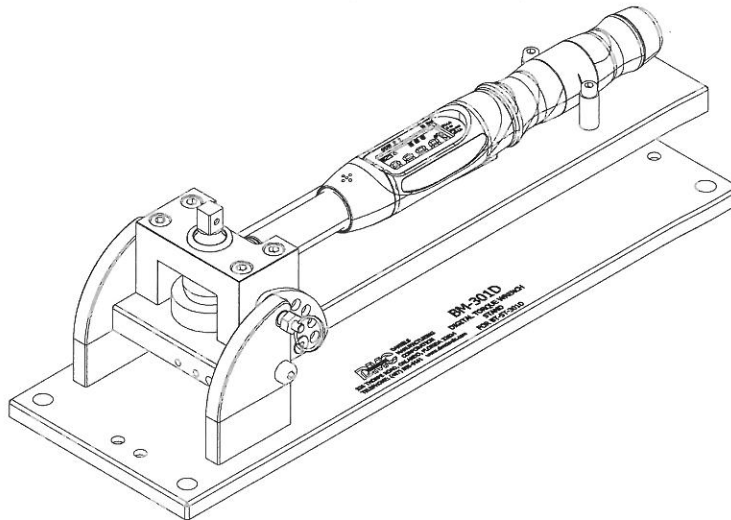


5. Reinstall Plate/Wrench Assembly between Positioning Mounts on Base Plate and Reinstall Socket Head Shoulder Screws.

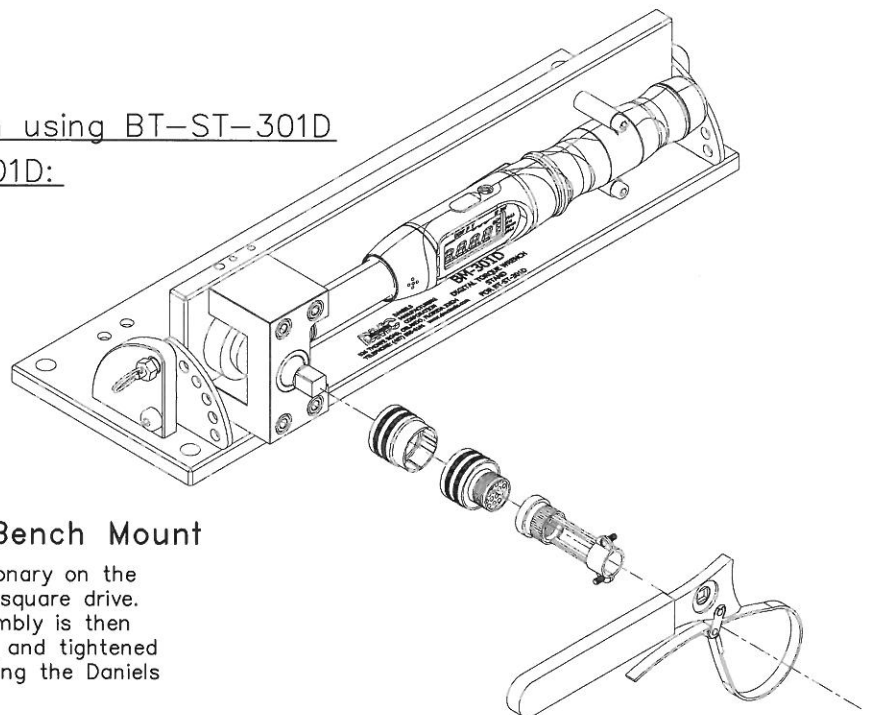


Reconfiguring stand from Horizontal to Vertical (con't):

6. Rotate Plate/Wrench Assembly to verify smooth operation, if binding occurs, loosen Long Socket Head Cap Screws on bottom of base plate, push spacer blocks/positioning mounts toward outside of plate to allow additional clearance and tighten screws and check operation again. The BM-301D is now ready to be used in a Vertical Configuration. To convert back to Horizontal, work backwards through the steps outlined above.



7. Application Examples when using BT-ST-301D in conjunction with BM-301D:



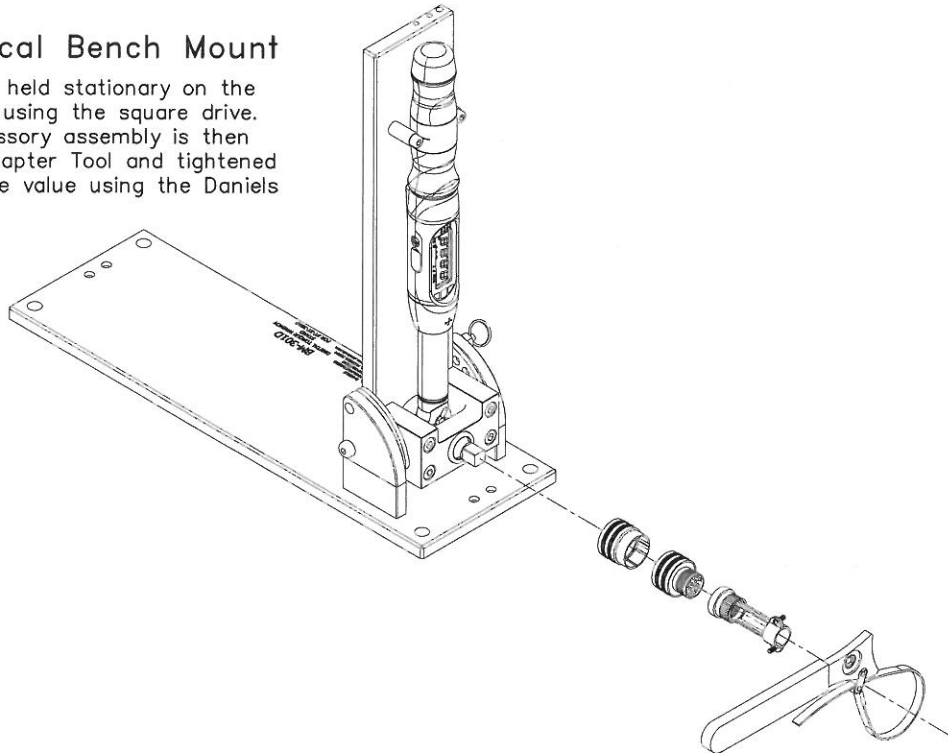
Configuration 1: Horizontal Bench Mount

The Adapter Tool is held stationary on the Bench Mount Stand using the square drive. The connector/accessory assembly is then inserted into the Adapter Tool and tightened to a specified torque value using the Daniels Strap Wrench.

Application Examples when using BT-ST-301D in conjunction with BM-301D:

Configuration 2: Vertical Bench Mount

The Adapter Tool is held stationary on the Bench Mount Stand using the square drive. The connector/accessory assembly is then inserted into the Adapter Tool and tightened to a specified torque value using the Daniels Strap Wrench.



Daniels Manufacturing Corporation offers complete refurbishing and recalibration services. DMC specially engineers and manufactures complete tool kits to satisfy individual customer requirements, such as total aircraft support, general shop maintenance or production, on board ship and vehicle service, etc.

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