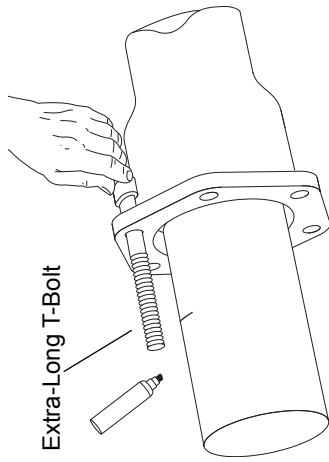


ASSEMBLY INSTRUCTIONS for 4" - 12" SERIES 1300-x-DWB and SERIES 1309-x WITH MECHANICAL JOINT FITTINGS

Refer to the FMB website (<http://www.fordmeterbox.com>) for additional and most recent instructions and product information.

Standard restraint practice for C900/C909 PVC/PVCO pipe or Ductile Iron pipe to mechanical joint fittings.

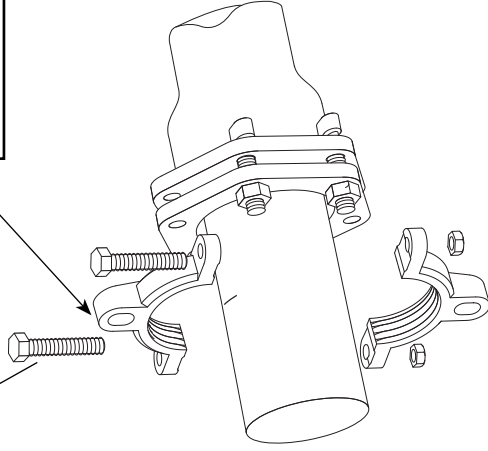


1. Insert pipe into mechanical joint bell. Insert one of the extra-long T-Bolts (provided) through one of the flange holes, mark a line on the pipe approximately 1 inch shorter than the bolt length.

IMPORTANT

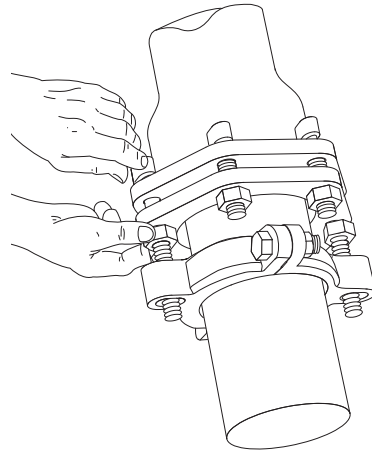
Note: Position the restraints so the nuts for the extra-long T-bolts contact the flat side of the ears on each restraint. The restraint will not function properly if installed incorrectly.

Clamping Bolt



2. Assemble the MJ gland, gasket and bolts to AWWA standards. Assemble the clamping ring onto the pipe even with line. (Make sure restrainer ears line up with bolt hole in MJ gland as shown). Tighten clamping bolts to recommended torque (see table below).

Recommended Clamping Bolt Torque	
PVC/PVCO	DIP
4" and 6"	100 ft-lb
8" and 10"	150 ft-lb
12"	200 ft-lb



3. Insert the extra-long T-Bolts provided, and install one nut each between the gland and clamping ring as shown.

4. Tighten nuts against MJ gland to AWWA standards (4"-12" 75-90 ft-lb.). Snug retaining nuts behind restrainer ears. **Do not over-tighten retaining nuts.**

Retaining Nut



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