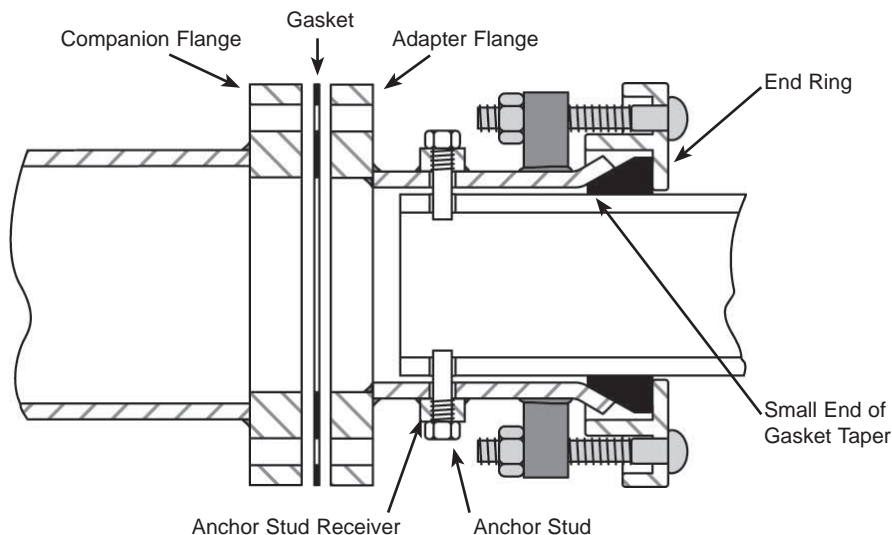


INSTALLATION INSTRUCTIONS FOR MODEL FCA FLANGED COUPLING ADAPTER WITH ANCHOR STUDS

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



FCA Type Coupling with Anchor Studs

1. Measure pipe diameter carefully, using a reliable outside diameter tape, making sure the pipe O.D. falls within the range of the flanged coupling adapter.
2. Prepare plain end pipe by cleaning a surface from the end of the pipe to a distance equal to the length of the adapter body plus 3 inches. Check pipe surface to ensure the gasket bearing surface is free from dents, flat spots or pitted areas that might impair gasket seating.
3. Begin assembly by placing the end ring onto the pipe end. (Be sure to remove all anchor studs from the adapter body prior to beginning assembly process.) Apply a non-petroleum based lubricant, suitable for potable water, to the gasket, gasket cavity, and the pipe end to enable proper gasket seating around the pipe and into the adapter. Place the gasket on the pipe with the small end of the gasket taper facing the pipe end.
4. Bolt the flange of the flanged coupling adapter to the companion flange using an appropriate gasket. Flange bolts should be tightened in an alternating pattern to evenly compress gasket.
5. Before assembling the coupling end of the flanged coupling adapter, be sure the gasket and gasket seating area inside the adapter body are free of all foreign material.
6. Insert the pipe end into the adapter body and bring the tapered gasket into place by sliding the end ring up to the adapter body. **Be sure to keep the pipe centered in the adapter body and end ring.**
7. Insert all end ring bolts and tighten nuts finger-tight. Evenly tighten bolts in an alternating pattern, being certain the end ring remains parallel to the flange and perpendicular to the centerline of the pipe. Complete tightening by using a torque wrench set at 60 - 70 ft. lbs. of torque.
8. Install a Schedule 40 standard 3/4" Iron Pipe Thread close nipple into the anchor stud receiver for use as a drill guide.
9. Use a 13/16" drill bit to drill through the drill guide and completely through the pipe wall. After drilling is complete remove the drill guide from the anchor stud receiver's threads.
10. Apply two wraps of Teflon tape or other suitable thread sealant to the anchor stud threads and install anchor stud securely into receiver threads a minimum of 3 full revolutions after hand-tight.
11. Repeat steps 8-10 for each additional anchor stud.
12. Recheck the torque on the bolts after pressurizing the line.

Note: Do not use anchor studs on pipe made of plastic, fiberglass, concrete or similarly non-metallic materials.



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