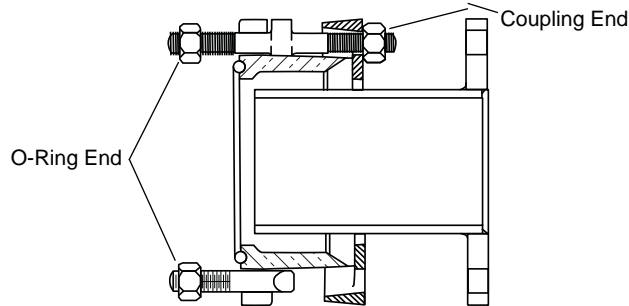


Ford Dismantling Joint - FDJ (FFCA Style 4" - 12") Installation Instructions

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

1. Remove nuts from cross bolts on o-ring end of assembly.
2. Retract nuts to full extent of cross bolts on coupling end of assembly.
3. Install o-ring end of compacted assembly first by slipping cross bolts into flanged end of pipeline and install nuts.
4. Place tee bolts into vacant bolt slots between cross bolts and install nuts. Evenly and alternately tighten all fasteners. (See chart and sketch for torque values).
5. Expand to mate slip pipe flange to flanged end of pipeline. Ensure that a proper flange gasket (not supplied) is in place between flanges.
6. Install flange bolts (not supplied) and tighten to manufacturers specifications.
7. Evenly and alternately tighten 5/8" cross bolts nuts on coupling flange end of assembly to 60-70 FT-LB.

| SIZE | O-RING END | | COUPLING END |
|---------|-----------------------|----------------------|----------------------|
| | Cross Bolts | T-Bolts | Cross Bolts |
| 4" FDJ | (5/8") 60-70 ft. lb. | (5/8") 60-70 ft. lb. | (5/8") 60-70 ft. lb. |
| 6" FDJ | (3/4") 75-90 ft. lb. | (3/4") 75-90 ft. lb. | (5/8") 60-70 ft. lb. |
| 8" FDJ | (3/4") 75-90 ft. lb. | N/A | (5/8") 60-70 ft. lb. |
| 10" FDJ | (7/8") 90-110 ft. lb. | N/A | (5/8") 60-70 ft. lb. |
| 12" FDJ | (7/8") 90-110 ft. lb. | N/A | (5/8") 60-70 ft. lb. |



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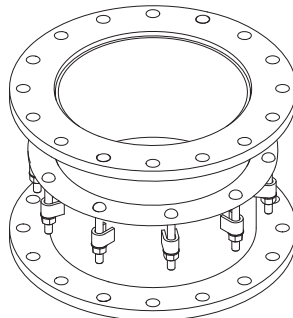
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Ford Dismantling Joint - FDJ (FFCA Style 14" - 36") Installation Instructions

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

1. Inspect all FDJ parts to ensure no damage has occurred during shipment. Verify the mating flanges to ensure they match the drilling of the FDJ. Verify the space requirements for the dismantling joint. The spool piece must remain inserted a minimum of 2 inches into the flange coupling body at final assembly.
2. Remove the tie-rods (if requested) and loosen the ending bolts to allow the FDJ to expand and contract freely.
3. Position the FDJ between the mating flanges. Insert flange gaskets (not provided) between the flange faces. Using flange bolts, connect the flange coupling body to the mating flange. Make sure to leave open the required amount of holes to accommodate the tie-rods. The tie-rods should be evenly spaced.
4. Expand the FDJ and attach to the opposite mating flange using flange bolts.
5. Insert the tie-rods into the holes left open when securing the flange. Make sure to thread one nut onto each end of the rod prior to inserting into the flanges. The rods must pass entirely through the flanges on each end. Tighten the nuts that secure the flange to the same torque as the flange nuts.
6. Tighten all end ring bolts finger tight. Evenly tighten bolts in an alternating pattern being certain the end ring remains parallel to the flange and perpendicular to the center line of the pipe. Complete tightening to 75 – 80 ft-lbs. of torque.
7. Recheck the torque on all bolts after pressurization of the line.



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