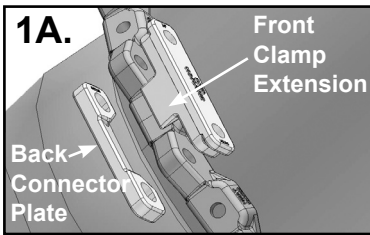
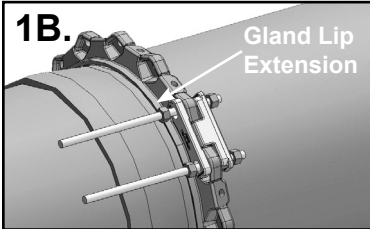


Series UFR1455 10"-36" Installation Instructions

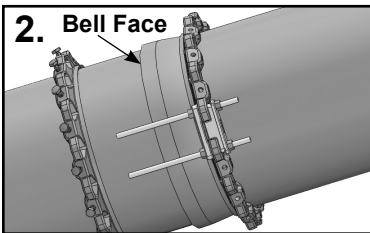
Solid 1400 Joint Restraint with Split Back-Up Ring for Ductile Iron Pipe Push-On Joints For New Pipe Installations



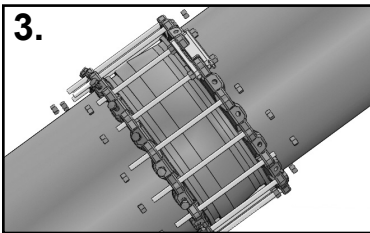
Refer to the Ford® website (www.fordmeterbox.com) for additional and most recent instructions and product information.



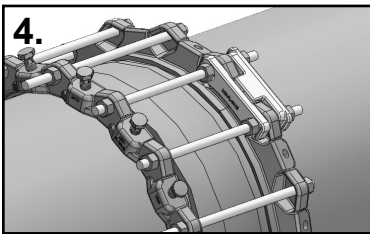
1. Back-Up Ring Assembly: (Split 1400 without Auto-Tork screws and wedges): Loosely assemble the halves of the back-up ring on the pipe with the Gland Lip Extension facing toward the back of the pipe bell (Figure 1B). Assemble the halves with the extension of the Front Clamp to the outside of the gland half and the angled portion of the Back Connector Plate is against the gland (Figure 1A). ("Uni-Flange" text on both clamp sections should be exposed if properly installed.) Install connecting rods through the Front Clamp and the Back Connector Plate, placing a nut on both sides (Figure 1B). Position the Back-Up Ring Assembly against the pipe bell (Figure 1B).



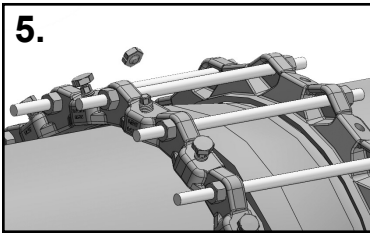
2. Restraint Ring Assembly (Solid 1400 with wedges and Auto-Tork Screws): Place the gland with wedges on the spigot end of the pipe with the lip extension toward the pipe end. Assemble the pipe joint according to pipe manufacturer's recommendations.



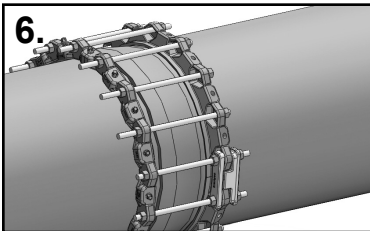
3. Using the installed connecting rods for measurement, position the 1400 restraint ring (with wedges) on the pipe spigot so several threads on the rods will extend through the 1400 bolt holes when connected to the back-up ring (split 1400 without wedges, set against the back of the pipe bell) and install the rods in each of the remaining bolt holes. Install the remaining nuts hand tight.



4. Bring all wedges in contact with the pipe surface by turning the Auto-Tork actuating screws in a clockwise direction until the screws are hand tight.



5. Continue tightening the Auto-Tork actuating screws in an alternating manner until all the break away heads have twisted off. **Note:** To re-use or re-install after the Auto-Tork break-off heads have been removed; tighten the 5/8" hex head of the actuating screw to 75-110 ft-lb. Use of a torque wrench is highly recommended.



6. Tighten the outside nuts on the connecting rods until the back-up ring is seated firmly against the back of the pipe bell. **Do not over-tighten outside nuts.**