

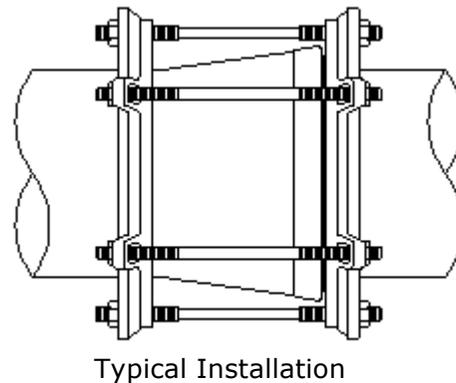
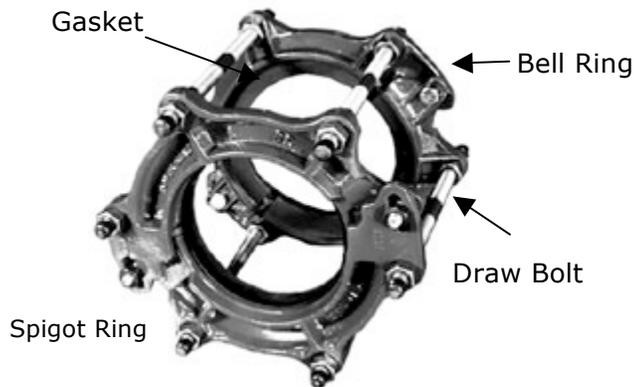
MODEL 3232 BELL JOINT LEAK REPAIR CLAMP

INSTALLATION SHEET



1. CLEAN PIPE JOINT: Thoroughly clean the back of the bell so the bell ring will seat properly, and clean the bell face and spigot (plain-end) surface so the gasket will contact clean metal.

2. INSPECT JOINT CONDITION: If the joint seal material is flush with the bell face, or not recessed more than 1/8 inch, the gasket will function properly. Should the recess be more than 1/8 inch deep, it must be filled with suitable material such as lead wool, mortar, etc. Remove lead or other material protruding beyond the bell face.



3. INSTALL BELL RING: Assemble one set of ring segments behind the bell. Adjust ring to suitable diameter, and lock ring segments into position by tightening nuts.

4. INSTALL GASKET: Place gasket on the spigot with the flat face toward the bell and check for snug fit on Class AS pipe diameters. Some gasket sizes are furnished with a small Dove Tail Gasket Plug to lengthen the gasket for Class CD pipe outside diameters. It is recommended to lubricate the spigot pipe, bell face, and gasket with a soap water solution to reduce friction and maximize gasket compression.



Dove Tail Gasket Plug

5. INSTALL SPIGOT RING: (3 - 10 inch sizes) For clamp sizes 4, 6, and 8 inch the adjustable ring should be fitted to the smallest diameter and clamped together using two 1/2 X 2 inch segment bolts. Spacers are to be inserted between castings when installed on Class CD pipe. Note that the 3 and 10 inch size clamps do not require these spacers. (12 inch and larger sizes) Assemble ring segments in place on pipe with one 5/8 inch tee-head bolt and one 5/8 X 2 segment bolt at each ring joint. After the spigot ring has been assembled on the pipe, push it firmly against gasket and over draw bolts from the bell ring.

6. COMPRESS GASKET: Thoroughly lubricate gasket and pipe components, and then uniformly draw up bolts. Tighten all 5/8 inch diameter draw bolts (3 - 12 inch clamp sizes) to 60 - 70 foot pounds, and all 3/4 inch draw bolts (16 inch and larger clamp sizes) to 85 - 95 foot pounds of torque. Alternating between diametrically opposed bolts will assure even torque values and uniform gasket compression. It is recommended to wait 5 - 10 minutes to allow the gasket to fully compress, and then retighten draw bolts to the specified torque