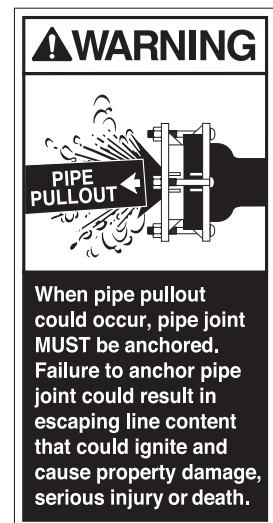


INSTALLATION INSTRUCTION 0001-0829-999

Style 160 Bell Joint Clamp

For Cast Iron Pipe Bell & Spigot Joints

1. Clean joint thoroughly on back of bell, on the spigot for a distance of six inches, and on the bell face. It is very important that all dirt, loose rust and scale be removed so that the gasket will seat on virtually bare metal.
2. Recaulk. Drive back lead in caulked joints if it protrudes beyond the bell face, or is loose. If the joint is leaking badly, it is sometimes necessary to fill in gaps in the caulking with lead wool or similar material. Cement joints should be trimmed back even with the bell face.
3. Face-up Joint. If caulking is recessed one-eighth inch or more, it should be brought up flush with the bell face. Lead wool is good for this purpose. Plaster of Paris and cement are also used. (It is important to remove excess plaster from the bell face and spigot).
4. Assemble the bell ring on the bell, adjusting it to a boot fit. Tighten the section bolts. Note that either the bell ring or spigot ring may be handled by removing one bolt and hinging the other joints by loosening the other section bolts.
5. Assemble the spigot ring on the pipe, adjusting it so that it will barely slide on the pipe. Distribute the filler openings as evenly as possible. Insert fillers in all the openings.
6. Fit the split Dresser gasket around the spigot, letting the ends pass. Mark one end for cutting parallel to original cut. Cut gasket 1/4" short for clamps 12" and above and 1/8" short for smaller clamps.
7. Lubricate gasket and gasket seating area of pipe with soapy water (anti-freeze should be added in freezing weather).
8. Position the gasket against the face of the bell with the splice at the top. Use Dresser gasket tongs to hold the gasket ends tightly butted.
9. Soap the outer face of the gasket and slide the spigot ring into position on the gasket. Tighten section bolts.
10. Insert the trackhead bolts with the head against the bell ring. The chamfered face of the nut must be against the spigot ring.
11. Tighten diametrically opposite bolts uniformly and progressively. Take up each bolt a little at a time to 50 ft. lbs. Strike bolt heads sharply and then retighten to 50 ft. lbs. Do not strike the short bolts joining sections together.



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Part No. 0001-0829-999

11.2018