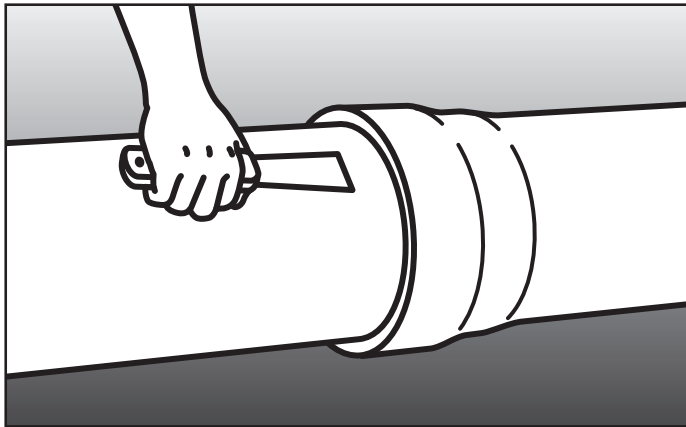




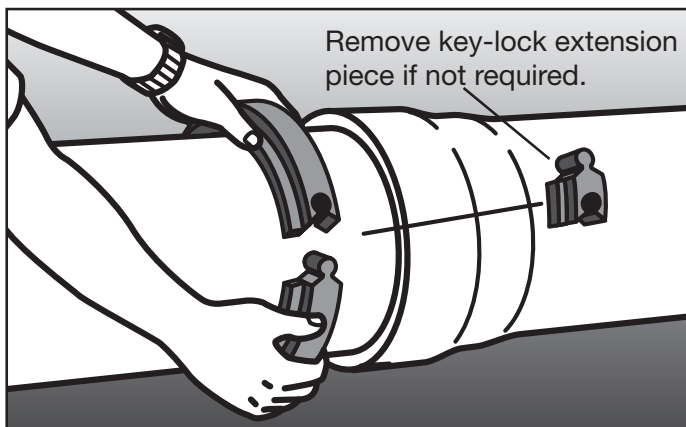
Installation Instructions For The Skinner Model BJLC Bell Joint Leak Clamp

For use on caulked or gasketed iron pipe, and Standard Steel Sized PVC.

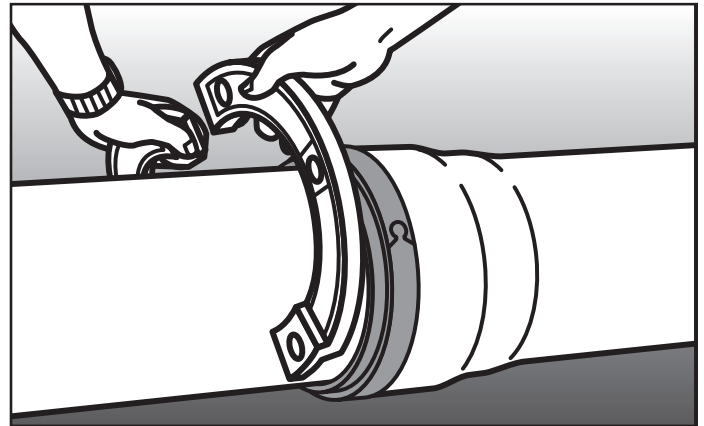
Step 1. Check to ensure you have the proper size and Model BJLC bell joint leak clamp for your pipe. *(Clamps for C900 PVC and Iron Pipe bell joints are not interchangeable with standard steel size PVC size clamps)*



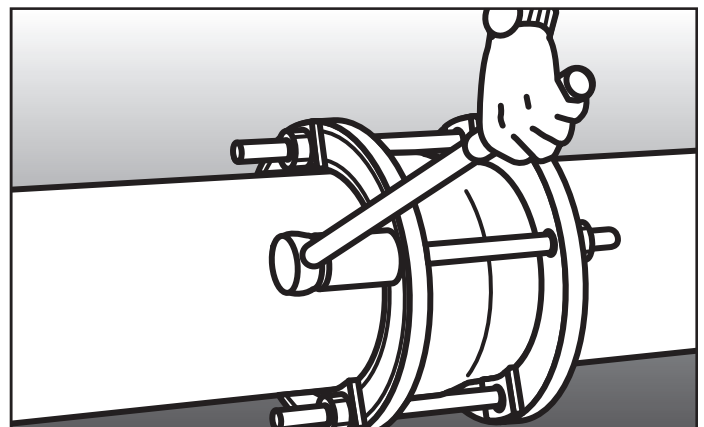
Step 2. Thoroughly clean the pipe surface around the bell and spigot joint. If repairing a caulked joint, make certain you have a smooth, flat surface for a proper water-tight seal.



Step 3. Lubricate gasket for best results. Install the gasket around the pipe and lock the ends together. The flat side of the gasket should be facing the bell. Place gasket key lock connection the maximum distance from any casting joint. Discard the gasket key-lock extension piece if pipe OD is 4.80", 6.90", 9.05", 11.10" or 13.20".



Step 4. Interlock the ductile iron clamp ring sections on the spigot side and slide a threaded stud or bolt through the hole halfway to hold the sections together. Proceed in the same manner for each section until the clamp ring is complete. Interlock the ductile iron clamp ring section on the bell side and slide the threaded stud or bolt, attached to the spigot side clamp, through to the bell side clamp sections. Loosely assemble nuts on the stud or bolt. Continue to assemble the bell side clamp until it is complete.



Step 5. Tighten the nuts evenly until the leak stops. Use of a torque wrench is highly recommended and required to ensure proper torque. For best results, wait 10-15 minutes and re-check for proper torque.

RECOMMENDED TORQUE RANGE (FT. LBS.)

NOM. PIPE SIZE	1/2" DIA. STUDS/BOLTS	5/8" DIA. STUDS/BOLTS
2" - 4"	15-20	60-70
6" - 12"	25-30	60-70