

# INSTALLATION PROCEDURE

## FORD ALL STAINLESS STEEL DROP-IN BOLT FLS1 REPAIR CLAMP

The successful application of a repair clamp rests heavily on the installer. We suggest the following guidelines be adopted as routine practice.

### **CHECK THE DIAMETER OF THE PIPE TO MAKE CERTAIN YOU ARE USING THE CORRECT SIZE CLAMP**

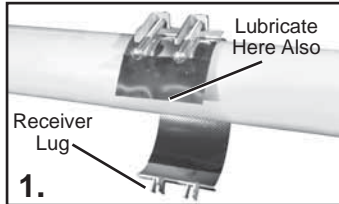
Refer to the Ford website (<http://www.fordmeterbox.com>) for additional and most recent instructions and product information.

### **PREPARATIONS AND PRECAUTIONS:**

1. Scrape the pipe to remove as much dirt and corrosion as possible so the surface is smooth.
2. Make certain the gasket is free of foreign matter and that nothing becomes lodged between the gasket and the pipe. Lubricate the pipe and/or gasket (including both sides of tapered ends) with soapy water or any other acceptable lubricant to achieve maximum results.  
NOTE: Give extra attention to the lubrication of AC pipe due to its rough and absorbent nature.
3. Use proper tools, avoid loose fitting wrenches and wrenches too short to achieve the proper torque of the nuts. A torque wrench is recommended for best results and required to ensure proper torque. Excessive torque can compromise clamp components.
4. Repair clamps are not designed for pipe restraint. Make sure proper restraint is applied when required.
5. Repair clamps are designed to span gaps between pipe ends with only a slight/minimal separation, deflection or misalignment between pipe ends.  
For best results, use a coupling for a larger separation, deflection or misalignment.
6. Keep threads free of foreign material to facilitate tightening.
7. Tighten all bolts (and all sections of a multi-section clamp) evenly and equally to the recommended torque.
8. ALWAYS RECHECK TORQUE AND PRESSURE TEST FOR LEAKS BEFORE BACKFILLING.
9. Backfill and compact carefully around the clamp according to the pipe manufacturer's instructions.

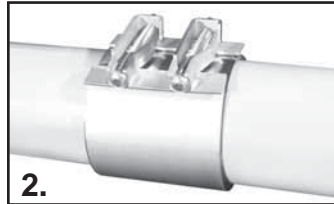
RECOMMENDED TORQUE		
Clamp Top Range	Bolt Diameter	Approx. Torque
Thru 5.62"	5/8"	30 / 35 ft. lbs.
6.35" & Above	5/8"	75 ft. lbs.

### **See Preparations and Precautions above before installing.**

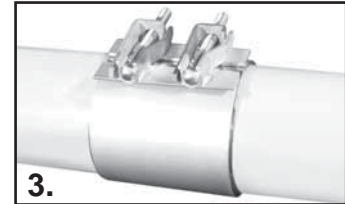


Back off nuts to end of bolts, but DO NOT remove them. Separate clamp and position on the pipe with the bolt lug section on top.

When repairing a broken water main under pressure, perform Steps 1 and 2 beside the pipe break and slide over the break after the bolt heads are safely retained and the nuts are hand tight.



Hook an interior bolt into the receiver lug and hand tighten the nut until the bolt is secure. Make sure gasket ends are flat against the pipe and not folded.



Squeeze the two lug sections together. Tighten all bolts evenly with incremental torque settings, maintaining equal gaps on each side up to the recommended torque. See torque table above.



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