

CLOW VALVE CO.

LB400 REPAIR INSTRUCTIONS

In the event of a traffic collision involving a Wet Barrel Fire Hydrant equipped with an **LB400 Break-Off Check**, it will separate at one of the two machined grooves located on the Riser. Below are the steps to repair the LB400 after the collision:

- 1)** Assure that the water supply is turned completely off by closing the isolation valve. **After water supply has been turned off, you should be able to push the flapper on the main body down with no resistance.**
See Figure One
- 2)** Remove the broken riser from the main body by removing the bolts and nuts from the main body to the riser. The broken riser will not be used in the repair.
- 3)** Use a wire brush to remove any dirt or rust from the face of the main body, and the riser that you will be using.
- 4)** Install the new Rod (M1640251) into the riser by using a 3/8 open end wrench and threading it completely to the last thread on the rod. The rod should be fully secured and have no side-to-side movement.
See Figure Two
- 5)** Place the gasket on the main body. Make sure the gasket is centered.
- 6)** Align the rod with the flapper and place a couple of bolts to hold the riser in place.
See Figure Three
- 7)** Push down on the riser, this will push the flapper in place and allow for the rest of the bolt to be inserted into place.
- 8)** Hand tighten all bolts and nuts while keeping pressure on the riser and keeping the rod pushing down on the center on the flapper.
- 9)** Torque bolts to 90 ft lbs. in a star pattern.
- 10)** Install the hydrant to the recommended specifications.
- 11)** Flush Hydrant, per manufacturer's recommendations and inspect for leaks.

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