INSTALLATION SHEET - SADDLES

MODEL 3401/3402 - 3403 Bronze Saddle

Quality Control Department SAFETY FIRST - Always use cave-in protection, gloves, sturdy works boots, and eye protection when tapping pipe.

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GENERAL NOTES:

- Use cave-in protection during excavation and back-fill operations.
- Verify Pipe O.D. to make certain that the correct Service Saddle is being installed.
- Keep bolt threads clean and free from nicks, dents or other damage.
- If conditions permit, mark the pipe for a reference point to properly position the Saddle.
- Lubrication of the O-ring with a soap solution reduces friction and more evenly distributes clamping force. For cold weather lubrication, ethylene glycol can be added to the soap solution to prevent freezing.

OTHER INFO:

- Always re-tighten after installation of the valve or service.

RECOMMENDED TORQUE	
Bolt Diameter	**Torque (ft-lb)**
5/16”	Minimum of 5ft-lbs.
3/8”	Minimum of 5ft-lbs.

1

Clean outside of pipe thoroughly, particularly in area where Twin Seal gasket will compress.

2

Confirm the PowerSeal Twin Seal saddle gasket is in the proper position in the saddle body.

3

Lubricate pipe and face of gasket with soap and water or other suitable liquid. For cold weather lubrication, ethylene glycol can be added to the soap solution to prevent freezing.

4

Position the saddle Top on the pipe in the location where it is to be tapped. Rotation of the saddle should be avoided at all times.

5

Loosen nut(s) to the end of the bolt and install saddle Back (s), around the pipe and through the saddle body bolt opening.

6

Tighten securely to a minimum of 5 ft.-lbs. of torque - which will snug the brass casting around the pipe (***halves do not meet)*** with a 10” to 12” screwdriver**.**

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To ensure proper seal of the gasket, the corporation stop or other fittings should be connected to the saddle prior to final tightening. Always re-tighten after installation of the valve or service.

PRE-INSTALL CHECKLIST:

DID YOU:

- Clean pipe surface thoroughly? [Y] [N]
- Check O.D. of pipe with measuring tape? [Y] [N]
- Lubricate the Pipe with Dishwashing Soap? [Y] [N]
- Verify Proper Torque Required? [Y] [N]

Warranty Checklist (*):

- Date of Installation __/__/____
- Time of Installation _____ [AM] [PM]
- Was Pre-Tap Pressure Test completed to appropriate pressure level? [Y]
- What Pressure was it tested to? ____ psi
- Was standard re-torqueing applied 5 minutes after reaching torque requirements? [Y] [N]

• Signature of On-Site Leadman: _____

*** Must be completed on day of installation to Validate Warranty**