INSTALLATION SHEET - SADDLES

MODEL 3411DI - 3413DI - 3415DI - 3417DI - 3417AS – 3415AS - 3417SW Saddle

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

PowerSeal PIPELINE PRODUCTS CORPORATION

GENERAL NOTES:

Notes:

- Over torqueing will not increase the ability of the saddles to seal
- Suitable pipe thread sealant is recommended
- Length of bolt thread protruding past top of nut should be equal distance on both sides
- Use cave-in protection during excavation and back-fill operations.
- Verify pipe O.D. to make certain that the correct range saddle is being used.
- Keep bolt threads clean and free from nicks, dents or other damage.
- Lubrication of the gasket with soap solution reduces friction and more evenly distributes clamping force.

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

RECOMMENDED TORQUE 3411 - 3413	
Bolt Diameter	**Torque (ft-lb)**
½"	30-50
5/8"	50-70

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

6

Tighten nuts evenly per the specifications below until saddle body conforms to pipe.

MODEL 3411DI - 3413DI - 3415DI - 3417DI - 3417AS – 3415AS - 3417SW Saddle

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

PowerSeal PIPELINE PRODUCTS CORPORATION

7

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] [N]
- 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**