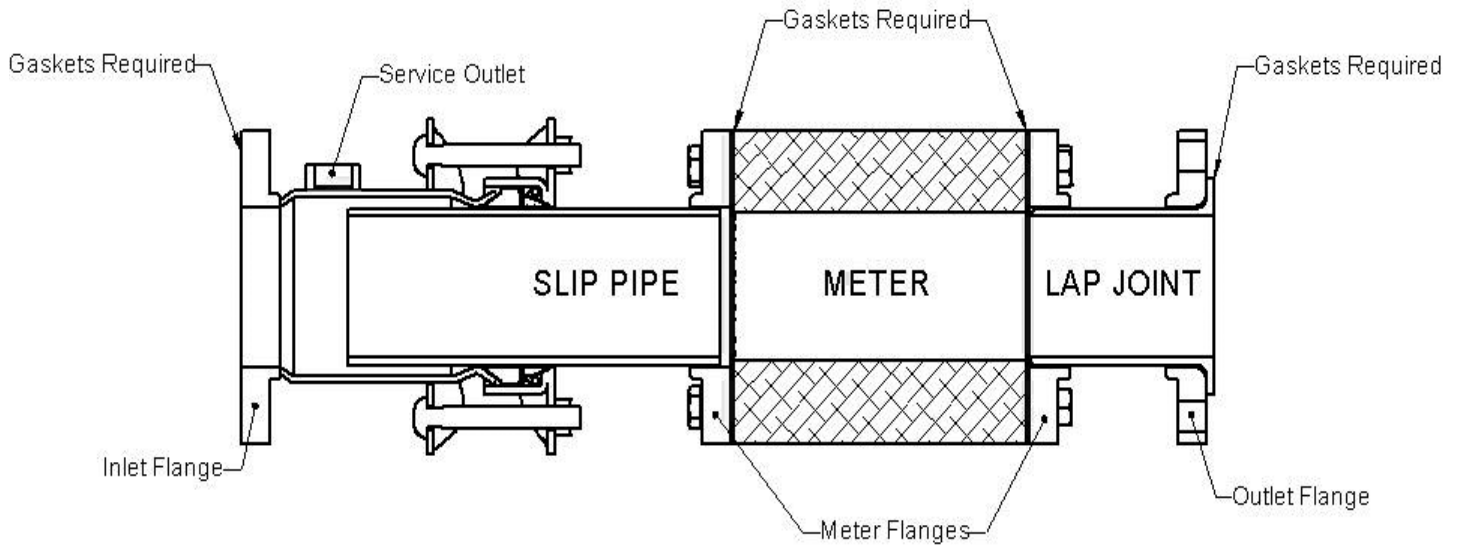




Meter Conversion Kits



Installation Instructions

1. Remove the existing diaphragm meter from the meter set per utility or company instructions.
2. Clean all flanges on meter set and ensure they are in good service condition. Ensure all the flanges from the kit are free of debris and clean.
3. Install the lap joint assembly with the adjustable flange bolting on to the existing outlet pipe flange. Insert ring style flange gasket before installing all the studs. Hand tighten studs (do not fully torque at this time).
4. Lubricate the slip pipe's plain end with soap and insert it into the EZ Maxi-Grip Flange adapter. Install the flanged end of the EZ Maxi-Grip flange adapter to the inlet side of the existing piping making sure to insert a ring style gasket before inserting all the studs. Finger tighten flange studs.
5. Install meter per manufacturer's direction to the welded flange of the lap joint assembly. Do not fully torque bolts.
6. Slide the slip pipe out of the flange adapter (from step 4) so the flange can mate up with the meter. Install bolts and gasket (strainer gasket if required) and hand tighten the bolts to the meter.
7. Using a crisscross pattern, evenly tighten all the bolts and studs. Start with the EZ Flange adapter studs and connect them to the existing inlet flange. Then move to the lap joint assembly side on the outlet side. Finish torquing the meter mounting bolts on both sides of the meter in accordance with the meter manufacturer's instructions.
8. Torque the bolts on the EZ Maxi-Grip Flange adapter to 80 ft-lbs. min. (max 100 ft.-lbs.).
9. Install pipe stand (not included) or other method to ensure meter is properly supported according to manufacturer's recommendations.
10. Check for leaks.

Sales and Manufacturing Facility Smith-Blair, Inc.

30 Globe Ave.
Texarkana, AR 71854
P. O. Box 5337
Texarkana, TX 75505
Phone: 870-773-5127
800-643-9705
Fax: 870-773-5212
800-648-6792
www.smith-blair.com

Distributed by: