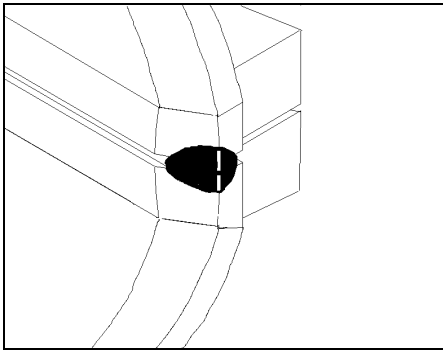


Smith-Blair Inc. INSTALLATION INSTRUCTIONS

File: TI-039.doc Rev: 3/13/03

Type 624/676/670 Split Coupling

- ◆ Thoroughly clean pipe surface 3 inches on either side of the gasket sealing areas. Be sure the gasket bearing surfaces are free of blemishes that may impair the fitting seal.
- ◆ Lightly lubricate the side gaskets with potable lubricant. Mount both halves of the split coupling around pipe. Install the side bolts and nuts. Verify side gaskets are lined up in the mating sidebar grooves.
- ◆ Tighten the side bolts; from the center toward the ends; until the side lugs just start to compress the side gaskets.
- ◆ Center the assembled body around the pipe OD. Using a razor sharp knife, trim the ends of the side gaskets flush with the flare face. The ends of the gaskets must be flat and smooth



- ◆
- ◆ Torque the side bolts to 20 ft-lbs.
- ◆ Lightly lubricate the end gaskets with potable lubricant. Place the end gaskets around the pipe with the taper toward the body. Position the end gaskets against the body with the split seam rotated about 45° from the side bars. Note: For ease of assembly the cut ends may be held in place by staples or sparing use of glue (super glue).
- ◆ Position the split follower flanges; with the identification numbers on the body and on the followers lining up; against the end gaskets with the split rotated about 45° from side bars and the end gasket seam.
- ◆ Install the follower flange bolts and nuts. Torque the follower flange bolts to 30 ft-lbs. Re-torque the sidebar bolts to 80 ft-lbs. Re-torque the follower flange bolts to 60 ft-lbs. Check that all the bolts are at their recommended torque values.
- ◆ Recheck that all bolts are at their recommended torque value prior to backfill.

Note: Ensure that if glue is used, no glue is left on the gasket sealing surfaces.

Note: The orientation numbers on the body and on the followers must line up.



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