

ELIMINATOR INSTALLATION INSTRUCTIONS

IMPORTANT

For use on:
Thermoplastic gas pipe meeting the requirements of ASTM D 2513

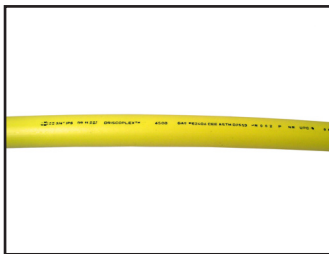
Pressure Rating: Designed to meet or exceed pressure rating of PE pipe per 49 CFR Part 192 and ASTM D 2513

Operating Temperature: -20 to 140° F

1 Verify that the Eliminator saddle main size matches the thermoplastic gas pipe main size.



2 Verify that the Eliminator outlet size is the correct size for the polyethylene service. Verify that the SDR (or wall thickness) of the pipe matches the SDR (or wall thickness) printed on the fitting label.



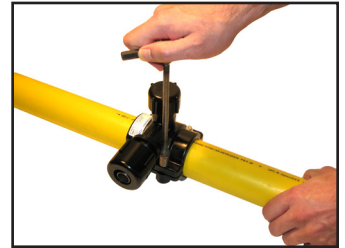
3 The area where the Eliminator saddle is to be installed must be cleaned to remove dirt, grease or other contamination. The elastomer seals of the Eliminator saddle should not be installed over cuts or scratches in the plastic gas pipe.



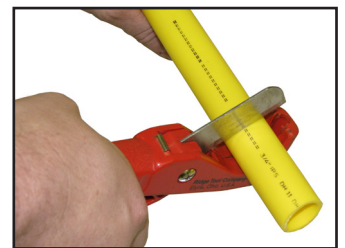
4 Remove saddle from the bag, taking care not to allow dirt to contaminate the elastomeric seals.



5 Place top and bottom half of saddle on main. Insert bolts and tighten in a crisscross pattern. Do not rotate saddle on the main. Tighten the bolts until the flanges of the saddle come together along the outer edge. The flanges of the saddle may not come together next to the pipe. Bolt torque should not exceed 120 inch pounds.



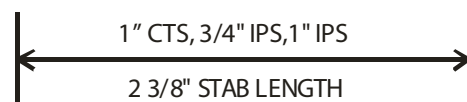
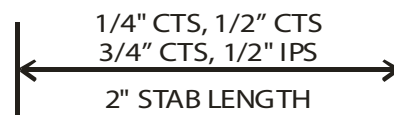
6 Cut pipe ends square.



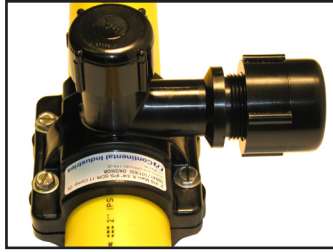
7 Clean piping thoroughly to assure there is no dirt, grease or oil in assembly area.



8 Mark the stab depth on pipe. (See below. Stab Depth Lengths are to scale and may be used to measure stab depth.)



9 Loosen compression nut until seal rings is no longer compressed. **NOTE:** In most instances, it is unnecessary to remove compression nut.



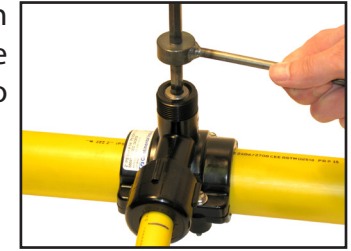
13 To assure proper assembly and to comply with 49 CFR 192 Subpart J—Test Requirements, the joint shall be leak tested.



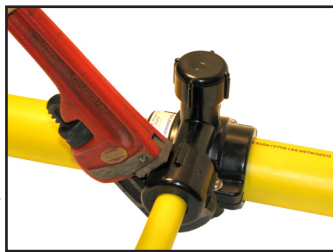
10 Insert pipe until it bottoms in outlet.



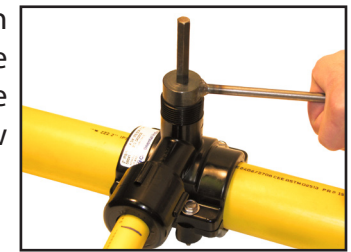
14 Remove cap, then insert drive key (use drive key 33-5505-00) into punch.



11 Tighten the compression nut until it shoulders against the outlet. Do not overtighten. **CAUTION:** To prevent inadvertent pull-out of the P.E. tubing during the assembly process, complete step 11 immediately after step 10, without delay and ensure work is not being performed on the free end of the P.E. tubing.



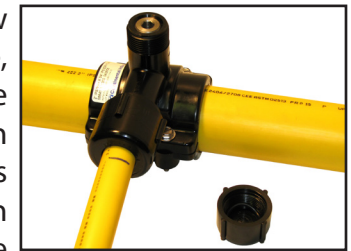
15 Screw punch down until stop on drive key contacts the top of the saddle tee. The tap is now complete.



12 Line marked for stab depth should be no more than 3/4" from face of compression nut.



16 To allow flow through service, back punch up until the top of the punch is flush with top of saddle. It is important that the punch does not protrude above the top of the saddle tee.



17 Verify that the O-ring is in the cap. Install cap on saddle hand tight. Do not use wrenches on cap.



NOTE: It is advisable to limit shear at main connections. In this regard, your company's policies should be followed. For further information, reference; ASTM D 2774 Standard Practice for Underground Installation of Thermoplastic Pressure Piping; Code of Federal Regulations, Title 49, Transportation Part 192; AGA Plastic Pipe Manual and/or The Guidance Manual for Operators of Small Gas Systems by the U.S. Department of Transportation.