

## ID SEAL® CON-STAB ELIMINATOR INSTALLATION INSTRUCTIONS

**IMPORTANT**

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

**Pressure Rating:** 125 psig MAOP

**Operating Temperature:** -20 to 140° F

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



**2** Verify the stab fitting is the correct size for the polyethylene (P.E.) pipe. Verify 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.



**8a** Chamfer end of pipe using [Continental's ID chamfering tool with ID gauge](#).

or



**8b** Chamfer end of pipe using [Continental's double ended ID chamfering tool](#).

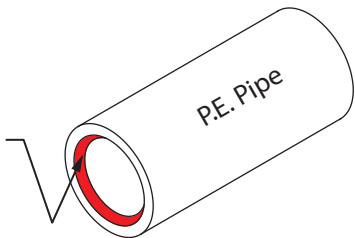


PATENT #'S 5,366,260, 5,692,785 & 5,853,272

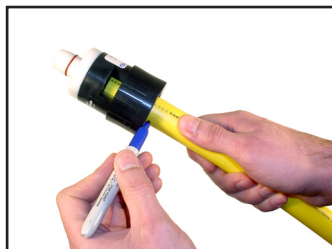


PART #34-4861-26 ECN 2552 REV "E" 03/21/13  
Phone No. 918-627-5210  
Fax No. 918-622-1275  
www.conind.com

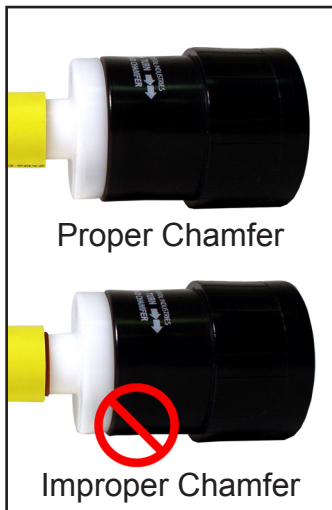
**IMPORTANT**  
CHAMFER THE  
ID OF PIPE



**9** Mark the stab depth by inserting pipe into ID chamfer tool and marking the pipe at the entrance as shown.



**10** If using ID chamfer tool with gauge, check for proper chamfer by inserting pipe on gauge up to the o ring. With proper chamfer, o ring will begin to enter pipe.



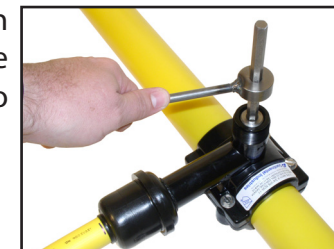
**11** Stab pipe completely into outlet so that the stab depth mark on the pipe is within 1/8" from the fitting entrance.



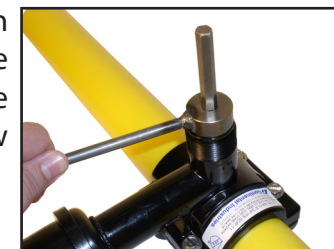
**12** To assure proper assembly and to comply with 49 CFR 192 Subpart J—Test Requirements, the joint shall be leak tested.



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



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



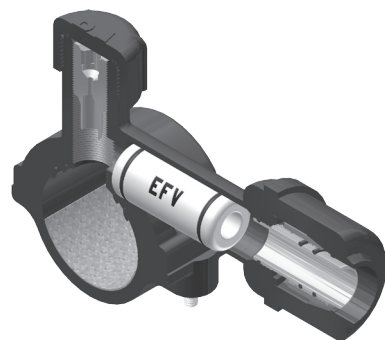
**15** To allow flow through service, back punch up until the top of the punch is flush with top of saddle. It is important that the punch does not protrude above the top of the saddle tee.



**16** 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.



**EFV  
IN  
OUTLET**