

TESTABLE PRIMARY PASS-THRU PENETRATION FITTINGS SERIES (TPP)



IMPORTANT
Please read all warnings and follow the installation instructions completely and carefully. Failure to do so may cause product failure, or result in environmental contamination due to liquid leakage into the soil, creating hazardous spill conditions.



WARNING - DANGER
Using electrically-operated equipment near gasoline or gasoline vapors may result in fire or explosion, causing personal injury and property damage. Be sure that the working area is free from such hazards and always use proper precautions.

1 Locate Penetration
Identify location of penetration; at the center of that location, drill a hole in the sump wall. FIGURE 1



FIGURE 1

2 Drill Hole
Drill a 4.5" hole in the sump wall



FIGURE 2

3 Scuff Hole and Repeat For Outer Sump Wall
Abrade surfaces 2.0" wide with 80# or coarser abrasive. FIGURE 2

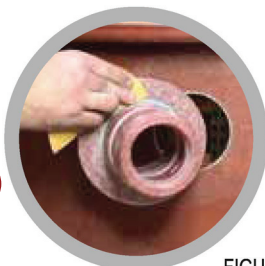


FIGURE 3

4 Scuff Fitting Body
Abrade surfaces with 80# or coarser abrasive. DO NOT USE POWER TOOLS. All bonding surfaces must be scuffed. FIGURE 3

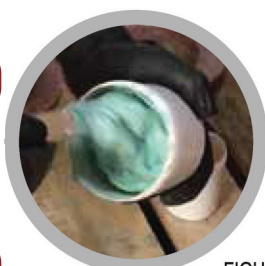


FIGURE 4

5 Scuff Inner Ring
Abrade surface with 80# or coarser abrasive. DO NOT USE POWER TOOLS. All bonding surfaces must be scuffed.



FIGURE 5

6 Wipe with Acetone and Repeat For Outer Sump Wall
Thoroughly clean fitting ring, body and all scuffed surfaces.

7 Mix and Thoroughly Blend Adhesives
Add all of Container B to Container A. Adhesive is fully mixed when color is uniform. FIGURE 4

8 Apply Adhesive To Fitting Body
Use a generous amount of adhesive. Cover all bonding surfaces. FIGURE 5

9 Push Fitting Up To Sump Wall and Align
Push fitting until adhesive begins to squeeze out. One test port should be positioned at 12' o clock. FIGURE 6



FIGURE 6

10 Wipe Excess Epoxy and Leave Test Ports Open
Leaving test ports open will fill all grooves and voids. Allowing open port will allow excess gases to escape.

11 Apply Adhesive On Interior Sump Wall
Use a generous amount of adhesive.



FIGURE 7

12 Apply Adhesive To Ring
Use a generous amount of adhesive. FIGURE 7

13 Push Inner Ring Up To Sump Wall
Press fitting until adhesive begins to squeeze out. FIGURE 8



FIGURE 8

14 Tighten Set Screws (Don't Over Tighten)
This will hold ring in place until epoxy cures. FIGURE 9

15 Wipe Excess Epoxy
Fill all grooves, voids, and set screw holes. Ensure test ports are free of adhesive.

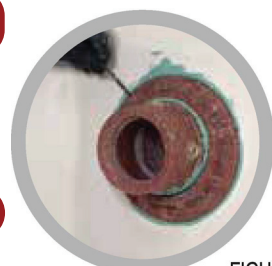


FIGURE 9

16 Remove Excess Adhesive With Acetone and Repeat For Outer Sump
Allow adhesive to cure before conducting any type of testing. FIGURE 10



FIGURE 10

PC-II0034 / R03-21



TESTABLE PRIMARY PASS-THRU PENETRATION FITTINGS SERIES (TPP)



IMPORTANT

Please read all warnings and follow the installation instructions completely and carefully. Failure to do so may cause product failure, or result in environmental contamination due to liquid leakage into the soil, creating hazardous spill conditions.



WARNING - DANGER

Using electrically-operated equipment near gasoline or gasoline vapors may result in fire or explosion, causing personal injury and property damage. Be sure that the working area is free from such hazards and always use proper precautions.

1 Measure From Wall To Fitting

Distance between inner wall and end of fitting bell. FIGURE 1

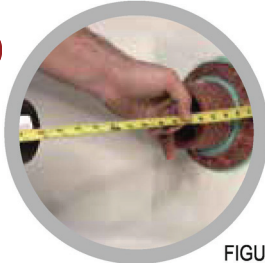


FIGURE 1

2 Transfer Measurement To Pipe

Measure from tapered end of pipe. Mark the distance on the pipe. Secondary should extend 1.5" inside sump. FIGURE 2

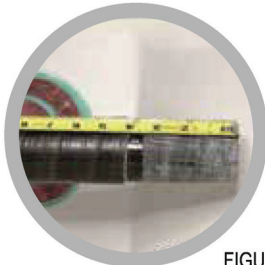


FIGURE 2

3 Cut Secondary Jacket

Using NOV 2" Dualoy 3000LCX-A Jacket Cutter. Use mark from previous step as a reference. Cut all the way around the pipe and remove secondary jacket. (This piece can be discarded). FIGURE 3

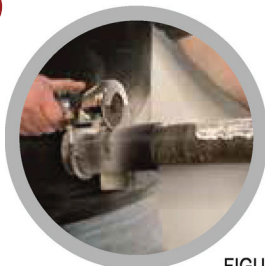


FIGURE 3

4 Dry Fit Reducer Bushing On Pipe

Mark their locations on the pipe. This will be used as a guideline for scuffing the pipe. FIGURE 4



FIGURE 4

5 Scuff Bonding Surfaces

Scuff pipe and bushing bonding surfaces with 80# or coarser abrasive - DO NOT USE POWER TOOLS. FIGURE 5

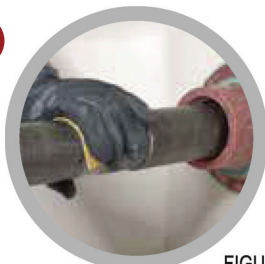


FIGURE 5

6 Wipe with Acetone

Thoroughly clean all scuffed surfaces. FIGURE 6



FIGURE 6

7 Apply Adhesive To Primary And Bushing

Cover the entire scuffed area of the pipe and of the bushing. FIGURE 7



FIGURE 7

8 Install Primary Reducer Bushing

Keep adhesive out LCX interstice. FIGURE 8

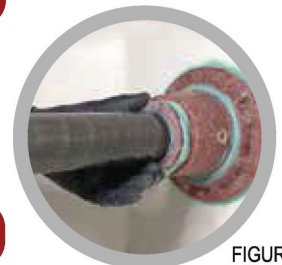


FIGURE 8

9 Wipe Excess Adhesive

Fill all seams and voids. Ensure test ports are free of adhesive. If necessary, remove with acetone immediately. FIGURE 9



FIGURE 9

10 Repeat Steps 7-9 For Secondary Pipe

Ensure all bonding surfaces are cleaned and covered with adhesive. Ensure test ports are free of adhesive. If necessary, remove with acetone immediately. FIGURE 10

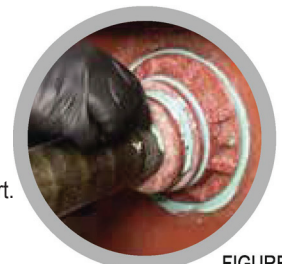


FIGURE 10

11 Reinstall Test Kits

Thread an approved PCI test kit into each port. **DO NOT EXCEED 10 LB-FT OF TORQUE.**