

## PC45 SERIES PIPING SUMP



### 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 Bung Adaptor or Manway

A. For manway flange or bung adaptor mounting nipples, locate center indicator in sump base for proper alignment of template (See FIGURE 1). After holes are drilled, sand surrounding area with 40 grit or coarser sandpaper or grinder. Clean sanded surface with Acetone to remove any debris, oils, mold waxes or release agents. Apply a generous bead of Bostik adhesive to the outside of the sump, all around of the hole pattern. Mount sump and tighten nuts in a star pattern. Mount sump and tighten nuts in a star pattern to ensure an even seal. Backfill the void between the tank top and the bottom of the sump base with clean fill or pea rock.

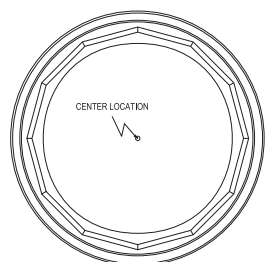


FIGURE 1

## UST FIBERGLASS COLLAR INSTALLATION

B. If your sump came from the factory with a bottom by cutting it out 3/4" above the bottom. Refer to FIGURE 2.

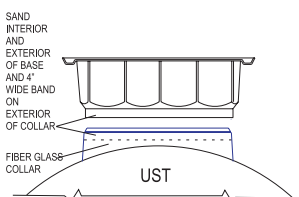


FIGURE 2

C. Sand a 4" wide band on both the interior and exterior edge where the base and UST will be joined.

D. Sand a 4" wide band on the exterior of the UST collar where the base is to be joined. Refer to FIGURE 2.

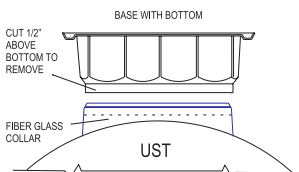


FIGURE 3

E. Wipe all surfaces that were sanded thoroughly with Acetone to ensure all debris and contaminants have been removed.

F. To install base slowly over the collar until it sits level on collar.

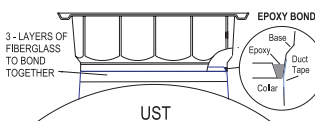


FIGURE 4

G. To attach base to collar if using a pre-measured epoxy kits, first tape off joining area on the exterior of the base with duct tape.

H. If using a fiber glass kit, apply fiberglass matting one layer at a time around entire perimeter of sump following it's labeled instructions until you have (3) layers completed. Wait until it hardens, then top coat with catalyzed gelcoat to complete process. Refer to FIGURE 4.

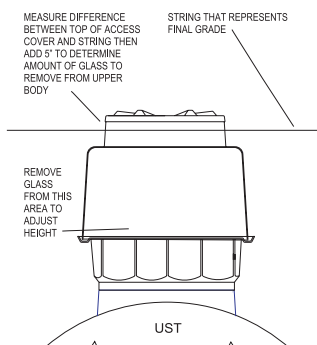


FIGURE 5

## 2 Piping Completion

Complete piping and electrical as usual before proceeding to STEP 3.

## 3 Adjust Sump Height

A. To determine the overall height that you will need for your sump, you can dry fit the upper body to the base by simply setting in the base's trough. By pulling a string across your excavation to represent your final grade, you can measure the height of the sump and adjust the height to ensure that the top of the Access Cover comes no closer than 5" and no further than 12" from the top of your final grade.

B. To adjust the height of the sump, mark the distance that needs to be removed from the bottom section of the upper body and cut using a saw.

C. Test fit to make sure height has been adjusted correctly by dry fitting upper body to the base one more time.

D. Remove Upper body and sand both the interior and exterior on the lower portion of the upper body where it will be bonded to the base. Also sand the entire trough of the base and wipe all areas sanded on both components clean with Acetone to remove any contaminants that may prevent a good bond.

E. If using PCI's epoxy bonding kit, mix per it's labeled instructions, pour in trough and lower upper body into epoxy. Twist upper body back and fourth in the epoxy a couple of times to ensure any air entrapped during placement is removed. Let joint get hard before proceeding.

F. If using a fiberglass seam to bond units together apply on the exterior side of sump, one layer at a time for a total of three layers. When fiberglass hardens, apply a coat of catalyzed gelcoat. Follow Fiberglass bonding kit instructions. Let joint get hard before proceeding.

G. When placing manhole over sump make sure manhole skirt does not contact sump. It is recommended to use a minimum 1" thick styrofoam blocks between skirt and sump.

## 4 Clean Sealing Surface

Clean sealing surface of sump access opening and lubricate the gasket of the Twist-Lok Access cover with PCI Dry lubricant to ease the opening and closing and to ensure a positive liquid tight seal.

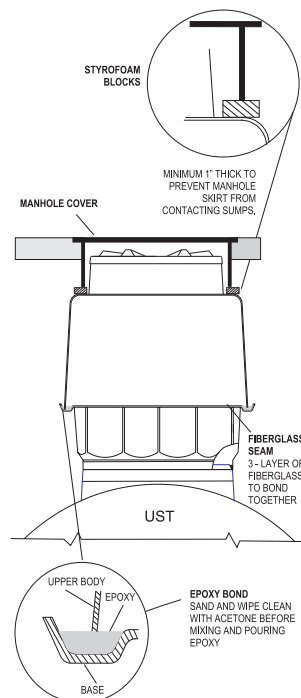


FIGURE 6

## WARRANTY

PETROLEUM CONTAINMENT, INC., WARRANTS that the Fiberglass Piping Sumps, if installed in accordance with PETROLEUM CONTAINMENT, INC.'s published instructions will meet PETROLEUM CONTAINMENT, INC.'s published specifications and will be free from material defects and workmanship for a period of one (1) year following the date of original delivery by PETROLEUM CONTAINMENT, INC., provided the system is used exclusively for gasoline, ethanol methanol, jet-fuel, av-gas, kerosene or motor oil at ambient underground temperature or used for fuel oil not to exceed 150 degrees Fahrenheit. PETROLEUM CONTAINMENT, INC.'s liability under this warranty shall be limited to our option: (A) deliver a replacement part to the point of the original delivery, (B) repair of the part by PETROLEUM CONTAINMENT, INC., or a third party of our choice; or (C) refund the original purchase price to the original purchaser. PETROLEUM CONTAINMENT, INC., shall in no way be liable for any labor, removal or installation cost, indirect or consequential damage in connection with such parts. The foregoing constitutes PETROLEUM CONTAINMENT, INC.'s exclusive obligation. PETROLEUM CONTAINMENT, INC., makes no expressed or implied warranties for merchantability or fitness for any particular purpose whatsoever, except as stated above.