



### 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 INSTALLING SUMP BASE

### UST FIBERGLASS COLLAR INSTALLATION

A. If your sump came from the factory with a solid bottom, cut it open for a 42" collar by cutting 3/4" up from the bottom of the sump. Refer to FIGURE 2.

B. Sand the interior surfaces where the base and UST will be joined.

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

D. Thoroughly wipe all surfaces that were sanded with Acetone to ensure all debris and contaminants have been removed.

E. Slowly lower the sump base onto the collar until it sits level on collar.

F. Attach base to collar if using an E-142-CM epoxy kit, first tape off joining area on the exterior of the base with duct tape.

Drill mix epoxy per its labeled instructions and pour. Do not disturb until hard and material has cooled. Refer to FIGURE 4.

A. For manway flange or tank sump 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 80 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 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.

## 2 PIPING COMPLETION

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

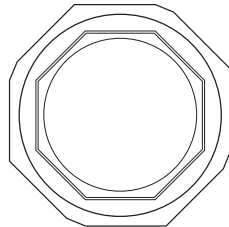


FIGURE 1

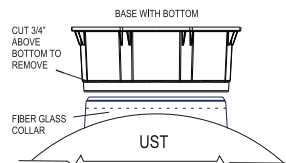


FIGURE 2

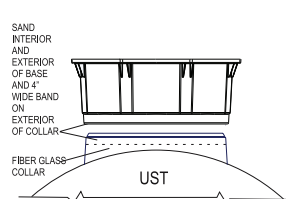


FIGURE 3

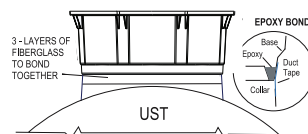


FIGURE 4

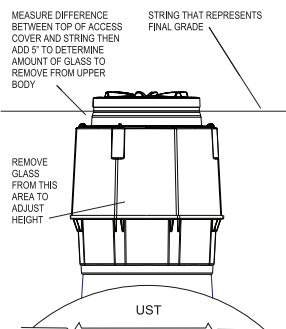


FIGURE 5

## 3 INSTALLING SUMP RISER

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 6" and no further than 12" from the top of your final grade. Refer to FIGURE 5.

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

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

D. Remove sump body and sand both the interior and exterior surfaces on the lower portion of the sump wall 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.

E. Drill mix the supplied E-148-CM bonding kit per labeled instructions. Pour the mixed bonding kit into the sump base epoxy trough. Lower the sump riser into the trough and twist back and forth to release any entrapped air. Allow epoxy to fully cure before proceeding.

F. When placing manhole over sump, make sure manhole skirt does not contact sump. It is recommended to use the provided styrofoam blocks to ensure proper spacing.

## 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.

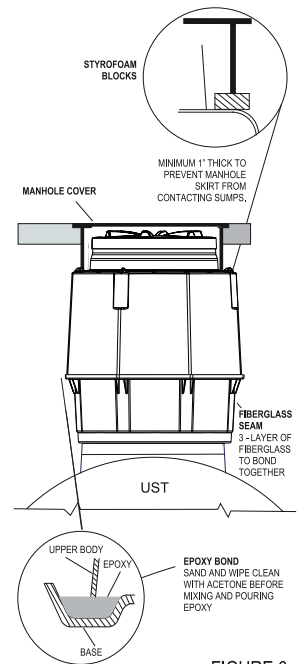


FIGURE 6

## 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., exclusive obligation. PETROLEUM CONTAINMENT, INC., makes no expressed or implied warranties for merchantability or fitness for any particular purpose whatsoever, except as stated above.