INSTALLATION INSTRUCTIONS

PCXDW SERIES
2-PART TANK SUMP

Attention!
Verify that sumps were delivered with at least 20inHg of vacuum. If vacuum shows less, note that the product was damaged on the freight paperwork and immediately contact PCI.

PETROLEUM CONTAINMENT, INC.

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.

Installation of Riser and Sump Base

1 Remove Factory Flange

The riser and the base have a factory flange that is required to be trimmed in the field. Once both flanges are trimmed, the installer will trim both the tank installed base and the field adjustable riser to accommodate for grade height. **Figure 1.**

2 Determine Overall Height

To determine the overall height that you will need for your sump, you can dry fit the upper body to the base by setting the riser on top of the installed base. By pulling a string to represent your final grade, measure the full height of the sump and adjust to ensure that the top of the Access Cover comes no closer than 2" and no further than 12" from the top of the final grade.

3 Adjust Sump Height

To adjust the height of the sump, mark the distance that needs to be removed from both the riser and the tank-installed base. Cut using a saw with no more than 1/8" variance. **PCI strongly recommends both the tank-installed base and the upper body riser are trimmed equally to allow for the sump components to align properly. Figure 2.**

4 Verify Measurements

Test fit to make sure height has been adjusted correctly by dry fitting the riser to the base and verify measurements.

5 Prepare Bonding Surfaces

Separate base and riser and sand the interior and exterior portions where they will be bonded to the base. Wipe all sanded components clean with acetone. **Figure 3.**

6 Set Riser on Base

Set riser on the base, lining up the interstitial spaces as closely as possible. In a case where either the tank-installed base or the upper body riser are not able to trimmed equally, PCI recommends metal "H" clips to allow for the best interstice alignment prior to applying fiberglass to the inside and outside seams.

7 Apply Bonding Kit

To prevent intrusion of resin into the interstitial space, cover the interior and exterior of the seam between the sump and collar with masking tape. Use putty to smooth any large differences in wall alignment. Apply three staggered, overlapping layers of fiberglass matting over the masking tape, around the entire perimeter of sump. Once the fiberglass has fully cured, sand and wipe with acetone again, then apply gel coat as an additional anti-wicking barrier. **Figure 4.**

8 Verify Mahole Skirt

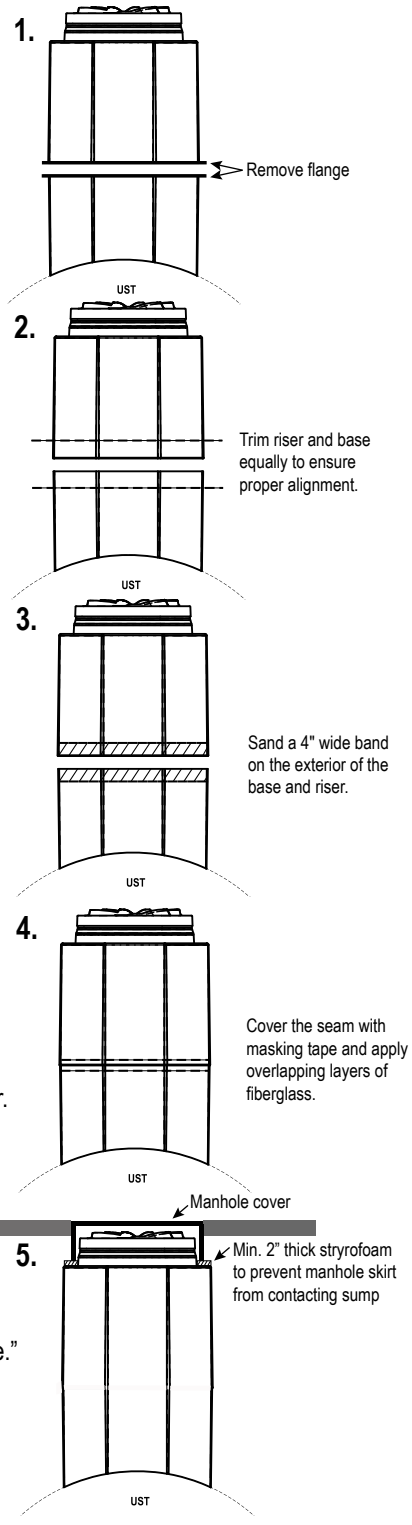
Verify that manhole skirt does not contact the sump. Use the included minimum 2" thick styrofoam blocks between skirt and sump to prevent damage to components. **Figure 5.**

9 Vacuum Testing

Perform the vacuum testing procedure found in the "Double Wall Fiberglass Sumps Vacuum Integrity Test Procedure." If the sump fails the test procedure please use the "Double Wall Fiberglass Sumps Integrity Test Troubleshooting Procedure" before contacting the manufacturer. If the problem persists, contact PCI.

10 Liquid Fill

If using a liquid monitored interstice, follow the instructions on the "Double Wall Fiberslass Sumps Liquid Monitored Interstice Filling Procedure" before backfilling.



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