

## PC4200 Series



# 4200 Series Tank Sump Installation Instructions

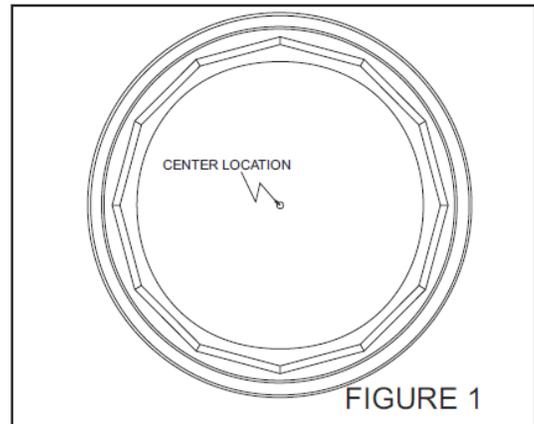
**IMPORTANT:** Please read all warnings and follow the installation instructions completely and carefully. Failure to do so may cause product failure, or result in environmental contamination due to liquid leakage into the soil, creating hazardous spill conditions.

**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.

### Installing onto a Bung Adaptor or Manway

For manway flange or bung adaptor mounting nipples, locate center indicator in sump base for proper alignment of template. See figure 1

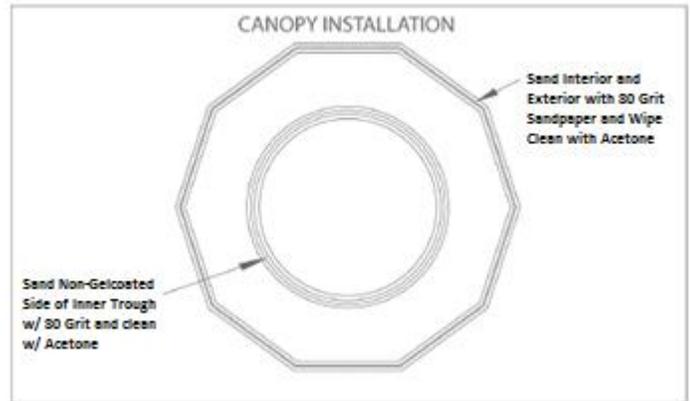
After holes are drilled, sand surrounding areas with a 80 grit or coarser sandpaper or grinder. Clean sanded surface with Acetone to remove any debris, oils, mold waxes or release agents. Apply a generous bead of bostik adhesive to the outside of the sump, all around the hole pattern. Mount sump and tighten nuts in a star pattern to ensure an even seal. Backfill the void between the tank top and bottom of the sump base with clean fill or pea gravel.



### Prepare the Transition Canopy for Installation

**Step #1:** Sand both interior and exterior surfaces of the canopy around the perimeter where the canopy sits in the mating trough with 80 grit or coarser sandpaper and wipe clean with acetone.

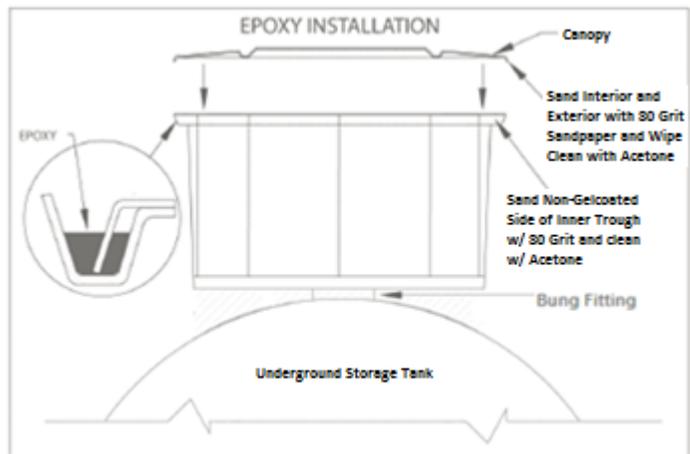
**Step #2:** Sand the non-gelcoated side of inner trough area where the adjustable riser will sit with 80 grit sandpaper. Wipe clean with acetone.



### Bonding the Transition Canopy

**Epoxy Bonding Kit:** To install the canopy using an epoxy bonding kit, mix the epoxy per the labels instructions and pour the epoxy into the trough area of the sump base. Then lower the transitional canopy into the epoxy filled trough. Make sure that the epoxy covers the entire seam. Wait for epoxy to completely harden before proceeding.

**Fiberglass Bonding Kit:** To install the canopy using a fiberglass bonding kit, apply three(3) layers of fiberglass mat (1 layer at a time) per the labeled instructions. Wait until fiberglass hardens, then sand with 80 grit sandpaper and wipe clean with acetone. Mix and apply a generous coat of gelcoat per the labeled instructions to seal any pinholes. Wait until gelcoat hardens.



**Complete all required piping and electrical as required before proceeding and installing the Upper Body.**

**Installing the Adjustable Riser**

To determine the overall height that you will need for your sump, you can dry fit the upper body to the Transition Canopy by simply setting in the base 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.

**Prepare the Adjustable Riser for Installation**

**Step #1:** Sand both interior and exterior surfaces of the canopy around the perimeter where the canopy sits in the mating trough with 80 grit or coarser sandpaper and wipe clean with acetone.

**Step #2:** Sand the non-gelcoated side of inner trough area where the adjustable riser will sit with 80 grit sandpaper. Wipe clean with acetone.

**Bonding the Adjustable Riser**

**Epoxy Bonding Kit:** To install the canopy using an epoxy bonding kit, mix the epoxy per the labels instructions and pour the epoxy into the trough area of the sump base. Then lower the transitional canopy into the epoxy filled trough. Make sure that the epoxy covers the entire seam. Wait for epoxy to completely harden before proceeding.

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**Step #6:** 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.

**LUBRICATE ACCESS COVER GASKET:**

*Clean sealing surface of sump access opening and lubricate the gasket of the Twist-Lok Access cover and to ensure a positive liquid tight seal. Recommend monthly.*

**MAINTENANCE:**

*All dispenser sumps should be checked regularly for the presence of water or fuel products. Any liquid present in the sump should be promptly removed and disposed of properly. If liquid is found in the sump, prompt action should be taken to repair the leak and re-test the equipment for integrity.*

