



# PC4200 SERIES

## PC4200 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 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.

### REQUIRED MATERIALS

**CUSTOMER SUPPLIED**

Tape Measure, 80# Abrasive, Saw, Acetone, Cloth, String, Drill Mixer

**PCI PRODUCTS**

Epoxy Kit, PC4200 Sump, 2" Styrofoam (Shipped on Sump Do not discard)

**BEFORE YOU BEGIN, PLEASE READ:**  
A **bonding surface** is anywhere the adhesive will touch, these always need to be scuffed and cleaned with acetone before applying adhesive.

## INSTALLING ONTO A TANK SUMP ADAPTER OR MANWAY

### STEP 1 - LOCATE CENTER

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

### STEP 2 - PREPARE BONDING SURFACE

After holes are drilled, sand surrounding areas with 80 grit or coarser sand paper or grinder. Clean bonding surface with Acetone to remove any debris, oils, mold waxes or release agents.

### STEP 3 - MOUNT SUMP

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.

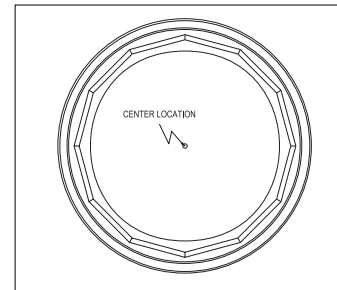


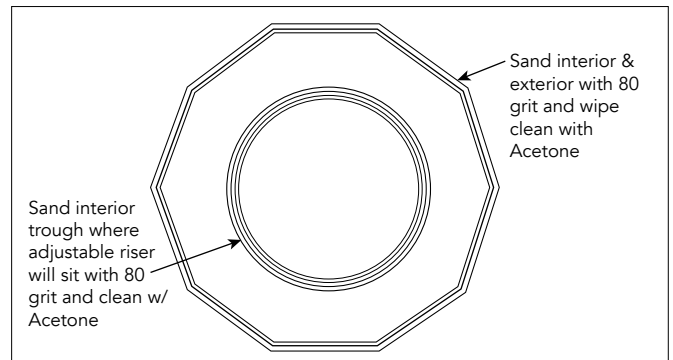
Figure 1

## MOUNT TRANSITION CANOPY

### STEP 1 - PREPARE THE BONDING SURFACES

Sand both interior and exterior bonding surface of the canopy around the perimeter where it will sit in the mating trough with 80 grit or coarser sandpaper and wipe clean with Acetone.

Sand the bonding surface of the inner trough area where the canopy will sit with 80 grit sandpaper. Wipe clean with Acetone.



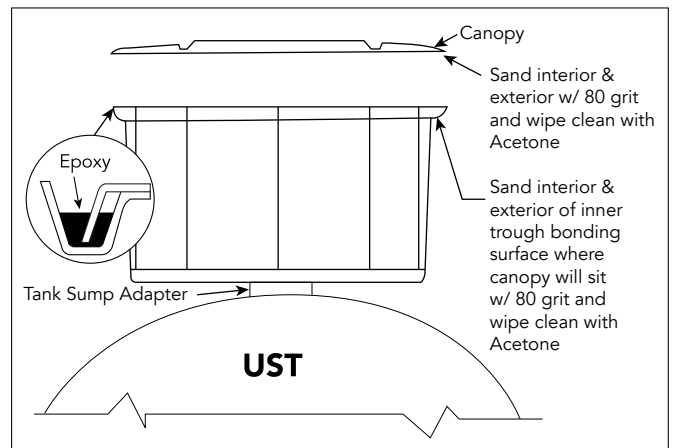
### INSTALLING CANOPY WITH EPOXY BONDING KIT

Mix the epoxy per the labeled instructions and pour the epoxy into the trough area of the sump base. It is not necessary to fill the entire trough with epoxy. Lower the transitional canopy into the epoxy filled trough. Make sure the epoxy covers the entire seam. Let fully cure before proceeding.

- Ambient temperature must be above 40°F

	65°F Cure Time	95°F Cure Time
Pourable Epoxy	2 Hours	45 Mins.

Note: Cure times may vary due to changes in ambient temperature, humidity and UV exposure.





### 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 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.

### REQUIRED MATERIALS

**CUSTOMER SUPPLIED**

**PCI PRODUCTS**

2" Styrofoam  
(Shipped on Sump  
Do not discard)

**BEFORE YOU BEGIN, PLEASE READ:**  
A **bonding surface** is anywhere the adhesive will touch, these always need to be scuffed and cleaned with acetone before applying adhesive.

**Complete all required piping and electrical as required before installing the upper body.**

## INSTALLING THE ADJUSTABLE RISER

### STEP 1 - 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 simply setting the base in the trough.

Pull a string to represent your final grade, you can measure the height of the sump and adjust the height. Ensure the top of the Twist-Lok Lid comes no closer than 6" and no further than 12" from the top of your final grade.

### STEP 2 - ADJUST SUMP HEIGHT

To adjust the height of the sump, mark the distance that needs to be removed from the bottom sections of the upper body. Cut using a saw with no more than 1/8" variance.

### STEP 3 - VERIFY HEIGHT IS ADJUSTED CORRECTLY

Test fit to ensure height has been adjusted correctly by dry fitting upper fitting upper body to the base and verify measurements.

### STEP 4 - PREPARE BONDING SURFACE

Sand both interior and exterior bonding surfaces of canopy around the perimeter where the canopy sits in the mating trough with 80 grit or coarser abrasive and wipe clean with Acetone.

Sand the inner trough bonding surface where the adjustable riser will sit with 80 grit abrasive. Wipe clean with Acetone.

### STEP 5 - INSTALLING CANOPY WITH EPOXY BONDING KIT

Mix the epoxy per the labeled instructions and pour the epoxy into the trough area of the sump base. It is not necessary to fill the entire trough with epoxy. Lower the transitional canopy into the epoxy filled trough. Make sure the epoxy covers the entire seam. Let fully cure before proceeding.

- Ambient temperature must be above 40°F

	65°F Cure Time	95°F Cure Time
Pourable Epoxy	2 Hours	45 Mins.

Note: Cure times may vary due to changes in ambient temperature, humidity and UV exposure.

### STEP 6 - VERIFY MANHOLE SKIRT

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

