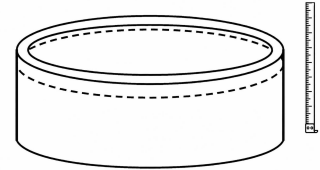


TWIST-LOK RETROFIT KIT

Epoxy Installation Method

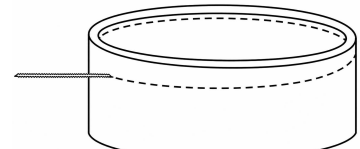
1 Measure and mark the existing sump

Measure from the top of the existing sump chimney to the underside of the manhole cover. If trimming is required, mark the entire perimeter so the cut leaves at least 10 inches of clearance below the cover.



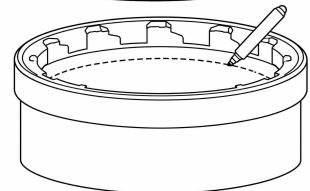
2 Trim the existing sump

Cut along the marked line as straight and level as possible. Correct uneven areas or gaps larger than 1/8 inch before fitting the retrofit assembly.



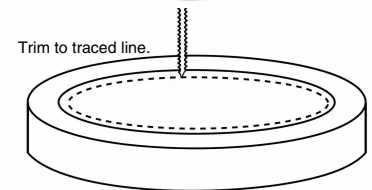
3 Position and trace the adapter plate

Center the retrofit assembly on the existing sump. Trace the inside perimeter of the existing sump onto the adapter plate to establish the trimming guideline.



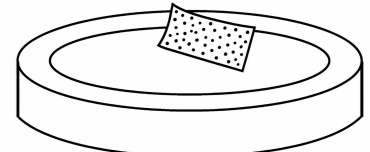
4 Trim the adapter plate

Remove the retrofit assembly and turn it upside down so the underside of the adapter plate faces upward. Trim along the traced line as closely as possible. Turn the assembly right side up and dry-fit it on the existing sump to confirm alignment and seating before preparing the bonding surfaces.



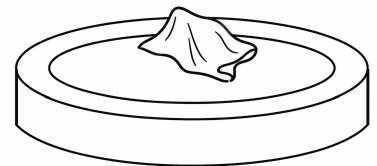
5 Scuff the adapter plate

Using 80-grit sandpaper or coarser, thoroughly scuff the underside of the adapter plate wherever it will bond to the existing sump.



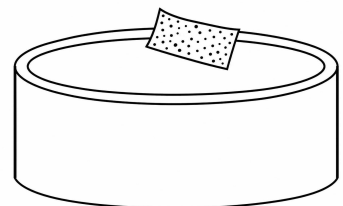
6 Clean the adapter plate

Wipe the entire prepared bonding surface with acetone to remove sanding residue and contaminants. Allow the acetone to evaporate completely before applying epoxy.



7 Scuff the existing sump

Thoroughly scuff the top edge of the existing sump with 80-grit sandpaper or coarser. Prepare the inside and outside surfaces at least 1/2 inch down, including the entire bonding area.



IMPORTANT / FIRE & EXPLOSION HAZARD

Read all instructions before starting. Electrical equipment near gasoline or gasoline vapors can cause fire or explosion. Confirm the work area is free of these hazards before cutting or sanding. Follow site procedures and applicable safety data sheets for acetone and EP2A. Wear appropriate personal protective equipment.

TWIST-LOK RETROFIT KIT

Epoxy Installation Method

8 Clean the existing sump

Wipe all prepared sump surfaces with acetone. Remove sanding residue and contaminants, and allow the acetone to evaporate completely. Keep both bonding surfaces clean and dry.

9 Apply EP2A epoxy adhesive

Prepare the EP2A adhesive and dispensing equipment according to the current EP2A instructions. Apply a thick, continuous bead around the entire bonding area on the existing sump.

10 Install the retrofit assembly

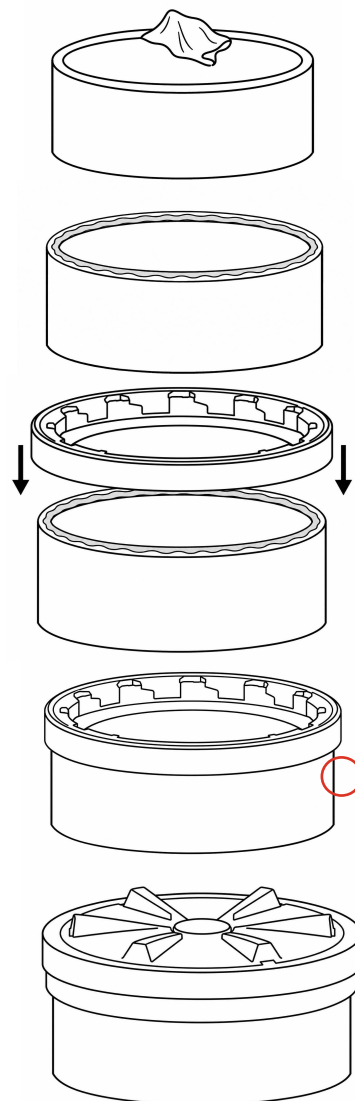
Center the retrofit assembly over the prepared sump and lower it slowly onto the epoxy bead. Seat it evenly, maintaining alignment and continuous adhesive contact around the full perimeter.

11 Inspect and fill any voids

Inspect the entire bond between the adapter plate and existing sump. Fill any gaps or voids with additional EP2A epoxy to create a continuous seal around the full bonding area.

12 Install the Twist-Lok cover and cure

Apply PCI dry lubricant to the gasket and mating surface, then place and secure the Twist-Lok cover. Allow the adhesive to cure fully per the current EP2A instructions before testing or placing the assembly in service.



Temperature	Gel Time	Cure Time
65°F	10 minutes	2 hours
95°F	10 minutes	45 minutes

CURING, TESTING & MAINTENANCE

Cure time depends on the EP2A product instructions and installation conditions. Do not disturb the bond during cure. After full cure, inspect and test per PCI requirements before service. Clean and lubricate the cover gasket monthly and each time the cover is removed. Remove any collected liquid properly; investigate leaks and retest after repair.