**Introduction**

This Installation Instruction Guide covers the installation of the CLC-33 Compression Latch Cover on all OPW Fueling Containment Systems Tank Sumps. Additionally, instructions for the LRK-CLC Latch Replacement Kit is also included.

The CLC-33 Compression Latch Cover package includes (See Figure 1):

1. Sump Lid Cover with Latches (Part Number 206037)
2. Sump Gasket (Part Number H13214M)
3. Installation Instruction Guide

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**Fiberglass Tank Sumps - Retrofit**

**Step 1**
Remove sump lid knobs and remove the lid. **Note:** Do not remove the studs from the top of the sump.

**Step 2**
Replace original sump gasket with the new sump gasket provided as shown in Figure 2. **Note:** Clean surface before installing gasket.
Step 3
Install sump lid.

a. Open sump lid latches by pressing firmly on the center of the button. See Figure 3.
b. Ensure the latches’ retaining bolt is positioned as shown in Figure 4.
c. Install lid by aligning studs with the holes in sump lid.
d. Close latches by pressing firmly on the top of the latch as shown in Figure 5.

Step 4
If the latches can’t be closed by hand, turn to Page 4 and follow the instructions to adjust the compression of the latches.

Step 5
Close the latch cover by positioning the cover over the latch and pressing with a flat hand as shown in Figure 6. This completes the installation.

FIBERGLASS TANK SUMPS - NEW INSTALLATION

Step 1
Install new sump gasket as shown in Figure 7. Note: Do not remove the stud ring from the top of the sump. Clean surface before installing gasket.

Step 2
Install sump lid.

a. Open sump lid latches by pressing firmly on the center of the button. See Figure 8.
b. Ensure the latches’ retaining bolt is positioned as shown in Figure 9.

Step 3
Measure the height of the lip of the tank sump from the inside and cut the lip down to 3/4” if necessary. See Figure 14.

POLYETHYLENE TANK SUMPS - RETROFIT

Step 1
Install new sump gasket as shown in Figure 12. Note: Do not remove the stud ring from the top of the sump. Clean surface before installing gasket.

Step 2
Measure the ID of the opening of the tank sump and cut to 28” if necessary. See Figure 13.

Step 3
If the latches can’t be closed by hand, turn to Page 4 and follow the instructions to adjust the compression of the latches.

Step 4
Close the latch cover by positioning the cover over the latch and pressing with a flat hand as shown in Figure 11. This completes the installation.
Step 4
Install sump lid.
   a. Open sump lid latches by pressing firmly on the center of the button as shown in Figure 15.
   b. Ensure the latches’ retaining bolt is positioned as shown in Figure 16.
   c. Install lid by aligning studs with the holes in sump lid.
   d. Close latches by pressing firmly on the top of the latch as shown in Figure 17.

Step 5
If the latches can’t be closed by hand, turn to Page 4 and follow the instructions to adjust the compression of the latches.

Step 6
Close the latch cover by positioning the cover over the latch and pressing with a flat hand as shown in Figure 22. This completes the installation.

POLYETHYLENE TANK SUMPS - NEW INSTALLATION

Step 1
Remove sump lid knobs and remove the lid. Note: Do not remove the stud ring from the top of the sump.

Step 2
Install sump lid.
   a. Open sump lid latches by pressing firmly on the center of the button. See Figure 19.

Step 3
If the latches can’t be closed by hand, turn to Page 4 and follow the instructions to adjust the compression of the latches.

Step 4
Close the latch cover by positioning the cover over the latch and pressing with a flat hand as shown in Figure 22. This completes the installation.

LRK-CLC LATCH REPLACEMENT KIT INSTRUCTIONS

Package Contents
The Latch Replacement Package includes:
(1) Latch
(1) Latch Cover
(1) Installation Instruction Guide

Removal Instructions
Step 1
Remove sump lid from tank sump.
Step 2
Remove the damaged latch from the sump lid by removing the bolt on the bottom of the latch.
Step 3
Remove the latch.

Installation Instructions
Step 1
Remove the bolt on the bottom of the latch and remove the brace.
Step 2
Insert the latch through the rectangular opening of the latch cover as shown in Figure 23.
Step 3
With the sump lid turned upside-down, insert the latch through the rectangular opening of the sump lid. Adjust the orientation so the it matches the orientation shown in Figure 24.

Step 4
If not closed, close the latch.

Step 5
Align the hole of the brace with the hole of the latch and insert the bolt, as shown in Figure 25.

Step 6
Torque the bolt to 40 in-lbs. using a 10mm socket torque wrench. To properly function, the latch must be torqued to 40 in-lbs. If torqued beyond this value, the latch will not function properly and may be damaged.

Step 7
Install the lid on the tank sump.

Step 8
In the event the latches can’t be closed by hand, the retaining bolt will need to be adjusted as discussed on Page 4. This completes the installation.

CLC-33 LATCH COMPRESSION ADJUSTMENT

In the event the latches close loosely against the sump, the retaining bolt will need to be adjusted as follows:

Step 1
Remove sump lid and flip over.

Step 2
Loosen the nut on the retaining bolt, as shown in Figure 26, using a 10mm wrench.

Step 3
Loosen the retaining bolt of the latch, 1/4 turn, as shown in Figure 27, using a 10mm wrench.

Step 4
Tighten the nut on the retaining bolt.

Step 5
Reinstall lid and close latches.

Note: If, after reinstalling the sump lid, the latch is too tight and cannot be closed, tighten the retaining bolt by 1/4 turn.