A1005-517-3

Stainless Steel Spill Containment

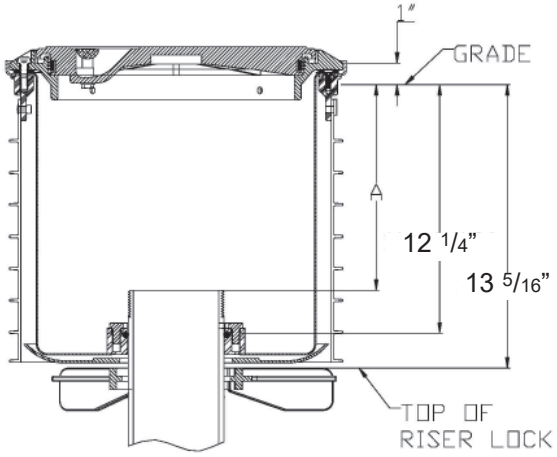
INSTALLATION INSTRUCTIONS

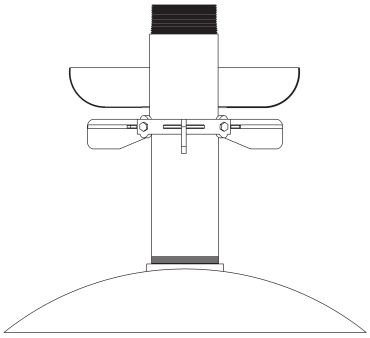
Required Tools :

9/16" socket
12" extension & ratchet
Emco A0081-001
Adapter Wrench

Step 1 Measure

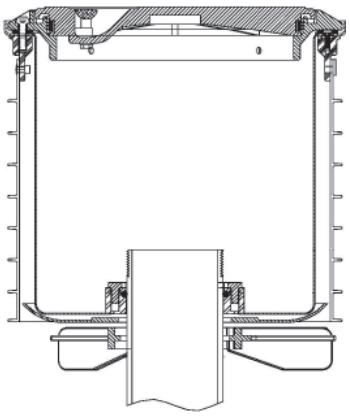
1. Measure Dimension A from grade to the top of the riser pipe. Write the dimension down. This dimension must be greater than 5 3/4" (if using a vapor swivel adapter) or 5 1/4" (if using a fill swivel adapter). If dimension is less than stated, a low profile adapter and/or cap will be required. Dimension A must also be 7 3/4" or less.
2. Measure from grade down 12 1/4". At this dimension, you must have a clean pipe surface on the riser. You can not have threads in this area. This is where the bucket will seal, and it will not seal on pipe threads.





Step 2 Riser Lock and Gravel Pan *(Not included in A1005-517)*

1. Emco Wheaton A0028 riser lock for tank riser pipe is included to prevent turning of the riser pipe during future repair operations. Loosen the riser lock bolts and slip the assembly over the riser pipe at 13 5/16" below grade, and lock in place.
2. Slip the gravel pan over the riser pipe, setting it on the riser lock.



Step 3 Install Manhole

1. Place manhole over riser allowing it to rest on gravel pan.

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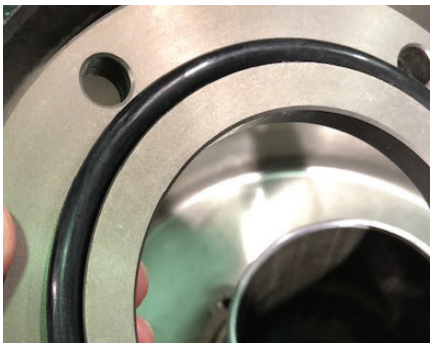
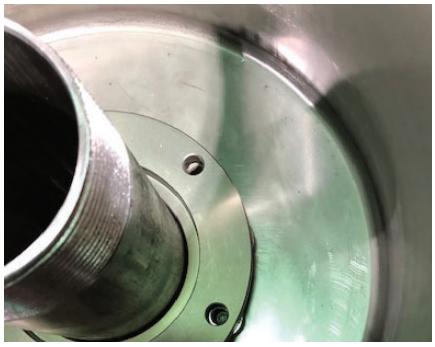
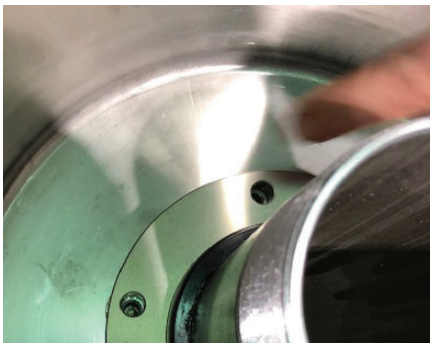
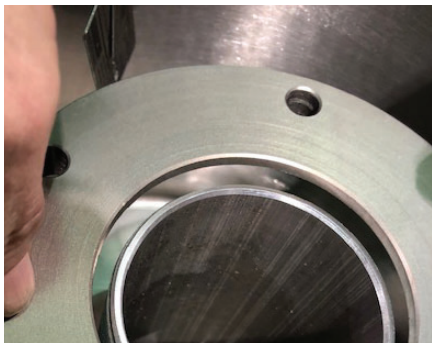




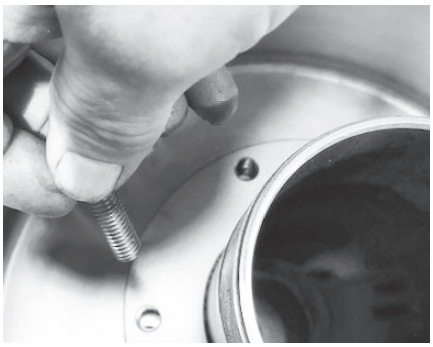
Step 4
1. Install the flange with o-ring side down.





Step 5
1. Install gasket into groove in flange.

Step 6
1. Place second flange over gasket.



Step 7
1. Install 4 of the 5 bolts.

Step 8
Use the fifth bolt to install the grounding clip. The grounding clip must touch the riser pipe.

Step 9
Using a 9/16” socket with extension, torque all ten bolts to 15 ft. lbs.

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Step 10 Install Adapter

1. After installing drop tube or overfill prevention valve, install adapter as per A0030-124S Fill Adapter Instructions or A0076-124S Vapor Adapter Instructions.
2. Torque to 35 ft-lbs.
   Caution: **Do not** overtighten as this can damage the gasket. **Do not** use pipe sealant on adapter threads.
3. Reinstall cap.
4. Perform normal hydrostatic test.
5. Replace lid on manhole.

Step 11 Backfill and Finish

1. Finish back filling over tank and around manhole to depth required for concrete pad.
2. Concrete must completely fill around and under manhole rim to insure proper anchoring. Be sure to allow a 1" crown above grade to manhole rim for water run-off.
3. After concrete has set, remove excess concrete from inside of rim and the runoff channels.
4. Paint lid as required by product color code.

Maintenance	Replacement Items
1. Keep rim/lid and drain areas free of debris. 2. Replace any damaged part at once.	A1004-316CLID Lid and Seal

Tank Operator Responsibilities

Tank operator must ensure that all Federal, Provincial and local codes are being met during the filling of the tank.

All operators must be familiar with proper filling procedures.

The operator responsible for transferring product to an above ground storage tank must take all reasonable steps to prevent spillage.

The delivery hose from the tank's fill pipe must not be disconnected before the hose has been drained completely.

When tank vehicles are being unloaded, the vehicle operators must remain
(a) in constant view of the transfer nozzle and fill pipe; and
(b) in constant attendance at the discharge control valve.

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