



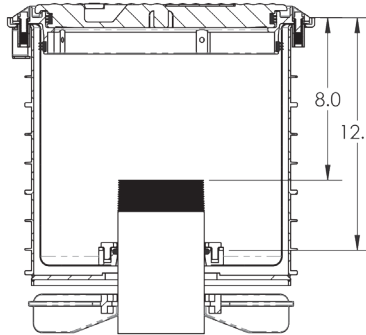
# A1005-517 A1005-517A

Stainless Steel Spill Containment

## INSTALLATION INSTRUCTIONS

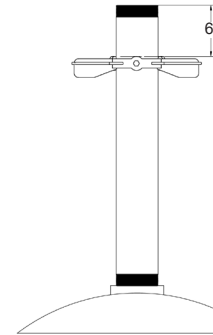
### Required Tools:

- 9/16" socket
- 3/8" socket
- 12" extension & ratchet
- Emco A0081-001 Adapter Wrench
- Torque wrench
- Measuring tape



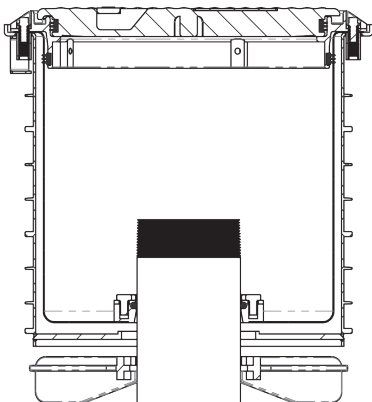
### Step 1 Sizing the Riser Pipe

1. Measure the dimension from the top of the tank bung to grade, Dimension A.
2. Pipe cut length =  $A + 1.0$ " (crown) - 8.0" (above) + .75" (tank bung thread engagement)  
Pipe cut length =  $A - 5.5$ "
3. Thread both ends of the riser.
4. The riser pipe should measure equal to the pipe cut length + 1.0".
5. Note: These calculations account for a 1" crown and a thread engagement of 3/4" into the tank bung.



### Step 2 Install Riser Pipe and Riser Lock

1. Measure from top of riser pipe down 6" and mark pipe. Position riser lock (p/n A0028-001, fins facing down) so that the top of the riser lock (top of the fins) is on the mark. Torque bolts to 15 ft. lbs. Tighten locking nuts to 10 ft. lbs. to prevent bolts from backing out.



### Step 3 Install Manhole

1. Place manhole over riser allowing it to rest on the riser lock.



2. Lubricate the o-ring (p/n 570239) with petroleum jelly or suitable lubricant. Install the o-ring.



3. Install 2-ring flange using 9 of the 10 bolts.
4. Use the tenth bolt to install the grounding clip. The grounding clip must touch the riser pipe.
5. Using a 9/16" socket with extension, torque all ten bolts to 15 ft. lbs.



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## Step 4 Install Cap and Adapter

1. After installing drop tube or overflow prevention valve, install adapter and cap as per manufacturer's instructions.
2. Move the riser lock halfway between the spill container and the tank. Resecure in place per Step 2.
3. Perform normal hydrostatic test.
4. Replace lid on manhole.

## Step 5 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

1. Keep rim/lid and drain areas free of debris.
2. Replace any damaged part at once.

### Replacement Items

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.