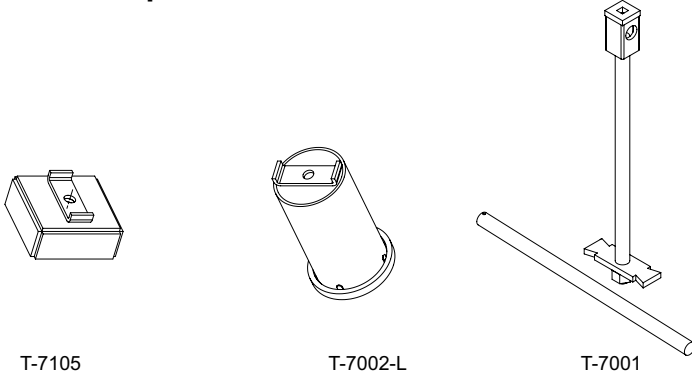


15 Gallon Field-Replaceable Double Wall Spill Container

Model 715-460-xx

Installation

Tools Required



T-7105

T-7002-L

T-7001

Figure 1: Required Tools

T7105 / Spill Bucket Adapter (Installation/Removal)

T-7002-L / Spill bucket riser and adapter install adapter

T-7001 / Tee handle assembly

Installation

Do not disassemble the bolted spill container assembly. Loosening or removing these bolts will compromise the required factory vacuum seal.

Do not remove the rubber caps located at the bottom of the manhole cover bolts. These caps are necessary for cover removal after concrete is poured

1. Cut, thread and install tank riser to the appropriate height.
2. Install the optional Lower Gravel Guard Plate onto the tank riser
3. Remove the spill bucket riser adapter from the spill bucket.
4. Thread on the 715-461-xx double wall spill containment assembly to the tank riser. Tighten to 125-150 Ft-Lbs torque. Required tools for installation: TS-7001 Tee handle and T7105 adapter.

Torque Specifications

125–150 Ft-Lbs. (Spill bucket to tank riser pipe)

75-100 Ft.-Lbs. (Spill bucket to riser adapter)

50-75 Ft.-Lbs. (Fill/Vapor Adapter to Spill Bucket Riser)

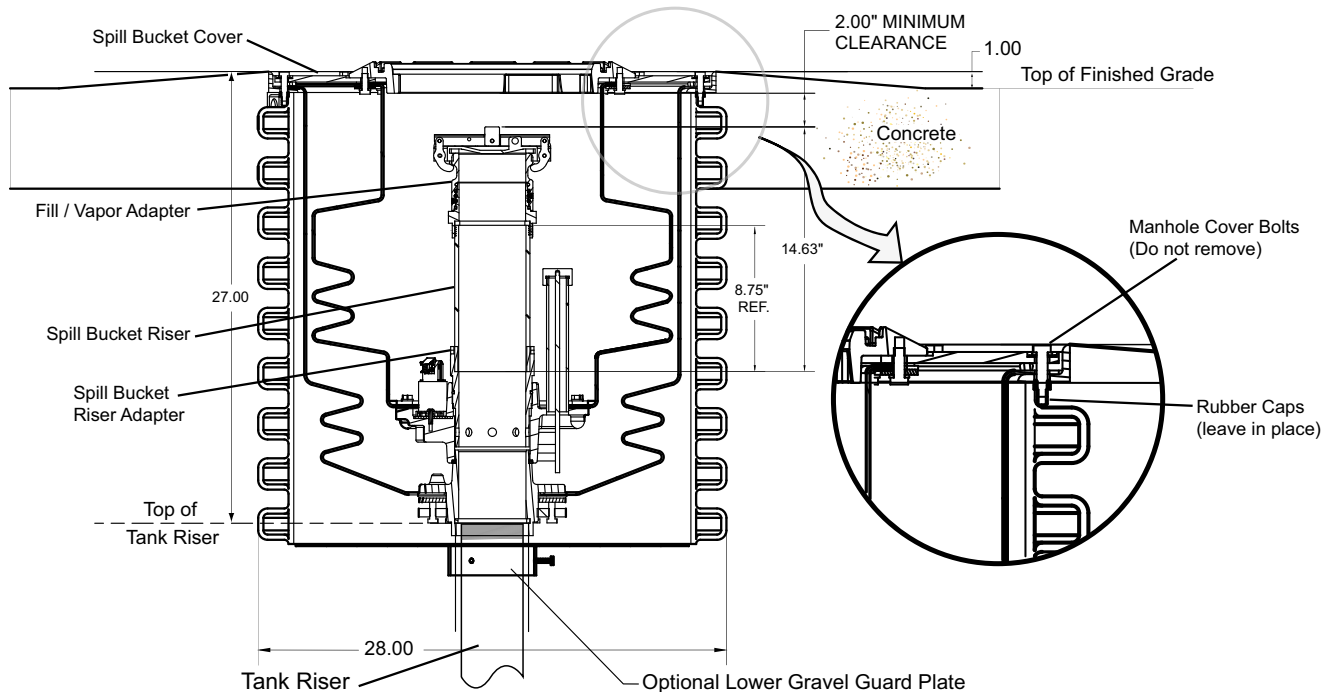


Figure 2: Spill Container Installation

CAUTION – The spill bucket is heavy and requires two technicians for installation to the tank riser. Failure to use two technicians can result in personal strain or injury.

- Do NOT apply pipe dope to the threads connecting the tank riser to the double wall spill bucket. The seal is made by a ¼" gasket under the spill bucket. The addition of pipe dope will make it very difficult to replace the spill bucket
- Use a level placed on the top of the spill bucket to make sure it is level as it is threaded onto the riser pipe.
 5. Install the drop tube. The drop tube and drop tube seal must be installed on the spill bucket's lower adapter ledge before the spill bucket riser adapter is installed.
 6. Cut and thread the riser pipe to the appropriate length. Minimum clearance required from bottom of cover to top of cap is 2".
 7. Turn the spill bucket riser onto the riser adapter. Torque Requirement = 75-100 Ft.-Lbs.
 8. Install the spill bucket riser adapter and riser into the spill bucket. Torque Requirement = 75-100 Ft.-Lbs.
 9. Install the Fill/Vapor adapter to 50-75 Ft.-Lbs. torque onto the riser and install cap.
 10. Test the spill containment assembly per Testing Procedure below.
 11. Fill in the space around the outside of the spill bucket with approved backfill materials.
 12. Double check that the spill bucket is at the proper grade height.
 13. Pour and dome the concrete around the spill bucket and allow for 1" slope away from spill bucket. Keep the cover assembly clean and free of any concrete splatter.

Testing Procedure

Primary/Secondary contained vacuum testing

instructions:

1. Remove the dipstick from inspection port and install approved test cap.
2. Apply vacuum source (pump or generator) and slowly apply vacuum until 26" water column of vacuum to the interstitial space is shown on the gauge and close ball valve.
3. Let spill container sit for 1 minute to stabilize. If needed, reapply vacuum to interstitial space until 26" water column is attained.
4. Allow spill container to rest undisturbed for 5 minutes while under vacuum.
5. Check vacuum gauge after 5 minutes. If the gauge shows less than 24" water column of vacuum the spill container has failed the test. *If failure occurs check that the test cap was properly installed and repeat test.

Note: Keep the temperature of the unit constant during testing. Fluctuations in temperature of the spill container could result in biased results.

Testing recommendations

Test upon installation and before backfilling and thereafter per local codes. Otherwise, Test every 3 years

Monthly Recommended Maintenance & Inspection Procedures

1. Clean any sand, gravel, or dirt from the manhole top cast flange. Buildup of material will prevent the manhole lid from sitting flat and diverting rain water. In addition to water infiltration, this can lead to premature lid failures and tripping hazards.
2. Inspect the cover gasket and replace it if necessary.
3. Inspect the spill container for the presence of liquid. If any is present, identify the material (water or fuel) and dispose of it using your preferred acceptable method (pump it out or drain it into the tank).
4. Inspect the spill container and the drain valve screen for any foreign material collecting in the bottom of the tank. Remove any large objects (leaves, rags, etc.) and wipe the bottom of the tank with a disposable rag.
5. Inspect the tank riser adapter and the dust cap for obvious damage. Verify that the gasket is in the dust cap and that the dust cap still securely latches onto the adapter.

Replacement Parts

Pull to Push Drain Valve – 705-332-19



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