

OPW INSTRUCTIONS INSTALLATION PROCEDURE

H-12260-M
August, 1998

OPW 101BG-2100 Below Grade Spill Container

Important: Please read these warnings and use the assembly instructions completely and carefully before starting. Failure to do so may cause product failure, or result in environmental contamination due to liquid leakage into the soil, creating hazardous spill conditions.

Important: The OPW 101BG-2100 Spill Container is pre-assembled for your convenience and ease of installation. Check to make sure the unit is intact and undamaged and all parts have been supplied. Never substitute parts for those supplied. Doing so may cause product failure.

Warning-Danger:

Using electrically-operated equipment near gasoline or gasoline vapors may result in fire or explosion, causing personal injury and property damage. Be sure that the working area is free from such hazards, and always use proper precautions.

Note: At all times when product is in the storage tank keep the riser pipe capped, so vapors can not escape into the environment.

Notice: OPW products should be used in compliance with applicable federal, state and local laws and regulations. Product selection should be based on physical specifications and limitations and compatibility with the environment and material to be handled. OPW makes no warranty of fitness for a particular use.

All illustrations and specifications in this literature are based on the latest product information available

at the time of publication. OPW reserves the right to make changes at any time in prices, materials, and specifications on any models and to discontinue models without notice or obligation.

Product Warranty:

All OPW parts and products are thoroughly inspected and tested from the time raw material is received at our plant until the product is completed. We guarantee that all products are free from defects in materials and workmanship for a period of one year from the date of shipment. Any products that may prove defective within said one year period will, at OPW's option, be promptly repaired or replaced or credit given for future orders. This warranty shall not apply to any product which has been altered in any way, which has been repaired by any party other than an authorized OPW Service Representative, or when such failure is due to misuse or conditions of use. OPW shall have no liability for special or consequential damages to any party, and shall have no liability for labor costs, freight cost, or any other cost or charges in excess of the invoice for the products.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AND SPECIFICALLY THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF.

Maintenance:

1. Inspect and clean the interior of the spill container on a regular basis to remove any dirt or grit.
2. Keep the drain valve clean. If the valve screen becomes clogged, slide it up over the valve, clean it, and place it back in position.
3. Inspect the container on a regular basis for cracks or cuts. The container must remain tight to do its job properly.
4. Make sure all joints are tight.
5. Perform an annual inspection as described below:

Test the OPW 101BG-2100 for leaks by filling the container with water. A drop in the water level after waiting an hour means that there is a leak. Do not allow the entire water contents to drain into the tank. The leak can be at the nipple, drain valve, or spill container lower seal. To test individually:

1. Check to see that the drain valve is sealing properly. To do this, operate the valve several times. If the unit still leaks, remove the drain valve assembly and replace it with a 1½" expanding coupling plug.
2. If leak continues, remove and reinstall pipe nipple with additional pipe dope. If the spill container holds water at this point, replace the valve assembly.
3. If the unit continues to leak, the entire spill container should be removed from the riser pipe and replaced with another.

OPW 101BG-2100 Installation Instructions

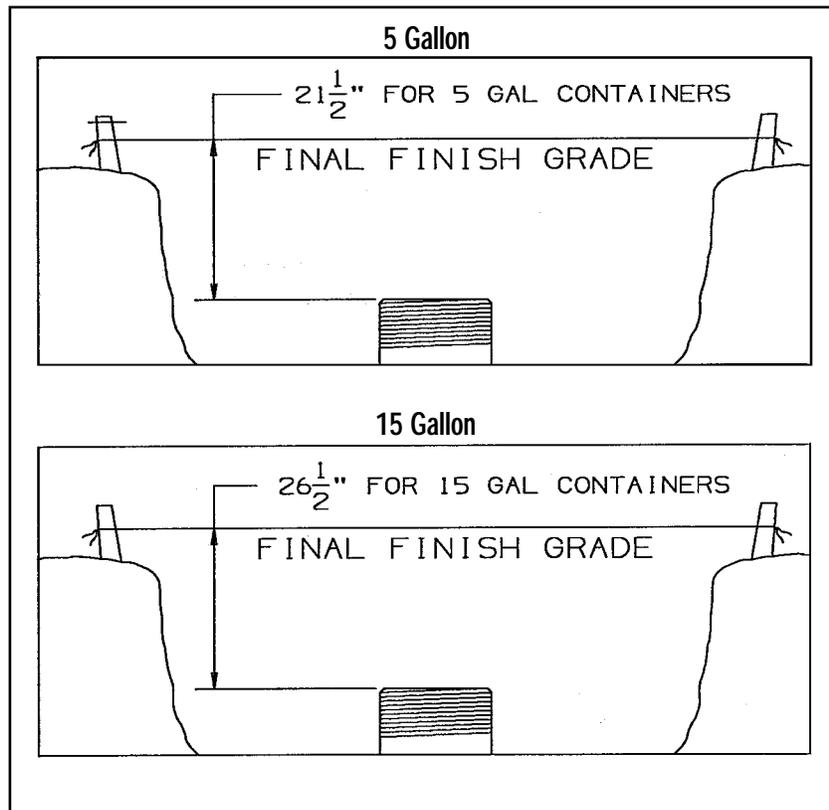


Figure 1

Note: Mounding the manhole up 1" from finish grade is recommended if spill container is located in a water drainage area.

The pre-assembled OPW 101BG-2100 Spill Container is easy to install by carefully following instructions. Should you need help during installation, call OPW Fueling Components Group, Customer Service Department toll free at 1-800-422-2525.

Step 1

Determine the appropriate riser pipe length as shown in the diagram. (See Figure 1)

Deburr the riser pipe before installing the spill container. The burrs may prevent entry of a drop tube.

Step 2

Apply pipe dope to riser threads. Be sure thread sealant is compatible with product to be contained and is in conformance to applicable codes.

Step 3

Install spill container by rotating until hand tight.

Note: Do not attempt to completely tighten the container with any component except the octagon wrenching flats. This could cause possible damage to the container or drain valve.

Step 4

Finish tightening the spill container with a pipe wrench on lower octagon shaped area. Torque to 250 ft. lbs. maximum.

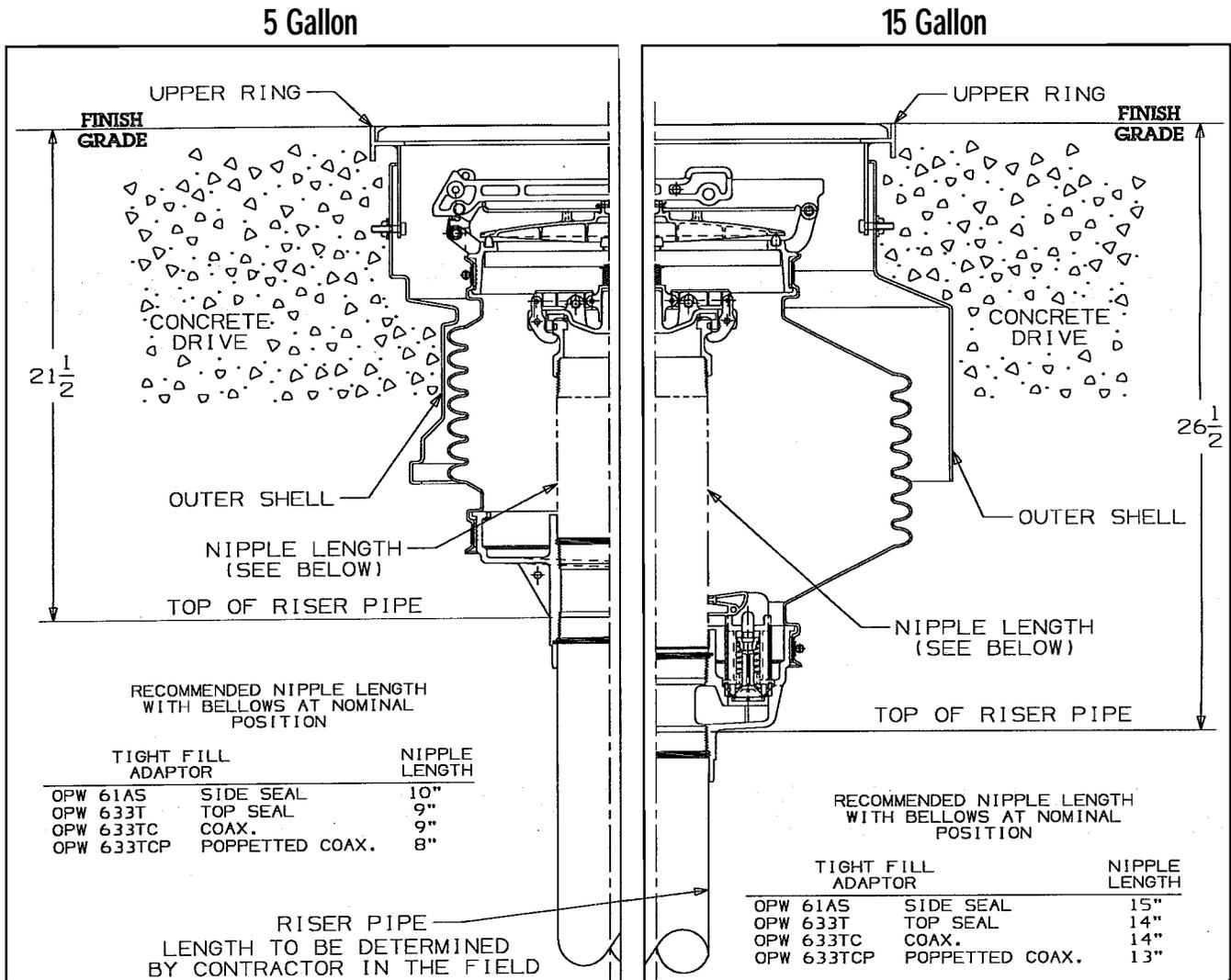


Figure 2
OPW 101BG-2100 Spill Container

Step 5

Install pipe nipple, adaptor, and cap. Install leveling bar under rim of hatch casting and adjust screw to contact cap. (See Figure 3)

Note: Do not attempt to adjust height of spill container with this screw - used for temporary support only.

Step 6

Slide outer shell and ring onto spill container until it rests on bellows. Make final adjustment by loosening the 3 hex bolts and lifting up ring until proper height is reached. Then tighten bolts to hold ring in place.

Step 7

Test the OPW 101BG-2100 for leaks by filling the container with water. A drop in the water level after waiting an hour means that there is a leak. The leak can be at the nipple, drain valve, or spill container lower seal.

To test individually:

1. Check to see that the drain valve is sealing properly. To do this, operate the valve several times. If the unit still leaks, remove the drain valve assembly and replace it with a 1½" expanding coupling plug.

2. If leak continues, remove and reinstall pipe nipple with additional pipe dope. If the spill container holds water at this point, replace the valve assembly.

3. If the unit continues to leak, the entire spill container should be removed from the riser pipe and replaced with another. Retest.

Step 8

Tape cover and mounting ring with duct tape to prevent concrete from settling in the cover recess.

Pour concrete per Figure 2.

Note: Do not stand on spill container before concrete sets up.

Remove tape from cover after concrete has dried.

Retest the spill containers for leaks as described in Step 7, after the concrete has set up.

Installation Adjustment System

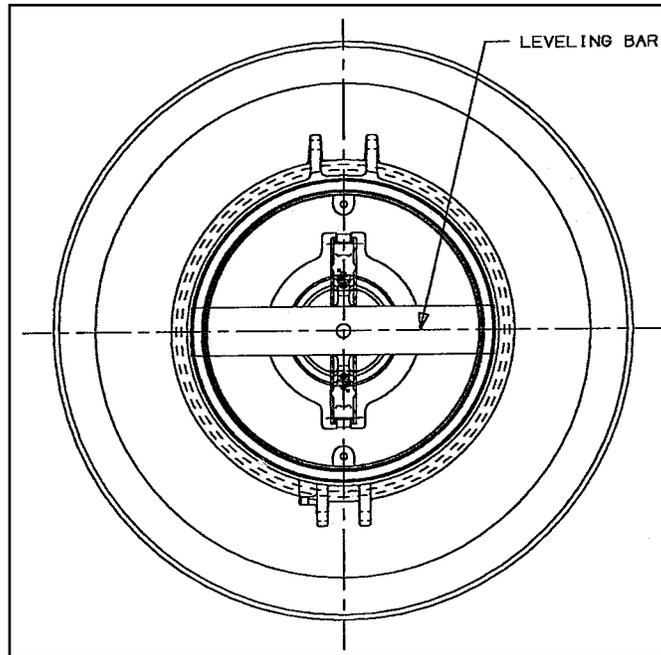


Figure 3



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