

METER PIT MAINTENANCE AND OPERATION

This is the second of a two-part series on water meter pit design and maintenance. This article provides tips on pit maintenance and operation.

Cover Maintenance and Operation

Ford covers require very little maintenance. A simple check and proper operation during the meter reading process provides, in most cases, an effective maintenance and safety check program. The following check list will help.

Before Opening The Meter Pit Cover

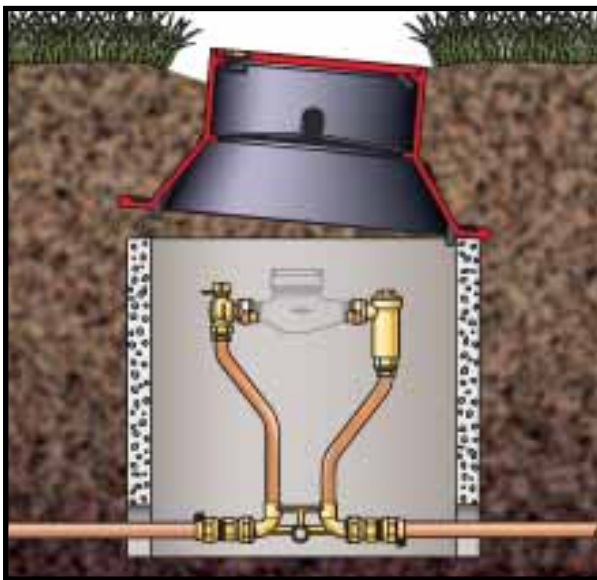
1. Check for ground settling around the cover; the ground should be level with the top of the cover. Fill any voids.
2. Check the top lid; it should be resting firmly in its closed position. If it is incorrectly positioned, the last person with access did not properly close it.

After Opening The Meter Pit Cover

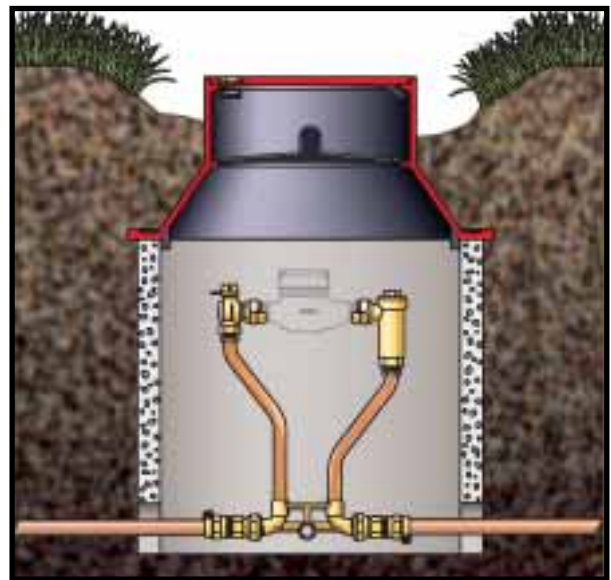
3. Check the cover's frame and top lid for cracks, breaks and deformation. Replace all damaged components immediately.
4. Remove any foreign material that will prevent the top lid from seating properly.

Closing The Meter Pit Cover

5. Check the locking mechanism for smooth turning operation, locking the top lid to the frame in a flush, secure position.



This illustration shows that the cover's frame has shifted and exposed the pit to the surrounding earth. A pit in this condition is in need of immediate repair.



This illustration shows the lid not level with the ground. Voids around the lid should be filled. This protects the cover from damage and pedestrians from possible injury.

