A1100 On Site Upright Functional Test Procedure

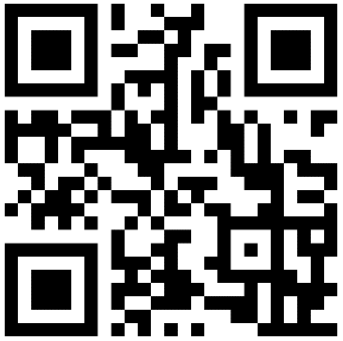
A1100

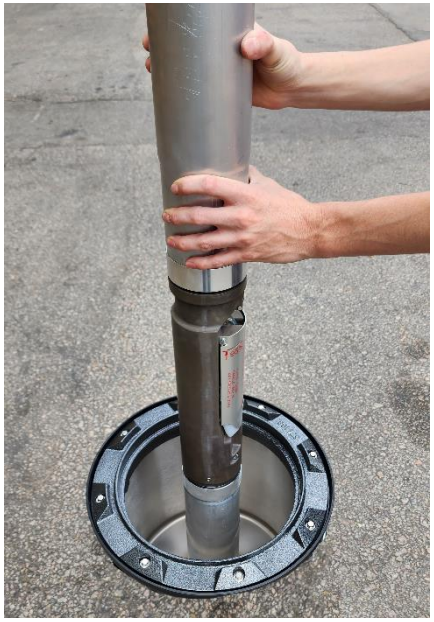
It is very important to read and follow these instructions precisely.

Service Tools Required

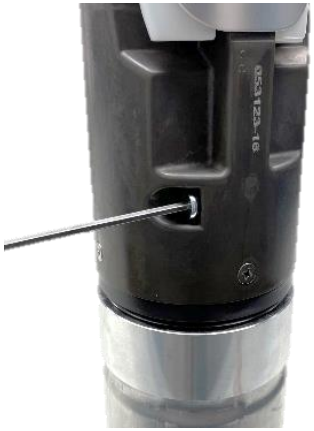
1. Kit P/N: 496360
   (1) 1/8” Allen Wrench
   (1) 9/64” Allen Wrench

Scan the QR Code below for instructions in video form:



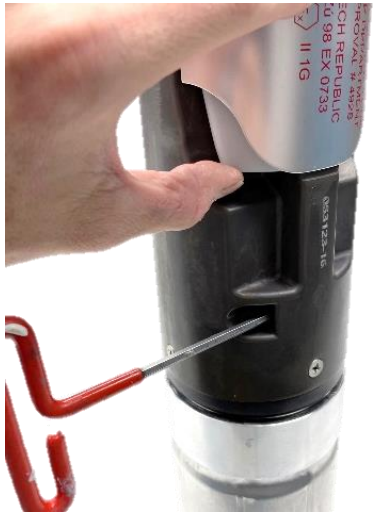


Step 1: Remove the cap and adapter. Raise the valve assembly out of the tank as shown. Use an assistant to hold the valve in position during the testing.



Step 2: Using an 1/8” allen wrench, remove the plug from the valve.

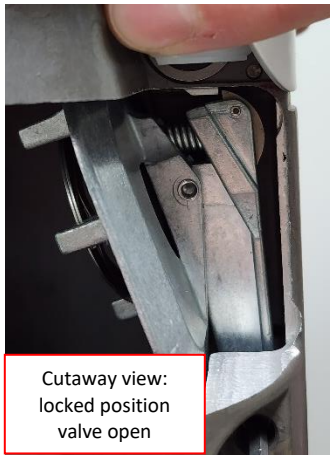
Step 3: Turn the primary flapper counterclockwise with a 9/64” allen wrench. If the wrench turns 5° or less, the primary flapper is in the locked position (valve open) and is working properly.



Step 4: Lift up the bottom float as shown and turn the 9/64” allen wrench 90° counterclockwise placing the primary flapper in the unlocked position (valve closed). Release the float but hold the allen wrench in the turned position.

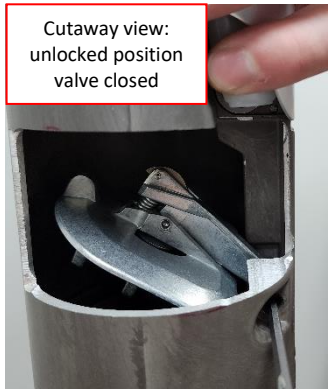
Step 5: While the flapper is in the closed position, lift and release the float; it should rise and fall smoothly. Do this 3-4 times to ensure proper operation.

Step 6: With the float in the down position, release the 9/64” allen; the flapper should spring back to the locked position (valve open). You should hear the flapper relatch into the open position.



Cutaway view: locked position valve open

Step 7: Re-insert the 9/64” allen wrench. Without moving the float, attempt to turn the wrench counterclockwise to check if the flapper is in the locked open position. If the primary flapper moves less than 5 degrees, then the valve is in proper working order.



Cutaway view: unlocked position valve closed

Step 8: Re-insert the plug into the valve with the 1/8” allen wrench. Securely tighten.