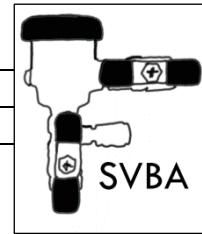
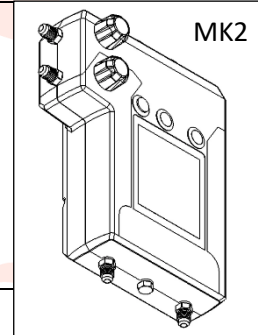


SVBA Test Using a Mako MK2 2-Valve Test Kit, per USC FCCCHR Manual 10



Step	Procedure
1.	NOTIFY OWNER , identify, inspect, and observe assembly.
2.	<p>SETUP TEST</p> <ol style="list-style-type: none"> a. Remove air inlet valve canopy b. Open the test cock then close the test cock c. Open the vent valve (loosen screw) then close the vent valve (tighten screw) d. Attach bleed-off valve arrangement to test cock e. Attach high side hose of MK2 to the bleed-off valve arrangement f. Verify MK2 is turned on and captured values are cleared (Hold Down the Back Button) g. Close all MK2 test kit valves <p>Note: Install appropriate fittings if necessary</p>
3.	<p>BLEED AIR FROM HOSE and ATTAIN SUPPLY PRESSURE</p> <ol style="list-style-type: none"> a. Open test cock b. Open high side bleed valve of MK2 c. <i>Note: To aid in determining the opening of the air inlet valve, the area on top of the valve may be filled with the water from the bleed valve of MK2</i> d. Close the high side bleed valve e. Close #2 shutoff valve f. If you report supply pressure, once satisfied with the reading on the gauge: <u>RECORD psid reading (Press the Capture Button) for the supply pressure</u> g. Elevate the MK2 Rate-of-Change Graph to same level as the vent valve h. Close #1 shutoff valve
4.	<p>CHECK VALVE TEST</p> <ol style="list-style-type: none"> a. Slowly Open vent valve (loosening or removing screw) b. Once flow of water from vent valve stops or is no more than a drip AND the reading on MK2 stabilizes: c. <u>RECORD psid reading (Press the Capture Button)</u>
5.	<p>AIR INLET VALVE OPENING TEST</p> <ol style="list-style-type: none"> a. Maintain the MK2 Rate-of-Change Graph at same level as the vent valve b. Slowly Open the high side bleed valve <i>no more than ¼ turn</i> c. <u>RECORD psid reading (Press the Capture Button) when air inlet valve opens</u> d. Close the high side bleed valve e. Remove the high side hose from the bleed-off valve to drain water from the body f. <u>RECORD whether the air inlet valve fully opens</u> g. Close test cock h. Close the vent valve (replace screw)
6.	<p>REMOVE ALL EQUIPMENT</p> <ol style="list-style-type: none"> a. Slowly open #1 shutoff valve b. Slowly open #2 shutoff valve c. Replace the air inlet valve canopy d. Remove all test equipment and fittings e. Open Low Bleed and High Bleed valves; drain water from hose(s) f. Notify owner g. Fill out test report



to see the MAKO in action