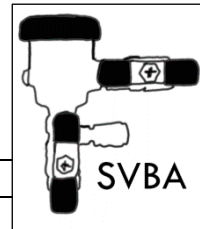


# SVBA Test Using a Mako MK2 2-Valve Test Kit



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

