
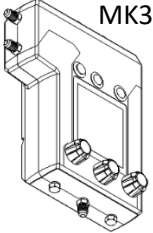


## PVBA Test Using a MAKO MK3 3-Valve Test Kit, per USC FCCCHR Manual 10

Step	Procedure	
1.	<b>NOTIFY OWNER</b> , identify, inspect, and observe assembly.	 <p>PVBA</p>
2.	<b>SETUP TEST</b> <ol style="list-style-type: none"> <li>a. Remove air inlet valve canopy</li> <li>b. Open then close Test Cock (TC) #1 and TC #2</li> <li>c. Connect bleed-off valve arrangement to TC #1</li> <li>d. Attach the high side hose of MK3 to TC #2</li> <li>e. Verify MK3 is turned on and captured values are cleared (Hold Down the Back Button)</li> <li>f. Close all MK3 test kit valves</li> </ol> <p>Note: If needed, install appropriate fittings to test cocks.</p>	
3.	<b>REMOVE AIR FROM THE HOSE</b> <ol style="list-style-type: none"> <li>a. Open TC #2</li> <li>b. Open bypass valve on MK3 (leave open)</li> <li>c. Open the high side valve on MK3 then close high side valve</li> </ol>	
4.	<b>AIR INLET VALVE TEST</b> <ol style="list-style-type: none"> <li>a. Close #2 shutoff valve</li> <li>b. Elevate MK3's Rate-of-Change Graph to be level with the air inlet valve</li> <li>c. Close #1 shutoff valve</li> <li>d. Slowly Open high side valve <i>no more than ¼ turn</i></li> <li>e. <b><u>RECORD psid (Press the Capture Button) when the air inlet valve opens</u></b></li> <li>f. Close the high side valve</li> <li>g. Remove the high side hose from TC #2 to drain water from the body</li> <li>h. <b><u>RECORD whether the air inlet valve is fully open</u></b></li> <li>i. Close TC #2</li> <li>j. Open #1 shutoff valve</li> </ol>	
5.	<b>SETUP TEST</b> <ol style="list-style-type: none"> <li>a. Attach high side hose of MK3 to bleed-off valve arrangement at TC #1</li> <li>b. Slowly Open TC #1</li> <li>c. Open the high side valve on MK3 then close high side valve</li> </ol>	
6.	<b>TIGHTNESS OF CHECK VALVE TEST</b> <ol style="list-style-type: none"> <li>a. Elevate MK3's Rate-of-Change Graph to be level with TC #2</li> <li>b. Close #1 shutoff valve</li> <li>c. Open TC #2</li> <li>d. Once water stops draining from TC #2 or is no more than a drip AND reading on MK3 stabilizes:</li> <li>e. <b><u>RECORD psid (Press the Capture Button)</u></b></li> <li>f. Close TC #1 and TC #2</li> </ol>	
7.	<b>REMOVE EQUIPMENT</b> <ol style="list-style-type: none"> <li>a. Slowly open #1 shutoff valve and #2 shutoff valve</li> <li>b. Replace the air inlet valve canopy</li> <li>c. Remove all test equipment and fittings</li> <li>d. Open the high, low, and bypass valves; drain water from hose(s)</li> <li>e. Notify owner</li> <li>f. Fill out test report</li> </ol>	 <p>MK3</p>



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being performed