
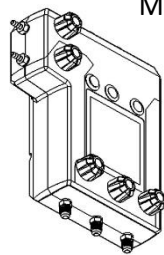


PVBA Test Using the MAKO MK5 5-Valve Test Kit, per USC FCCCHR Manual 10

Step	Procedure	
1.	NOTIFY OWNER , identify, inspect, and observe assembly.	 <p>PVBA</p>
2.	SETUP TEST <ol style="list-style-type: none"> a. Remove air inlet valve canopy b. Open then close Test Cock (TC) #1 and TC #2 c. Connect bleed-off valve arrangement to TC #1 d. Attach the high side hose of MK5 to TC #2 e. Verify MK5 is turned on and captured values are cleared (Hold Down the Back Button) f. Close all MK5 test kit valves <p>Note: If needed, install appropriate fittings to test cocks.</p>	
3.	REMOVE AIR FROM THE HOSE <ol style="list-style-type: none"> a. Open the high side bleed valve on MK5 then close high side bleed valve 	
4.	AIR INLET VALVE TEST <ol style="list-style-type: none"> a. Close #2 shutoff valve b. Elevate MK5's Rate-of-Change Graph to be level with the air inlet valve c. Close #1 shutoff valve d. Slowly Open high side bleed valve <i>no more than ¼ turn</i> e. <u>RECORD psid (Press the Capture Button) when the air inlet valve opens</u> f. Close the high side bleed valve g. Remove the high side hose from TC #2 to drain water from the body h. <u>RECORD whether air inlet valve is fully open</u> i. Close TC #2 j. Open #1 shutoff valve 	
5.	SETUP TEST <ol style="list-style-type: none"> a. Attach high side hose of MK5 to bleed-off valve arrangement at TC #1 b. Slowly Open TC #1 c. Open the high side bleed valve on MK5 then close high side bleed valve 	
6.	TIGHTNESS OF CHECK VALVE TEST <ol style="list-style-type: none"> a. Elevate MK5's Rate-of-Change Graph to be level with TC #2 b. Close #1 shutoff valve c. Open TC #2 d. Once water draining from TC #2 stops or is no more than a drip AND reading on MK5 stabilizes: e. <u>RECORD psid (Press the Capture Button)</u> f. Close TC #1 and TC #2 	
7.	REMOVE EQUIPMENT <ol style="list-style-type: none"> a. Slowly open #1 shutoff valve and #2 shutoff valve b. Replace the air inlet valve canopy c. Remove all test equipment and fittings d. Open High, Low, Bypass valves and High/Low bleed valves; drain water from hose(s) e. Notify owner f. Fill out test report 	 <p>MK5</p>



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