
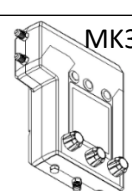


DCVA Test Using a MAKO MK3 3-Valve Test Kit, per USC FCCCHR Manual 10

Step	Procedure	
1.	NOTIFY OWNER , identify, inspect, observe assembly	 DCVA
2.	OPEN TEST COCKS <ol style="list-style-type: none"> a. Open and then close Test Cock (TC) #1, followed by TC #2, TC #3, and TC #4 b. If TC #3 is not the highest point of the check valve body, install sight tube or pipe at TC #3 Note: Install appropriate fittings to test cocks if needed.	
3.	CONNECT TEST KIT <ol style="list-style-type: none"> a. Verify MK3 is turned on and captured values are cleared (Hold Down the Back Button) b. Close all MK3 test kit valves c. Connect bleed-off valve arrangement to TC #2 d. Connect hose from the high side of MK3 to the bleed-off valve e. Open TC #2 f. Open bypass valve on MK3 (leave open) g. Bleed air from MK3 by opening the high side valve then closing the high side valve h. Open TC #3 to fill the TC #3 (or tube) so that the water level is above the top of the check valve body, then close TC #3 	
4.	ISOLATE <ol style="list-style-type: none"> a. Close #2 shutoff valve b. Elevate MK3 so that the Rate-of-Change graph is level with the water at TC #3 c. Close #1 shutoff valve 	
5.	TEST CHECK VALVE #1 <ol style="list-style-type: none"> a. Slowly open TC #3 b. Once the reading stabilizes and water stops running out of TC #3 or is no more than a drip: c. <u>RECORD psid reading (Press the Capture Button)</u> d. Close all test cocks e. Open #1 shutoff valve f. Remove all test equipment 	
6.	CONNECT TEST KIT <ol style="list-style-type: none"> a. Connect bleed-off valve arrangement to TC #3 b. Connect hose from high side of the MK3 to the bleed-off valve arrangement c. If TC #4 is not the highest point on the check valve body, install sight tube or pipe at TC #4 d. Open TC #3 and bleed air from MK3 by opening the high side valve then closing the high side valve e. Open TC #4 to fill TC #4 (or tube/pipe) so that the water level is above the top of the check valve body f. Close TC #4 	
7.	TEST CHECK VALVE #2 <ol style="list-style-type: none"> a. Elevate MK3 so that the Rate-of-Change graph is level with the water at TC #4 b. Close #1 shutoff valve c. Slowly open TC #4 d. Once the reading stabilizes and water stops running out of TC #4 or is no more than a drip: e. <u>RECORD psid reading (Press the Capture Button)</u> f. Close all test cocks 	
8.	REMOVE EQUIPMENT <ol style="list-style-type: none"> a. Slowly open #1 shutoff valve and #2 shutoff valve b. Remove all equipment c. Open the high, low, and bypass valves; drain water from hose(s) d. Notify owner e. Fill out test report 	 MK3



Arbiter

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