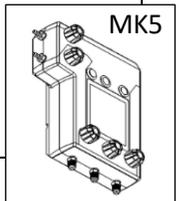
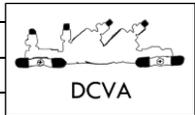


DCVA Test Using the MAKO MK5 5-Valve Test Kit, per USC FCCCHR Manual 10

Step	Procedure
1.	NOTIFY OWNER , identify, inspect, observe assembly, install fittings to test cocks if needed.
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
3.	CONNECT TEST KIT <ol style="list-style-type: none"> a. Verify MK5 is turned on and captured values are cleared (Hold Down the Back Button) b. Close all MK5 test kit valves c. Connect bleed-off valve arrangement to TC #2, and the hose from the high side of the MK5 to the bleed-off valve arrangement d. <i>Slowly</i> open TC #2 e. Bleed air from MK5 by opening the high side bleed valve then closing the high side bleed valve f. Slowly open TC #3 to fill TC #3 (or tube/pipe) so that the water level is above the top of the check valve body, then close TC #3
4.	ATTAIN LINE PRESSURE and ISOLATE DCVA <ol style="list-style-type: none"> a. Close #2 shutoff valve b. If you need to report line pressure, RECORD psid reading (Press the Capture Button) c. Elevate MK5 so that the Rate-of-Change graph is level with the water at TC #3 d. 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. RECORD psid reading (Press the Capture Button) 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, and the hose from the high side of the MK5 to the bleed-off valve arrangement b. If TC #4 is not at the highest point on the check valve body, install sight tube at TC #4 c. <i>Slowly</i> open TC #3 and bleed air from MK5 by opening the high side bleed valve then closing the high side bleed valve d. Open TC #4 to fill TC #4 (or tube/pipe) so that the water level is above the top of the check valve body e. Close TC #4
7.	TEST CHECK VALVE #2 <ol style="list-style-type: none"> a. Elevate MK5 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. RECORD psid reading (Press the Capture Button) f. Close all test cocks
8.	REMOVE EQUIPMENT <ol style="list-style-type: none"> a. Slowly open #1 and #2 shutoff valves and remove all test equipment b. Open the high, low, and bypass valves and the high/low bleed valves; drain water from hose(s) c. Notify owner d. Fill out test report



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