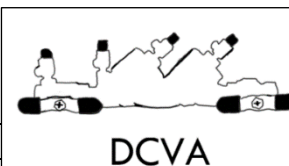


DCVA Test Using a Mako MK5 5-Valve Test Kit



Step	Procedure
1.	NOTIFY OWNER , identify, inspect, observe assembly
2.	OPEN TEST COCKS <ol style="list-style-type: none"> Open and then close Test Cock (TC) #1, followed by TC #2, TC #3, and TC #4 If TC #3 is not the highest point of the check valve body, install sight tube or pipe at TC #3 <p>Note: Install appropriate fittings to test cocks if needed.</p>
3.	CONNECT TEST KIT <ol style="list-style-type: none"> Verify MK5 is turned on and captured values are cleared (Hold Down the Back Button) Close all MK5 test kit valves Connect bleed-off valve arrangement to TC #2, and the hose from the high side of the MK5 to the bleed-off valve arrangement Open TC #2 and RECORD line pressure reading (Press the Capture Button) Bleed air from MK5 by opening the high side bleed valve then closing the high side bleed valve 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.	ISOLATE <ol style="list-style-type: none"> Close #2 shutoff valve Elevate MK5 so that the Rate-of-Change graph is level with the water at TC #3 Close #1 shutoff valve
5.	TEST CHECK VALVE #1 <ol style="list-style-type: none"> Slowly open TC #3 Once the reading stabilizes and water stops running out of TC #3 or is no more than a drip: RECORD psid reading (Press the Capture Button) Close all test cocks Open #1 shutoff valve Remove all test equipment
6.	CONNECT TEST KIT <ol style="list-style-type: none"> Connect bleed-off valve arrangement to TC #3, and the hose from the high side of the MK5 to the bleed-off valve arrangement If TC #4 is not at the highest point on the check valve body, install sight tube at TC #4 Open TC #3 and bleed air from MK5 by opening the high side bleed valve then closing the high side bleed valve Open TC #4 to fill TC #4 (or tube/pipe) so that the water level is above the top of the check valve body Close TC #4
7.	TEST CHECK VALVE #2 <ol style="list-style-type: none"> Elevate MK5 so that the Rate-of-Change graph is level with the water at TC #4 Close #1 shutoff valve Slowly open TC #4 Once the reading stabilizes and water stops running out of TC #4 or is no more than a drip: RECORD psid reading (Press the Capture Button) Close all test cocks
8.	REMOVE EQUIPMENT <ol style="list-style-type: none"> Slowly open #1 and #2 shutoff valves and remove all test equipment Open the high, low, and bypass valves and the high/low bleed valves; drain water from hose(s) Notify owner Fill out test report

