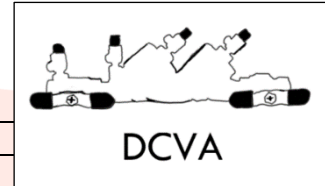


DCVA Test Using Mako MK3 3-Valve Test Kit



Step	Procedure
1.	NOTIFY OWNER , identify, inspect, observe assembly
2.	<p>OPEN TEST COCKS</p> <ul 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 <p>Note: Install appropriate fittings to test cocks if needed.</p>
3.	<p>CONNECT TEST KIT</p> <ul 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 and RECORD line pressure (Press the Capture Button) 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.	<p>ISOLATE</p> <ul 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.	<p>TEST CHECK VALVE #1</p> <ul 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.	<p>CONNECT TEST KIT</p> <ul 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.	<p>TEST CHECK VALVE #2</p> <ul 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. RECORD psid reading (Press the Capture Button) f. Close all test cocks
8.	<p>REMOVE EQUIPMENT</p> <ul 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

