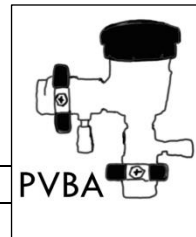


PVBA Test Using a Mako MK5 5-valve Test Kit



| Step | Procedure | PVBA |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| 1. | NOTIFY OWNER , identify, inspect, and observe assembly. | |
| 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 Note: If needed, install appropriate fittings to test cocks. | |
| 3. | REMOVE AIR FROM THE HOSE <ol style="list-style-type: none"> a. Open TC #2 and RECORD line pressure reading (Press the Capture Button) b. 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. RECORD psid (Press the Capture Button) when the air inlet valve opens f. Close the high side bleed valve g. Remove the high side hose from TC #2 to drain water from the body h. RECORD whether air inlet valve is fully open 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. RECORD psid (Press the Capture Button) 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 | |