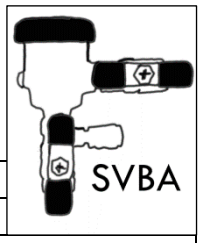
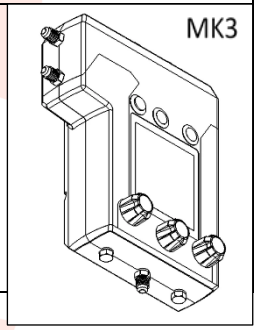
SVBA Test Using a MAKO MK3 3-Valve Test Kit



Step	Procedure
1.	**NOTIFY OWNER**, identify, inspect, and observe assembly.
2.	**SETUP TEST** a. Remove air inlet valve canopy b. Open the test cock then close the test cock c. Open the vent valve (loosen screw) then close the vent valve (tighten screw) d. Attach bleed-off valve arrangement to test cock e. Attach high side hose of MK3 to the bleed-off valve f. Verify MK3 is turned on and captured values are cleared (Hold Down the Back Button) g. Close all MK3 test kit valves Note: Install appropriate fittings if necessary
3.	**BLEED AIR FROM HOSE** a. Open test cock b. Open bypass valve of MK3 (leave open) c. Open high side valve of MK3 *d. Note: To aid in determining the opening of the air inlet valve, the area on top of the valve may be filled with the water from the bypass valve of MK3* e. Close the high side valve f. Close #2 shutoff valve g. Elevate the MK3 Rate-of-Change Graph to same level as the vent valve h. Close #1 shutoff valve
4.	**CHECK VALVE TEST** a. Slowly Open vent valve (loosening or removing screw) b. Once flow of water from vent valve stops or is no more than a drip AND the reading on MK3 stabilizes: c. **RECORD psid reading (Press the Capture Button)**
5.	**AIR INLET VALVE OPENING TEST** a. Maintain the MK3 Rate-of-Change Graph at same level as the vent valve b. Slowly Open the high side valve *no more than ¼ turn* c. **RECORD psid reading (Press the Capture Button) when air inlet valve opens** d. Close the high side valve e. Remove the high side hose from the bleed-off valve to drain water from the body f. **RECORD whether the air inlet valve fully opens** g. Close test cock h. Close the vent valve (replace screw)
6.	**REMOVE ALL EQUIPMENT** a. Slowly open #1 shutoff valve b. Slowly open #2 shutoff valve c. Replace the air inlet valve canopy d. Remove all test equipment and fittings e. Open the high, low, and bypass valves; drain water from hose(s) f. Notify owner g. Fill out test report



Scan QR code to see the MAKO in action