



TESTING A DETECTOR CHECK VALVE (888)

- ASSEMBLY SHOULD BE ON AND AIR REMOVED FROM TEST COCKS.
- **FIRST TEST THE BY-PASS CHECK VALVE:**
 - TURN ON TEST COCK #3 SLOWLY AND LET RUN SLOWLY.
 - TURN OFF THE CITY SIDE BYPASS SHUT OFF VALVE.
 - OBSERVE IF THE TEST COCK #3 WATER FLOW STOPS. THIS WILL INDICATE IF THE BYPASS CHECK VALVE IS HOLDING BACKPRESSURE.
 - IF WATER CONTINUES TO FLOW FROM TEST COCK #3, CLEAN OR REPAIR, THEN RETEST.
- **MAIN ASSEMBLY TEST:**
 - ATTACH A PRESSURE GAUGE TO TEST COCK #4, PRESSURIZE AND NOTE READING ON GAUGE.
 - TURN OFF SHUT OFF VALVE #1.
 - SLOWLY OPEN TEST COCK #2 TO REDUCE PRESSURE TO THE CITY SIDE OF THE CHECK VALVE.
 - THE PRESSURE GAUGE SHOULD STAY AT OR NEAR INITIAL READING – THEN ASSEMBLY PASSES.
 - IF THE MAIN ASSEMBLY IS LEAKING, CLEAN OR REPAIR AND RECHECK.
- AS WITH ANY CHECK VALVE, IT MUST HOLD AT LEAST 1 PSI.

