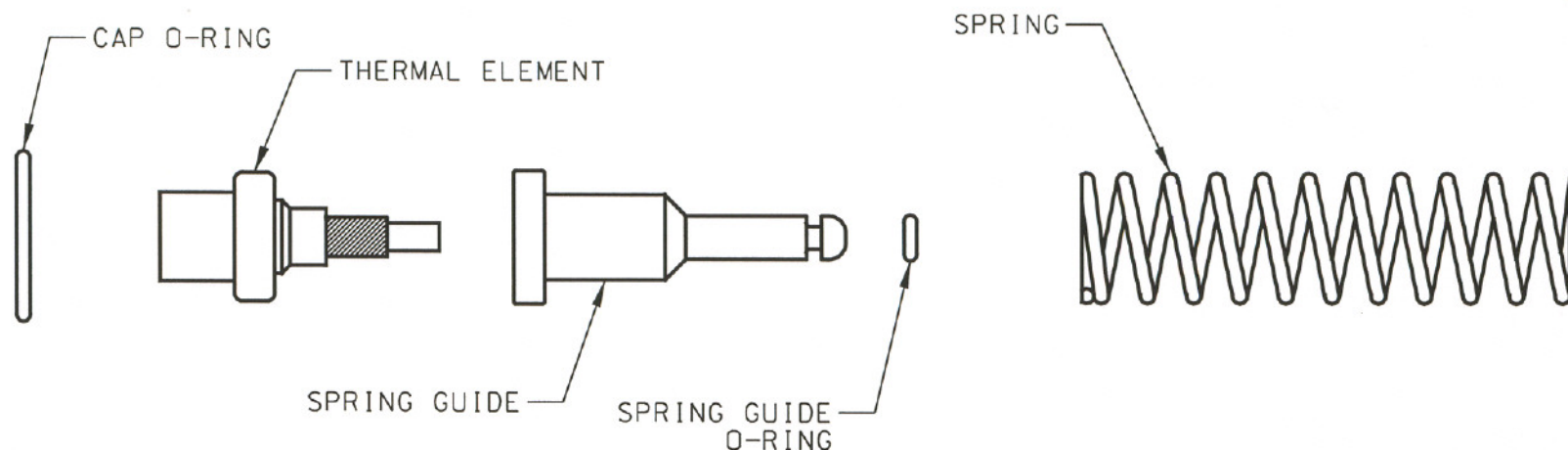


REPAIR & TESTING INSTRUCTIONS FOR FREEZE PROTECTION VALVE (MODELS 40-000-FPV1 & 40-000-FPV2)



INSTRUCTIONS FOR REPAIR:

1. CAREFULLY REMOVE THE SPRING-LOADED CAP.
2. REMOVE AND DISCARD THE CAP O-RING, THERMAL ELEMENT, SPRING GUIDE (WITH O-RING), AND SPRING.
3. CLEAN THE INSIDE OF THE VALVE BODY AND CAP.
4. ENSURE THAT THE $\varnothing.250$ BORE (BOTTOM OF THE VALVE) IS CLEAN AND UNDamAGED.
5. INSTALL THE NEW CAP O-RING ON THE CAP.
6. INSTALL THE NEW SPRING GUIDE O-RING ON THE NEW SPRING GUIDE.
7. LIGHTLY LUBRICATE THE SPRING GUIDE O-RING.
8. INSTALL REPLACEMENT PARTS IN THIS ORDER: SPRING, THEN SPRING GUIDE (WITH O-RING), THEN THERMAL ELEMENT.
9. REPLACE CAP. CAP WILL BE SPRING LOADED - USE CAUTION.

FIELD TESTING:

1. PRESSURIZE FPV WITH WATER AT 20 PSI (APPROX.).
2. NO LEAKAGE FROM THE $\varnothing.250$ PORT (BOTTOM OF THE VALVE) SHOULD BE VISIBLE.
3. REPEAT PROCEDURE AT 150 PSI (APPROX.).



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