

# **THERMAL**

## **ENGINEERING COMPANY**

### **1003RK Repair Kit for Thermal Cap-Check**

When repairing your Thermal Cap-Check, please note the following:

1. Do not remove the gauge post and disassemble the oil reservoir unless absolutely necessary. Should it be necessary to do so, reassemble the oil reservoir very carefully. Both ends of the 1061 nipple should be wrapped with Teflon tape. The gauge post (1021A) should be tightened onto the pipe nipple enough to assure a good seal between the cylinder and the o-rings.

NOTE: Overtightening of the gauge post will result in distortion of the cylinder and may strip the threads.

2. The fiber washer fits between the IO41A pump assembly and the base casting. This must be centered properly to avoid leakage around the washer.

3. Check the size of the poppet spring between the gauge and the gauge post. Old style gauges use the long spring. New style gauges use the short spring. They are not interchangeable.

<b><u>Part</u></b>	<b><u>Description</u></b>
1015	Trigger poppet spring
1017	Poppet o-ring
1018	Trigger o-ring
1033	Pump wiper
1044	Piston and by-pass o-ring
1045A	7/32 steel ball
1045B	5/16 nylon ball
1045C	13/32 nylon ball
1062	Cylinder o-ring
1063	Gauge post o-ring
1066	Ball spring
1072	Fiber washer
1073	Teflon backup ring

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