

# The Campbell Group

Campbell Hausfeld • Wayne • Powerwinch

From: Consumer Engineering

Concerning: WL "Millennium Series" Motor Overload & Piston Bolt

Instructions/Attach To:

# \_\_\_\_\_

Date: \_\_5/6/02\_\_

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Models Affected: WL651000AJ, WL650700AJ, WL650600AJ, WL660500AJ, WL650500AJ, WL660401AJ, WL660301AJ, WL660101AJ, WL660003AJ, WL660002AJ, WL650201AJ, WL650101AJ, WL650002AJ, WL650001AJ, WL611105AJ, WL710000AJ.

TO ALL AUTHORIZED SERVICE CENTERS:

On 9/1/01, the revision level of the pump/motor used on the WL "Millennium Series" compressor was increased from a WL390001AJ to a WL390002AJ. There were two changes to the pump/motor, which accompanied these changes. The first was regarding the motor overload. On both the WL390000AJ and WL390001AJ revision levels, there were two means of motor protection. To protect against high heat, a one-shot overload was used. It was located on the motor windings near the aluminum housing for the pump. In the event that this one-shot overload has tripped, the motor should be replaced. **Under no circumstance should this one-shot device be bypassed.** To protect against high current, a 20 amp slow-blow fuse was mounted in-line on one of the motor windings, which connects to the pressure switch. For the WL390002AJ pump/motor, the one-shot device has stayed the same. The 20-amp in-line fuse has been replaced with a 30-amp automotive style fuse, which is located on the motor windings under the fan shroud on the back end of the motor. **In the event that either type of fuse needs replacement, it should be replaced by one of the same type and rating, not higher.**

The second change which occurred along with the change to the pump/motor revision level was regarding the pump piston bolt. The piston bolt used prior the WL390002AJ pump/motor required a "Torx T-45" bit to remove the bolt. On the WL390002AJ piston bolt, a "Torx-Plus T-45" bit is required to remove the bolt. If a "Torx T-45" bit is used on the new piston bolt, the bit may get stripped out. The newer "Torx-Plus T-45" bit can be purchased through Campbell Hausfeld (Part Number NA900300AV).