

# SERVICE & PARTS TECHNICAL INFORMATION

79-A-4

NO.



# Triumph

October 1979

**SUBJECT:**

Water Pump Installation

**MODELS:**

Triumph TR-7

Recently there have been reports of failures of replacement water pumps due to leaks soon after installation. Investigation has shown that most failures of this type are caused by a cracked graphite seal from improper installation. A warning about this possibility is given in the repair manual.

Because the pump is an interference fit and will not go down easily into the block, there is a temptation to tap on the impeller center to seat the impeller assembly thereby putting impact on the graphite seal causing it to crack. This condition may be overcome by putting the impeller assembly in a refrigerator or freezer for a few minutes. This will contract the metal slightly and allow the unit to slip more easily into the block.

Parts warranty claims for leaking water pumps will be reviewed for possible installation errors.

Reference: TR-7 Repair Operation Manual, Pages 26.45.01.

PWB/c