



Technical Service Information

AS68RC

CONVERTER OVERHEAT AND/OR K2 CLUTCH FAILURE

COMPLAINT: Torque converter overheat and/or a no engagement condition. During disassembly and inspection, the K2 clutch may also be incinerated which could cause a loss or slipping 4th, 5th and 6th gears. Note: There may also be a complaint of a no engagement condition after overhaul if the root cause of this problem is not identified.

CAUSE: The stator shaft is pressed fit into the cover rather than being spline fit. This allows the stator inside the converter to exert enough torque onto the shaft to cause it to slowly turn in a counterclockwise direction (Figure 1). This begins to restrict the converter charge passage causing the converter to overheat. The K2 clutch circuit and the internal lube circuit may also become compromised causing additional transmission damage.

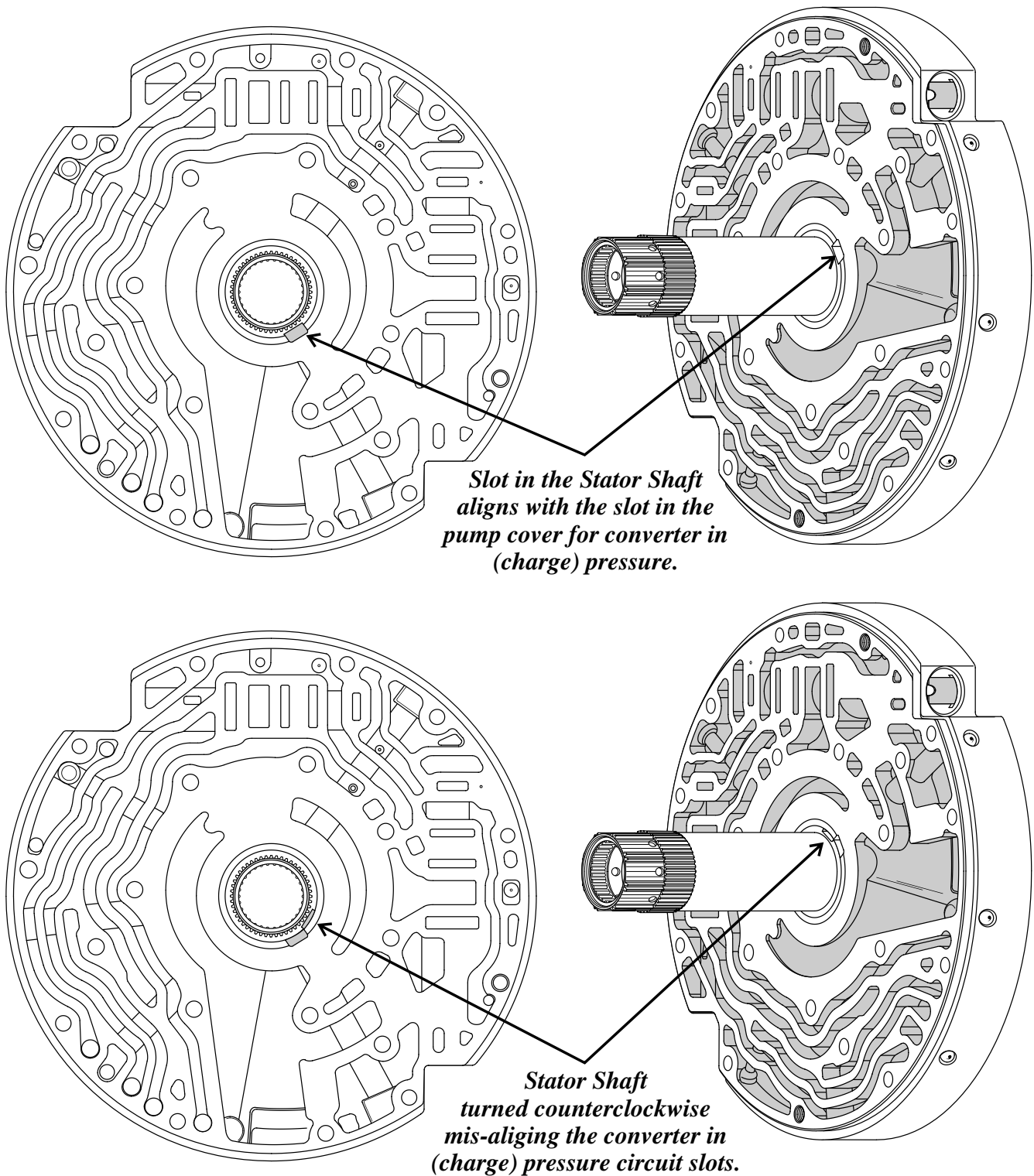
CORRECTION: At the time of printing, the pump is not available separately from the dealer. It must be purchased as a package which includes the valve body for approximately \$1,500.00.

If the stator shaft is not badly damaged, it may be possible for a machinist to reposition the shaft making modifications to hold it stationary to the cover.

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OIL PUMP COVER EXPLODED VIEW



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Figure 1