



# Technical Service Information

## CHRYSLER 46RE

### REOCCURRING P1740 OR P0740 WHEN HOT

**COMPLAINT:** Vehicles equipped with the 46RE may exhibit a reoccurring Diagnostic Trouble Code P1740 or p0740, Torque converter clutch or Overdrive solenoid performance, or Torque Converter slip, before or after overhaul.

**CAUSE :** The cause may be, that the mating surface, as shown in Figure 1, between the Pump Body and the Pump Stator is not flat, causing a loss of line pressure and Torque Converter apply pressure. Refer to Figure 2 for port identification of the Pump Body and Pump Stator.

**CORRECTION:** To verify that the stator surface is flat, Pressurex<sup>®</sup> Film may be used. This is a product from Sensor Products Inc., which uses microcapsules of a paint like substance that changes color intensity depending on pounds per square inch. The higher the psi., the brighter the color. To repair this condition, have the face of the stator machined so that it is flat.

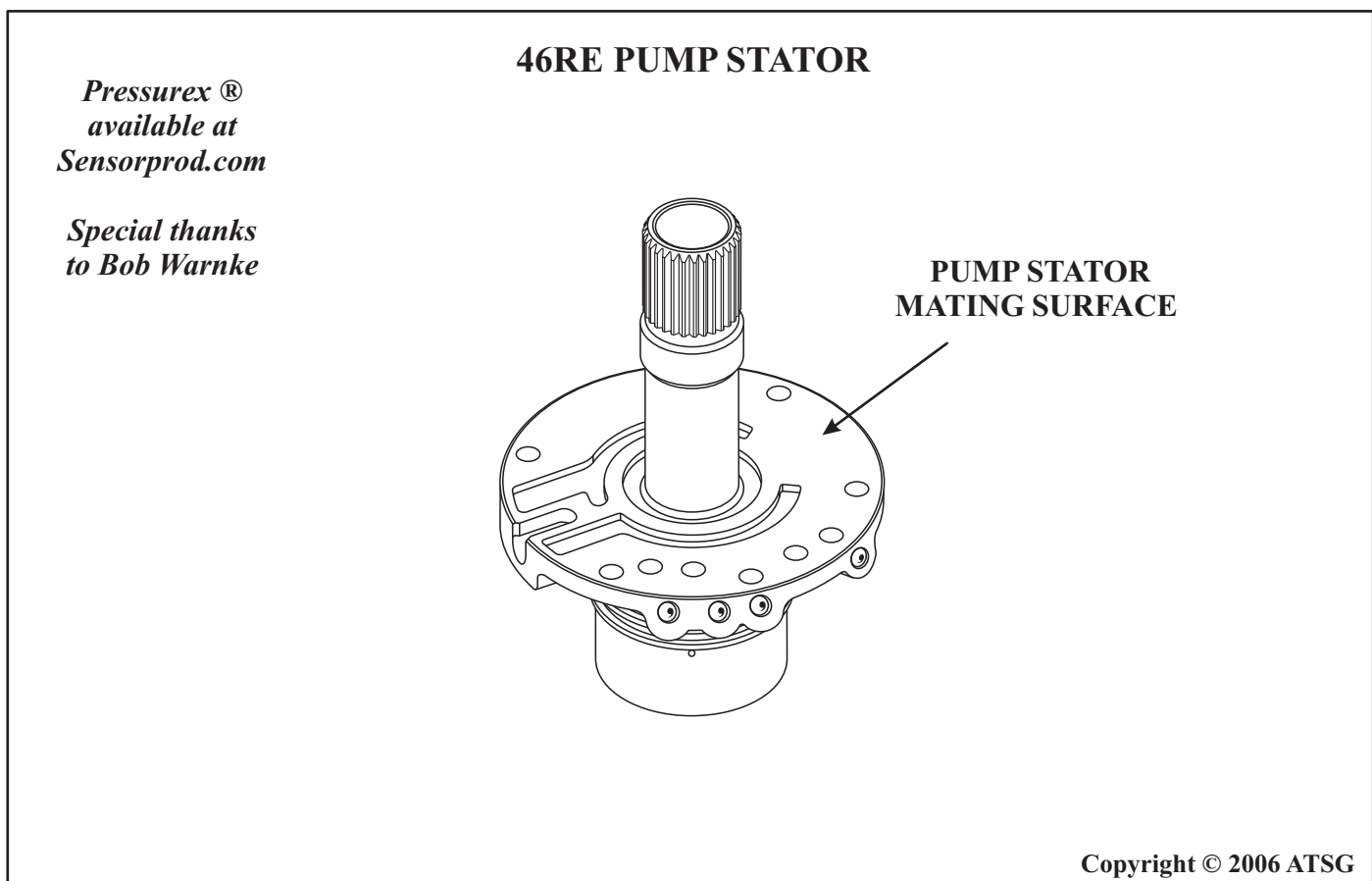
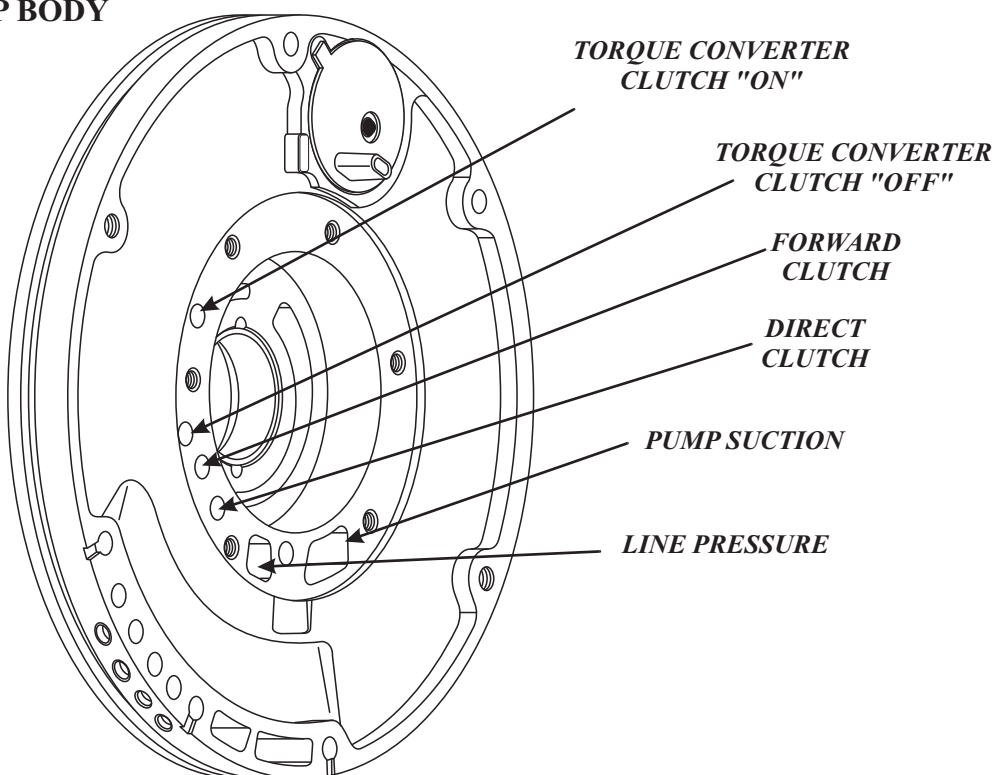


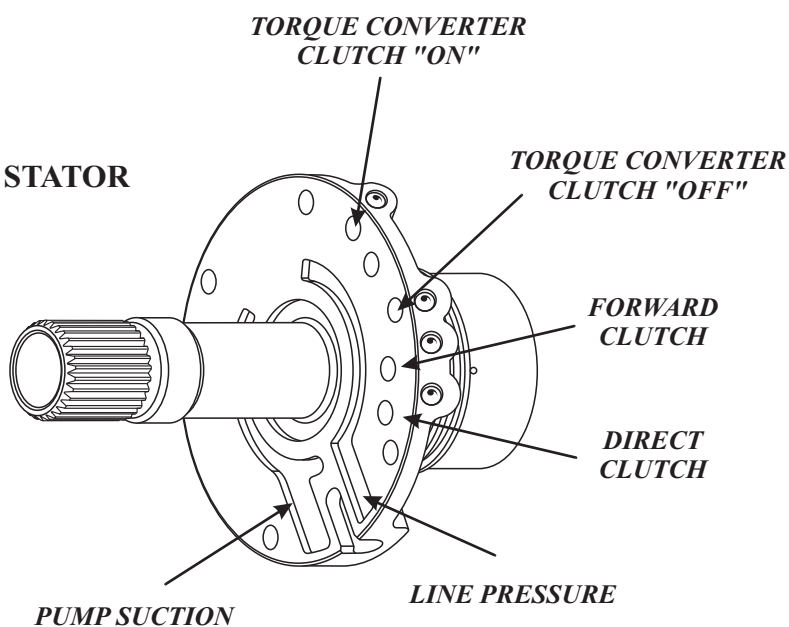
Figure 1

## 46RE PUMP BODY AND STATOR PASSAGE IDENTIFICATION

### PUMP BODY



### PUMP STATOR



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Figure 2