



CHRYSLER/DODGE/JEEP RE SERIES TRANSMISSIONS P0868 - GOVERNOR PRESSURE SENSOR VOLTS TO HIGH

COMPLAINT: A 2005 Dodge 2500 4x4 with a 5.9L diesel using the 48RE transmission comes into the shop to be rebuilt. A new governor pressure transducer (sensor) was installed as part of the rebuild. The initial test drive after overhaul was perfect for approximately 5 miles before code P0868 set for governor pressure transducer volts being too high. A new transducer was installed eliminating the code but it went several miles before setting P0868 once again.

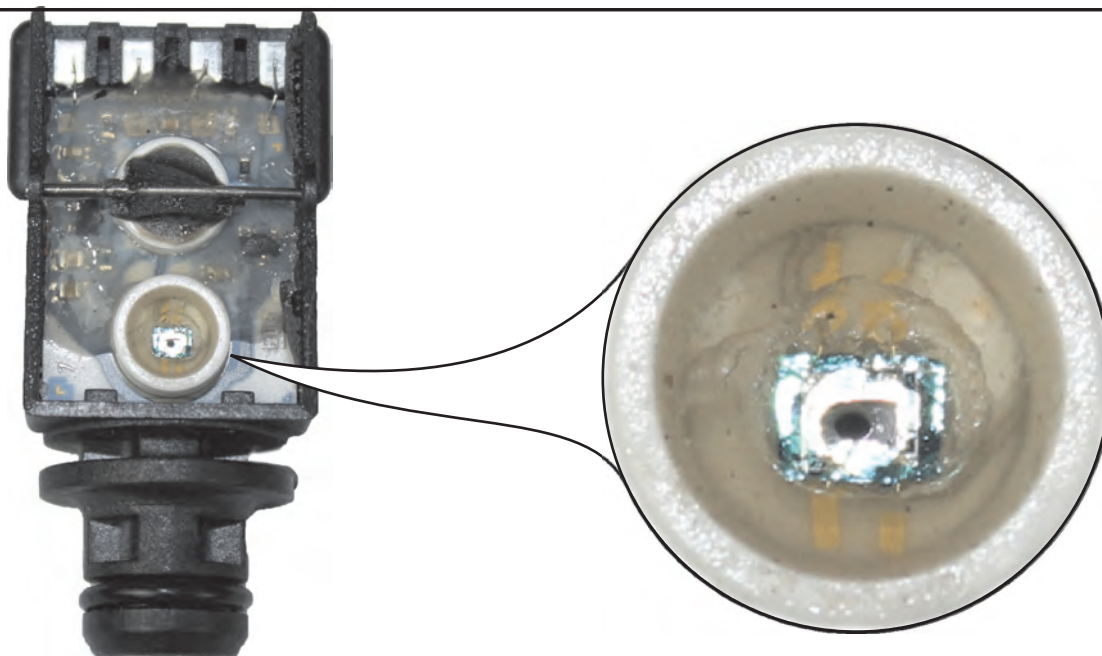
CAUSE: One cause may be new defective transducers. Governor pressure enters the transducer which it uses to provide a linear voltage signal to the computer based on pressure. Generally, the transducer will provide an approximate 0.5 volts when 0 psi of pressure is present inside of it. As pressure increases the voltage increases as well. Approximately 3.5 volts will be observed at maximum governor pressure. It is in the area where pressures are converted to voltage that the pressure build up is blowing a hole inside the transducer. This problem is more prevalent with performance transmissions which run higher line pressures.

CORRECTION: BD Diesel Performance produces a Pressure Transducer Upgrade kit which replaces the plastic transducer with a more reliable and durable metal unit.

SERVICE INFORMATION:

Complete kit.....1060602

BD Diesel Performance - www.thoroughbreddiesel.com - 1800.887.5030



Thanks to Scott Lemmon from Clay's Transmission for the bad sensor used in this bulletin and Wayne Scherado from OK Transmissions for the BD Diesel tip.

Figur1