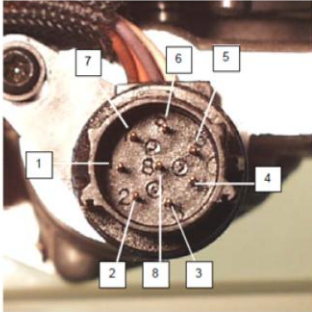


# Checking Thermistor Resistance through the Case Connector

You'll need to pin out between Pin# 3 & 8 (See Below)

### Case Connector



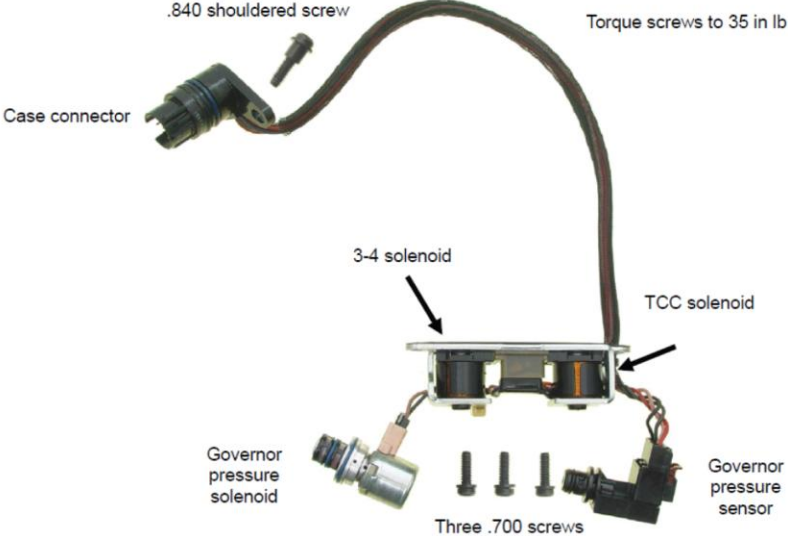
Thermistor = 1000 ohms at room temp.  
OD Solenoid = 31.5 ohms and is normally open.  
TCC Solenoid = 31.5 ohms and is normally open.  
Governor Pressure Solenoid = 3.9 ohms and is normally open.

1. TCC, Gov. and shift solenoid 12V common positive.
2. 5 Volt feed to governor pressure sensor.
3. Ground for governor pressure sensor and thermistor.
4. Gov. pressure signal to the TCM.
5. Variable ground to gov. pressure solenoid.
6. Ground from TCM to OD. solenoid.
7. Ground from the TCM to the converter clutch solenoid.
8. Temp. sensor ( Thermistor ) signal to the TCM.

Notes: TCM will inhibit 4th gear if temperatures are below -30 F or above 260 F.  
No ground or voltage to governor solenoid = high gov. oil pressure.  
Gov. oil pressure should be 0 psi at a stop.

The Thermistor is located in the Governor pressure sensor, the image below gives the Torque setting for the screws that hold the harness in place.

### Internal Harness



.840 shouldered screw

Torque screws to 35 in lb

Case connector

3-4 solenoid

TCC solenoid

Governor pressure solenoid

Three .700 screws

Governor pressure sensor