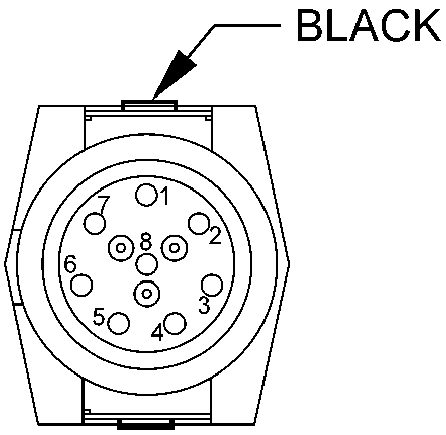

TRANSMISSION
SOLENOID ASSEMBLY

Check your fuses, then move on to this: https://w05.dealerconnect.chrysler.c...S/br780684.gif

And check for power at pin 2, power is in, the solenoids ground through the TCM.

CAV CIRCUIT FUNCTION
1 T16 18RD TRANSMISSION CONTROL RELAY OUTPUT
2 K7 18OR 5 VOLT SUPPLY
3 K4 18BK/LB SENSOR GROUND
4 T25 18LG/WT GOVERNOR PRESSURE SIGNAL
5 K88 18VT/WT VARIABLE FORCE SOLENOID CONTROL
6 T60 18BR OVERDRIVE SOLENOID CONTROL
7 K54 18OR/BK TORQUE CONVERTER CLUTCH SOLENOID CONTROL
8 T54 18VT TRANSMISSION TEMPERATURE SENSOR SIGNAL

TRANSMISSION TEMPERATURE SENSOR

The transmission temperature sensor is located in the transmission solenoid assembly. The Powertrain Control Module (PCM) supplies 5 volts to the sensor on circuit K7. Circuit T54 from the sensor connects to cavity B1 of the PCM and provides the transmission temperature input. The PCM provides ground for the sensor on cavity K4.

The PCM grounds the transmission temperature warning lamp on circuit G14. Circuit G14 connects to cavity C7 of the PCM. The transmission temperature warning lamp is located in the message center.

HELPFUL INFORMATION

Circuit K7 also supplies 5 volts to the vehicle speed sensor.

Circuit K4 also provides ground for the signals from the following:

- Heated oxygen sensors
- Crankshaft position sensor
- Camshaft position sensor
- Engine coolant temperature sensor
- Intake air temperature sensor
- Throttle position sensor
- Manifold absolute pressure sensor
- Vehicle speed sensor