

P0700-TRANSMISSION CONTROL SYSTEM (MIL REQUEST)**ADDITIONAL WIRING**

For complete wiring diagrams refer to:

SYSTEM WIRING DIAGRAMS for Avenger.

SYSTEM WIRING DIAGRAMS for Sebring 2D Convertible.

SYSTEM WIRING DIAGRAMS for Sebring 4D Sedan.

MONITOR CONDITIONS**When Monitored:**

With the ignition on.

SET CONDITIONS

- **Set Condition:**

The PCM receives a CAN Bus message indicating that a DTC is present in the TCM.

POSSIBLE CAUSES

Possible Causes
INTERMITTENT DTC TRANSMISSION DTC(S) PRESENT POWERTRAIN CONTROL MODULE (PCM)

Always perform the ***PRE-DIAGNOSTIC TROUBLESHOOTING PROCEDURE** before proceeding.

DIAGNOSTIC TEST**1. DTC IS ACTIVE**

NOTE: Diagnose and repair any other DTCs that are set in the PCM before continuing.

NOTE: This DTC will set in the PCM to indicate that a DTC is set in the TCM.

NOTE: When all repairs have been completed, clear DTCs in the PCM and TCM.

Turn the ignition on.

With the scan tool, select View DTCs in the PCM.

Is the status Active for this DTC?

Yes

Go to 2.

No

Refer to the ***CHECKING FOR AN INTERMITTENT DTC** Diagnostic Procedure.

2. DTCS PRESENT IN THE TRANSMISSION CONTROL MODULE (TCM)

NOTE: If the scan tool is unable to communicate with the TCM, or if there are related communication DTCs present, refer to appropriate **ELECTRICAL DIAGNOSTICS** article and perform the appropriate diagnostic procedure.

Turn the ignition on.

With the scan tool, select View DTCs in the TCM.

Are there any DTCs present in the TCM?

Yes

Refer to appropriate Transmission **ELECTRICAL DIAGNOSTICS** article and perform the appropriate symptom.

No

Go to 3.

3. POWERTRAIN CONTROL MODULE (PCM)

Using the wiring diagram/schematic as a guide, inspect the wiring and connectors between the TCM and the PCM.

Look for any chafed, pierced, pinched, or partially broken wires.

Look for broken, bent, pushed out or corroded terminals.

Refer to any Technical Service Bulletins that may apply.

Were any problems found?

Yes

Repair as necessary.

Perform **PCM VERIFICATION TEST** (NGC).

No

Replace and program the PCM in accordance with the Service Information.

Perform **PCM VERIFICATION TEST** (NGC).