

10000943



Service Bulletin

File In Section: 07 - Transmission/Transaxle

Bulletin No.: 03-07-30-001

Date: January, 2003



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TECHNICAL

Subject: Transmission Slipping or Torque Converter Clutch (TCC) Inoperative with No SES Light Displayed and No DTC P1870 (Reprogram PCM and Diagnose Vehicle Using P1870 Diagnostic Table)

Models: 2003 Chevrolet TrailBlazer, TrailBlazer EXT
2003 GMC Envoy, Envoy XL
2003 Oldsmobile Bravada
Built Within the Following Build Dates:

Plant	Build Date
Oklahoma City, OK (Plant Code 8)	SOP until August 24, 2002
Moraine, OH (Plant Code 2)	SOP until August 26, 2002

Condition

Some customers may comment that the transmission appears to be slipping or that the vehicle has no TCC apply. This condition should not be confused with a noisy cooling fan. Refer to Corporate Bulletin Number 03-07-30-016B for additional information on fan noise. Investigation of the condition may show no fail records, freeze frame or DTC associated with the condition. This condition might normally have set diagnostic trouble code (DTC) P1870.

Cause

The operating software may not allow DTC P1870 (Transmission Component Slipping) diagnostic test to run. This condition is not an impairment to the operation of the vehicle or the transmission.

Correction

The vehicle should be checked to verify DTC P1870 is supported in the operating software.

1. Install the scan tool.
2. Navigate to "Specific DTC."
3. Enter P1870.
4. If the DTC is supported, the scan tool will report the status of DTC P1870. Continue with normal service diagnostics.
5. If the DTC is not supported, the scan tool will report "Invalid DTC." The vehicle PCM must be reprogrammed using TIS version 9, broadcast in August 2002, or newer, and then diagnosed for no TCC operation using the SI information for P1870.

Warranty Information

For vehicles repaired under warranty, the following is provided for the reprogramming of the PCM.

Labor Operation	Description	Labor Time
J6355	PCM, Reprogram	0.4 hr

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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