

#00-07-30-026: Auto. Trans. 1-2 and/or 2-3 Upshift Slip/Flare, No 3rd/4th (Revise VCM Wiring) - (Dec 21, 2000)

Subject: Automatic Transmission 1-2 and/or 2-3 Upshift Slip/Flare, No 3rd or 4th gear, Launch Shudder (Revise VCM Wiring)



Models: 1996 Chevrolet and GMC C/K, S/T, M/L, G1, G2, P3 Models
1996 Oldsmobile Bravada
with VCM and 4L60-E (M30) or 4L80-E (MT1) Automatic Transmission

This bulletin is being reissued to ensure that correct procedures are followed for this condition. Please discard Corporate Bulletin Number 66-71-03A (Section 7 -- Automatic Transmission).

When performing a transmission replacement labor operation K7000 on these vehicles with a 4L60-E or 4L80-E, you must include front chassis wire repair labor operation N6112. Inspect the VCM to verify the latest part number revision (16244210).

Condition

Some owners may comment that the automatic transmission has either a slip or flare on the 1-2 and/or 2-3 upshift, or no 3rd or 4th gear, or launch shudder. Upon investigation, the technician may find a DTC P1870 stored in the VCM.

Cause

A poor internal ground between the two circuit boards of the VCM may cause the VCM to command erratic line pressure at the pressure control (PC) solenoid valve.

Correction

Using harness jumper wire and instruction kit, P/N 12167310, revise the wiring harness at the VCM connector. Corrections were made to the VCM beginning 2/14/96. The corrected VCMs are identified with service number 16244210 on the VCM identification label.

Procedure

The following is a summary of the instructions included with the service kit:

1. Remove the negative terminal from the battery.
2. Move the wire located at connector J3 (WHITE/GREY/CLEAR), pin 18 to connector J1 (BLUE), pin 23.
3. Install the jumper wire between connector J2 (RED), pin 26 and connector J3 (WHITE/GREY/CLEAR), pin 18.
4. Install the tag included in the kit around the VCM wiring harness. This tag notes that the wiring harness has been modified.
5. Reconnect the negative battery terminal.

Road test to verify that the condition has been corrected. If any of the following conditions are noted, the transmission should be repaired or replaced using the most cost effective method. Canadian dealers should repair the transmission.

- Transmission fluid oxidation or excessive sediment.
- Transmission slip or flare after this service fix is performed.
- DTC P1870 is stored on a 4L60-E (M30).

The following tools are available from Kent-Moore (1-800-345-2233) for use in removing and relocating the VCM wires:

- J 41758 Terminal Tool; used to remove the wire from the VCM connector.
- J 41759 Punch; used to punch a new hole through the connector seal.

Parts Information

Part Number	Description	Qty
12167310	Harness Jumper Wire Kit	1

Parts are currently available from GMSP0.

Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
N6112	Wire Repair, Front Chassis	Use Published Labor Operation Time

Important: Labor operation is coded to base vehicle coverage in the warranty system.

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.