

## #01-07-30-002E: MIL On, Transmission Stuck in Second or Third Gear, IPC Inoperative, DTCs P0740,P0753,P0758,P0785,P0787,P0973,P0976,P1860, and/or P2769 Set (Verify and Repair Source of Voltage Loss - (Sep 23, 2005))

**Subject:** Malfunction Indicator Lamp (MIL) On, Transmission Stuck in Second or Third Gear, Instrument Cluster Inoperative (*Verify and Repair Source of Voltage Loss In Transmission Solenoid Power Supply Circuit*)



**Models:** 2006 and Prior GM Passenger Cars and Light Duty Trucks  
2005-2006 HUMMER H2  
2006 HUMMER H3  
2005-2006 Saab 9-7X  
with 4L60-E, 4L65-E, 4L80-E or 4L85-E Automatic Transmission (RPOs M30, M32, M33, MT1, MN8)

This bulletin is being revised to update model years, add additional models and add additional diagnostic information. Please discard Corporate Bulletin Number 01-07-30-002D (Section 07 -- Transmission/Transaxle).

### Condition

Some customers may comment on one or more of the following conditions:

- The Malfunction Indicator Lamp (MIL) is ON.
- The transmission is defaulted to second gear (4L80/85-E).
- The transmission is defaulted to third gear (4L60/65-E).
- The instrument cluster is inoperative.

Upon investigation, one or all of the diagnostic trouble codes (DTCs) P0740, P0753, P0758, P0785, P0787, P0973, P0976, P1860, P2761, P2764 and P2769 may be set depending on the vehicle.

### Cause

The most likely cause of this condition may be a loss of voltage to the transmission solenoid power supply circuit.

This condition may also be the result of an incorrect installation of an aftermarket electronic device

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such as a remote starter or alarm system.

### **Correction**

**Important:** If the vehicle is equipped with an aftermarket electronic device and the DTCs are being set when the device is being used, verify that the appropriate fuse is being supplied battery voltage during operation. If voltage is not present at this fuse, these DTCs will be set due to lack of voltage at the solenoids. This condition is most likely to occur with an incorrectly installed remote starting system. If this is the case, refer the customer to the installer of the system for corrections. ANY REPAIRS DUE TO AFTERMARKET INSTALLATION OF ACCESSORIES IS A NON-WARRANTABLE ITEM.

1. With the ignition switch in the RUN position, test for battery voltage at the circuit fuse in the transmission solenoid power supply circuit. Refer to the appropriate SI Document for the transmission solenoid power supply circuit information.
2. If battery voltage is present at the fuse, inspect the ignition voltage circuit between the fuse and the transmission for possible opens.
3. If battery voltage is not present at the fuse, test for continuity between the fuse and the ignition switch. If NO continuity is between the fuse and the ignition switch, repair the open in that circuit.
4. If you have continuity between the fuse and the ignition switch, the most likely cause is the ignition switch. Replace the ignition switch using the appropriate Ignition Switch Replacement procedure in SI. Refer to group number 2.188 of the parts catalog for part description and usage of the ignition switch.

### **Warranty Information (excluding Saab U.S. Models)**

For vehicles repaired under warranty, use:

<b>Labor Operation</b>	<b>Description</b>	<b>Labor Time</b>
N6630	Wiring and/or Connector, Transmission - Repair	Use published labor operation time

### **Warranty Information (Saab U.S. Models)**

For vehicles repaired under warranty, use:

<b>Labor Operation</b>	<b>Description</b>	<b>Failed Object</b>	<b>Fault/Reason Code</b>	<b>Location Code</b>	<b>Warranty Type</b>	<b>Repair/Action Code</b>	<b>Labor Time</b>
3711401	Replace part, Adj., Wiring Harness, A/T Incl. diagnosis time 2005	37114	67	0	01	05	Use published labor operation time

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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