



# Service Bulletin

## TECHNICAL

**Subject:** Intermittent MIL/SES, DTC P2138 with Reduced Engine Power (Repair Instrument Panel (IP) to Body Harness Connector)

**Models:** 2005-2010 GM Passenger Cars and Light Duty Trucks (Including Saturn)  
 2005-2009 HUMMER H2  
 2006-2010 HUMMER H3  
 2005-2009 Saab 9-7X

This bulletin is being revised to update the model years. Please discard Corporate Bulletin Number 07-06-04-019A (Section 06 – Engine/Propulsion System)

### Condition

Some customers may comment on an intermittent MIL/SES light illuminated with a message center or an indicator that displays Reduced Engine Power. DTC P2138 – Accelerator Pedal Position (APP) Sensor 1-2 Correlation may be set. The voltage difference between APP sensor 1 and APP sensor 2 exceeds a predetermined value for more than a brief period. Refer to DTC P2138 in SI for further diagnostics.

### Cause

On some vehicles, the IP to body harness connector, which carries the APP signal to the ECM/PCM, is located in the left hand kick panel area or inside the IP. Water intrusion into these areas could cause an electrical short in the APP circuits setting a P2138 code.

### Correction

**Note:** Make sure that no add-on/aftermarket equipment is electrically connected to the APP signals or to the other ECM/PCM five volt reference or return lines. These can generate false P2138 and/or other ETC System DTCs. If there are other engine DTCs besides P2138, such as MAP sensor faults (i.e. P0107, P0108), resolve these first before attempting to diagnose P2138 DTCs.

**Important:** Refer to DTC P2138 in SI to confirm that the ETC pedal is operating correctly.

Locate the IP to body harness connector, which may be located in and around the left hand kick panel area or inside the IP. Check to see if there is a water leak into the area and repair as necessary. Use a water hose to determine the source of a water leak and effectiveness of repair. Some examples of potential water leaks are: A-pillar seals, sunroof drain lines (if so equipped) and windshield/cowl sealing. Finally, repair or replace the IP to body harness connector, making sure no corrosion or debris is left on or between the terminals.

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

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
N6608	Wiring and/or Connector – Emissions System – Repair or Replace	Use Published Labor Operation Time

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

For vehicles repaired under warranty, use:

Labor Operation	Description	Failed Object	Fault/Reason Code	Location Code	Warranty Type	Repair/Action Code	Labor Time
3713501	Wiring and/or Connector – Emissions System – Repair or Replace	37135	61	0	01	01 (Replace) 05 (Repair)	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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