



Tech Note:

This factory bulletin pertains to faulty Throttle Position Switches on many mid-nineties to mid 2000 GM automobiles. It is not directly related to catalytic converter issues, but we've found that the related "drop-out" of the TPS signal while driving, causes the ECU to lose control over the fuel injection, even if just for a moment. This can, over time cause damage to a catalytic converter, and therefore cannot be ruled out as a contributing cause of catalytic converter failure.

Bulletin No.: 05-06-04-058

Date: September 07, 2005

TECHNICAL

Subject:

Intermittent Chuggle or Fishbite on Light Acceleration or at Highway Speeds with No Diagnostic Trouble Codes (DTCs) (Replace Throttle Position (TPS) Sensor)

Models:

1995-1999 Buick Riviera
1995-2004 Buick Regal
1995-2005 Buick LeSabre, Park Avenue
1997-2005 Buick Century
1995-2001 Chevrolet Lumina
1995-2002 Chevrolet Camaro
1995-2005 Chevrolet Monte Carlo
2000-2005 Chevrolet Impala
1995-1997 Oldsmobile Cutlass Supreme, Ninety Eight
1995-1999 Oldsmobile Eighty Eight
1998-2002 Oldsmobile Intrigue
1995-2002 Pontiac Firebird

1995-2003 Pontiac Grand Prix
1995-2005 Pontiac Bonneville

with 3800 V6 Engine (VIN K - RPO L36)

Condition

Some customers may comment on an intermittent chuggle or fishbite on light acceleration or at steady-state highway speeds (typically 80-105 km/h [50-65 mph]) with no PCM DTCs set. This condition may lead the technician to suspect the TCC circuit or torque converter.

Cause

This condition may be caused by intermittent operation of the Throttle Position (TPS) Sensor.

Correction

In observed cases, the Tech 2(R) is not fast enough to consistently detect this condition during a snapshot. It is recommended to use a DVOM set to the min/max recording mode. Connect the DVOM at the TPS connector (positive lead to TPS feedback signal pin and negative lead to TPS ground pin). Duplicate this condition by driving the vehicle. If the voltage dropout (less than 0.45 v) is recorded on the DVOM, replace the TPS sensor and re-evaluate the vehicle before continuing with other driveability or transmission diagnosis.

Part Number	Description
24504798	Sensor, Throttle Position (TPS)

Parts Information

Warranty Information

Labor Operation	Description	Labor Time
J6374	Sensor, Throttle Position — Replace	Use Published Labor Operation Time

For vehicles repaired under warranty, use the table.

<p>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.</p>		<p>WE SUPPORT VOLUNTARY TECHNICIAN CERTIFICATION</p>
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