



Service Bulletin

File in Section: -

Bulletin No.: PI1006

Date: June, 2013

PRELIMINARY INFORMATION

Subject: Malfunction Indicator Lamp (MIL) On, Various O2 Sensor DTCs Set

Models: 2011-2013 Chevrolet Express Cut Away Van
2011-2013 GMC Savana Cut Away Van
Equipped with 4.8L or 6.0L V8 Engine (RPOs L20, LC8, L96)
Built Prior to November 26, 2012

Condition/Concern

Some customers may comment on an Malfunction Indicator Lamp on. Technicians may find post O2 sensor failure codes current or set in history.

Moisture may be splashing on the hot O2 sensors and causing them to crack.

Recommendation/Instructions

Replace both O2 sensors and install the new ECM service calibration.

The new O2 sensors are more resistant to cracking. They are also internally wired differently than the OE sensors and require ECM reprogramming.

Refer to Heated Oxygen Sensor Replacement- Bank 2 Sensor 1 and 2 in SI and reprogram the ECM using the Service Programming System (SPS) with the latest calibrations available on TIS2WEB. Refer to the SPS procedures in SI.

For 2012 model year vehicles only, after reprogramming the ECM, the BPP (brake pedal position) learn procedure must be performed.

The following 2013 LPG VINs need to have the new ECM service calibration and O2 sensors installed. All VINS beyond this breakpoint will have the current calibrations.

Contact Techline Customer Support Center (TCSC) at 1-800-828-6860 (English) or 1-800-503-3222 (French) to obtain a VCI number and reprogram the ECM for the following VINs listed below.

2013 LPG Van VIN List	
1GB6G5BB8D1141825	1GB6G5BB5D1138610
1GB6G5BB4D1141482	1GB6G5BB3D1139514
1GB6G5BB2D1142243	1GB6G5BB2D1139732
1GB6G5BB8D1141646	1GB6G5BB0D1139146
1GB6G5BB3D1143160	1GB6G5BB0D1139633
1GB6G5BB8D1141257	1GB6G5BB9D1142854
1GB6G5BB7D1142349	1GB6G5BB4D1140946
1GB6G5BB7D1140763	1GB6G5BB4D1141384
1GB6G5BB9D1142692	1GB6G5BB2D1141870
1GB6G5BB4D1142969	1GB6G5BB6D1142469
1GB6G5BB0D1138868	1GB6G5BB6D1150507
1GB6G5BB7D1151424	1GB6G5BB3D1151159
1GB6G5BBXD1149957	—

Parts Information

Part Number	Description	Quantity
12637297	SENSOR, HTD OXY	2

Warranty Information

For vehicle repaired under the U.S. (8 years/80,000 miles or Canadian (8 years/130,000 km) Emission Warranty, use:

Labor Operation	Description	Labor Time
4025990	Heated Oxygen Sensor Replacement - Bank 1 Sensor 2	Use Published Labor Operation Time
4026030	Heated Oxygen Sensor Replacement - Bank 2 Sensor 2	Use Published Labor Operation Time
4080038*	Replace Post O2 Sensors and Reprogram ECM	0.9 hr
*This is a unique labor operation for bulletin use only. It will not be published in the Labor Time Guide.		

Additional Keywords: P0131, P0137, P0151, P0157, P0171, P0174, P0132, P0134, P0138, P0140, P0152, P0154, P0158, P0160, P0133, P013A, P013B, P013C, P013D, P013E, P013F, P0153, P1133, P1153, P015A, P015B, P015C, P015D, P2270, P2271, P2272, P2273