



Service Bulletin

PRELIMINARY INFORMATION

Subject: SES Light and/or Oil In Air Intake System - Inspect Hydrocarbon Absorber

Models: 2006-2013 Chevrolet Corvette with 7.0L Engine (RPO LS7)

2008 - 2013 Chevrolet Corvette with 6.2L Engine (RPO LS3)

2009 - 2013 Chevrolet Corvette with 6.2L Supercharged Engine (RPO LS9)

This PI was superseded to update Model Years. Please discard PIP3786C.

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

Condition/Concern

Some customers may complain of a SES light, rough running, and/or lack of power above 4,000 RPM. Upon inspection, any of the following concerns may be found: oil in the air cleaner, a loose hydrocarbon patch in the air intake snorkel, and/or DTCs P0101, P0171, P0172, P0174, P0175, P1516, and/or P2176.

This may be a result of an improper oil level or PCV restriction, which can cause excess oil to be forced into the engine air intake snorkel.

If this occurs, the oil can contaminate the adhesive that attaches the hydrocarbon absorber to the air intake snorkel, causing the absorber to become loose/mis-positioned, which can alter incoming air flow and the MAF sensor input to the ECM.

Recommendation/Instructions

If this concern is encountered, complete the following steps and re-evaluate the concern:

1. Follow the owner's manual for proper engine oil filling procedures. For 7.0L LS7 models, also review the latest version of 05-06-01-032.
2. Perform the Crankcase Ventilation System Inspection/Diagnosis in SI to ensure that the PCV system is operating properly with no restrictions.
3. If equipped with an oil tank, ensure that the semi-fresh and fresh PCV tubes are installed correctly. The fresh PCV tube is attached to the front port of the oil tank, and the semi-fresh tube is attached to the rear port of the oil tank.
4. Clean excessive oil from the air intake system and inspect the hydrocarbon absorber in the air intake snorkel. Replace the air intake snorkel if the hydrocarbon absorber is mis-positioned or loose.

Warranty Information

The correction for this concern may be one of several repairs described above. For vehicles repaired under warranty, please use the appropriate warranty labor operation based on the actual cause and repair.

Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.

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.



WE SUPPORT VOLUNTARY TECHNICIAN CERTIFICATION