



Service Bulletin

INFORMATION

Subject: Engineering Information – SES Light On with One or More DTCs Set

Models: 2016 Cadillac CT6
2017 Cadillac XT5
2016 Chevrolet Camaro
Equipped with 6 Cylinder Engine (RPO LGW or LGX)

Attention: Proceed with this EI ONLY if the customer has commented about this concern AND the PIE number is listed in the Global Warranty Management / Investigate History link (GWM/IVH). If the customer has not commented about this condition or the EI does not show in GWM/IVH, disregard the PI and proceed with diagnostics found in published service information. THIS IS NOT A RECALL — refer to the latest version of Service Bulletin 04-00-89-053 for more details on the use of Engineering Information bulletins.

Condition

Important: If the customer did not bring their vehicle in for this concern, DO NOT proceed with this EI.

Some customers may comment that the SES light is on and the vehicle may exhibit driveability concerns.

During diagnosis, a technician may find one or more of the following DTCs set:

- P0011
- P0014
- P0016
- P0017
- P0018
- P0019
- P0021
- P0024

Cause

GM Engineering is attempting to determine the root cause of the above condition. Engineering has a need to gather information on vehicles PRIOR to repair that may exhibit this condition. As a result, this information will be used to "root cause" the customer's concern and develop/validate a field fix.

Instructions

If you encounter a vehicle with the above concern, follow the procedure below and report all findings to the engineer listed below:

1. Capture GDS2 snapshot with the original hardware before clearing codes or attempting any hardware swaps.
2. Remove suspect camshaft position actuator solenoid valve (OCV) from engine. Inspect for any debris on filter screen, Re-lube the OCV and bore with clean engine oil and re-install in same location. Road test vehicle and see if DTC resets. If DTC returns, go to step 3, if not, release vehicle to customer and call engineer to document findings. The information below will be required anytime when calling.

- What OCV was serviced?
 - What DTC(s) were set?
3. Remove the suspect OCV and swap locations with a known good OCV from another location on the same engine that is not setting a DTC. Road test vehicle and see if DTC returns. If the DTC does not return, release vehicle to customer and call engineer to report findings. If DTC returns in the new position, go to step 4. If DTC returns in the original position follow SI diagnostics for that particular DTC.
 4. Remove and tag the suspect OCV to return to GM for further analysis and call engineer. Proceed to step 5.
 5. Replace suspect OCV with a new (replacement) OCV following SI procedures. Road test vehicle and see if DTC returns. If DTC returns capture GDS2 snapshot and call engineer. If the DTC does not return, release vehicle to customer and call engineer to report findings. If DTC sets again, follow SI diagnostics for that particular DTC.

Contact Information

Engineer Name	Phone Number
Pratap Murthy	248-672-3892

Please include the following information if leaving a message:

- Technician name
- Dealer name and phone number
- Complete VIN and repair order (R.O) number

On the repair order, document the date and time the call was placed (even if the engineer was not reached).

If engineering is unable to return the call within one hour, proceed with diagnosis and repair based on information found in SI.

Warranty Information

If engineer was contacted or required information was provided, use:

Labor Operation	Description	Labor Time
4081258*	Engineering Information — Camshaft Position Actuator Solenoid Valve Engineer Call	Use Actual Clock Time
*This is a unique Labor Operation for Bulletin use only. It will not be published in the Labor Time Guide.		

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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