



Preliminary Information

PIP5801 Service Engine Light misfire engine noise with DTC P0300 P0106 P0506

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Cadillac	Escalade	2021	All	All	6.2 L87	All
Chevrolet	Camaro	2020 - 2021	All	All	6.2 LT1 LT4	All
Chevrolet	Corvette	2020	All	All	6.2 LT2	All
Chevrolet	Silverado	2020 - 2021	All	All	5.3 L82 L84 6.2 L87 6.6 L8T	All
Chevrolet	Suburban	2021	All	All	5.3 L84 6.2 L87	All
Chevrolet	Tahoe	2021	All	All	5.3 L84 6.2 L87	All
GMC	Sierra	2020 - 2021	All	All	5.3 L82 L84 6.2 L87 6.6 L8T	All
GMC	Yukon	2021	All	All	5.3 L84 6.2 L87	All

Involved Region or Country	Europe, Middle East, Israel, Palestine, Brazil (Mercosur), Chile (West), Ecuador (West), Paraguay (West), Peru (West), Uruguay (West), Japan, Cadillac Korea (South Korea), GM Korea Company, Thailand (ASEAN), Australia/New Zealand
Condition	A Vehicle may have a concern of service engine light, misfire and engine noise with possible of DTC P0300 P0106 P0506,P3189, P318A, P318B, P318C, P318D, P318E, P318F, P3190
Cause	Possible broken valve spring.

Correction:

During inspection if you determine that the engine has a broken valve spring it will be necessary to perform a cylinder leakage test on the affected cylinder. If no cylinder leakage is observed follow the replacement guidelines below and replace the necessary parts and evaluate vehicle to ensure no further concerns exist.

For 6.2L engines RPOs L87, LT1, LT4 and LT2 if vehicle has below 1000km replace all valve springs. For vehicles above 1000km just replace the 1 broken valve spring.

For all other engine RPOs L82, L84 and L8T just replace the affected valve spring.

If cylinder damage is found it will be necessary to inspect further to determine the extent of the engine damage to determine correct repair required. Also inspect the intake manifold runner for the cylinder with the concern to ensure there is no damage. Reference [00-06-01-026M](#): Engine Replacement After Severe Internal Engine Damage -Replace Intake Manifold.

If parts are required, they can be order through the GM CCA parts process. Use the vehicle identification number (VIN), SI, and the GM Electronic Parts Catalog to determine the correct part to order.

Warranty Information.

Warranty Information

For vehicles repaired under the Powertrain coverage, use published labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information

Version History

Version	1
Modified	04/08/2021 - Created on.



GENERAL MOTORS