

2020 Corvette Service Bulletin: #PIP5752B: Service Engine Light misfire engine noise With DTC P0300 P0106 P0506 - Possible Valve Stem - (Oct 13, 2020)

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Subject: Service Engine Light misfire engine noise With DTC P0300 P0106 P0506

Brand:	Model:	Model Year:	VIN:	Engine:	Transmission:
		from to	from to		
Cadillac	Escalade	2021	All	All	6.2 L87 All
Chevrolet	Camaro	2020 - 2021	All	All	6.2 LT1 All
					LT4
Chevrolet	Corvette	2020	All	All	6.2 LT2 All
Chevrolet	Silverado	2020	All	All	5.3 L82 All
					L84 6.2
					L87 6.6
					L8T
Chevrolet	Suburban	2021	All	All	5.3 L846.2 All
					L87
Chevrolet	Tahoe	2021	All	All	5.3 L846.2 All
					L87
GMC	Sierra	2020	All	All	5.3 L82 All
					L84 6.2
					L87 6.6
					L8T
GMC	Yukon	2021	All	All	5.3 L84 6.2 All
					L87

Involved Region or Country
Condition

North America
A Vehicle may have a concern of service engine light, misfire and engine noise with possible of DTC P0300 P0106 P0506.

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 it will be necessary to replace all valve springs on both banks if the vehicle is built between June 1, 2020 to September 15, 2020. Note: This only applies to the 6.2L engines RPOs L87, LT1, LT4 and LT2. For all other engine RPOs L82, L84 and L8T just replace the affected valve spring.

If you determine that engine has cylinder leakage it will be necessary to inspect further to determine the extent of the engine damage to determine correct repair required.

Important: All valve springs will be requested back for further analysis and inspection.

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

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Modified

09/08/2020 - Created on.

09/21/2020 - Updated to add 2020 Chevrolet Camaro and edit the correction statement.

10/13/2020 - Updated Model Years.

Online URL: <https://www.corvetteactioncenter.com/tech/knowledgebase/article.php?id=1460>