

2020 Corvette Service Bulletin: #PIP5752H: Service Engine Light Misfire Engine Noise With DTC P0300 P0106 P0506 - (Jan 20, 2021)

1485 January 21, 2021 [Engine - Drivetrain](#) 0 1280

#PIP5752H: Service Engine Light Misfire Engine Noise With DTC P0300 P0106 P0506 - (Jan 20, 2021)

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 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

North America

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.

Note: If you suspect you have a valve spring concern please contact Technical Assistance at (866) 960-6006 (after providing your case number, please select prompt one for engine Drivability then, prompt one for gasoline engines) TAC will assist with issue verification and expediting parts. In Canada, contact the Canadian Technical Assistance Centre at the number you have been provided.

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 and the vehicle is built between June 1, 2020 to October 7, 2020:

- If no cylinder leakage is observed and the vehicle is built between June 1, 2020 to October 7, 2020:
- For 6.2L engines RPOs L87, LT1, LT4 and LT2 It will be necessary to replace all valve springs on both banks if the vehicle is built between June 1, 2020 to October 7, 2020.

Note: If the vehicle was built after October 7, 2020 it is recommended to only replace the spring with the concern (not all 16).

Note: Brand Quality has placed the following Part number for 2020, 2021 6.2L L87, LT1, LT2, LT4 valve springs on a Technical Assistance Center part restriction

P/N 12691120 - 6.2L L87, LT1, LT2, LT4

Please add any pictures of the concern to the case that will help with the diagnostics.

Check for a damaged intake manifold runner for the cylinder with the concern.

00-06-01-026M: Engine Replacement After Severe Internal Engine Damage -Replace Intake Manifold

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;

- For 6.2L engines RPOs L87, LT1, LT4 and LT2 that has engine damage please follow *PIP5759* for engine restriction.

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.

10/16/2020 - Updated to add Admin. Details

10/21/2020 - Updated to add contact
Technical assistance

10/23/2020 - Updated to add Valve Spring
Part Restriction.

10/28/2020 - Updated to add MY 2021 for
T1XX Pick up

11/20/2020- updated to add DTC to the
concern

01/20/2021- update to add a Note on the BP.

Online URL:

<https://www.corvetteactioncenter.com/tech/knowledgebase/article/2020-corvette-service-bulletin-pip5752h-service-engine-light-misfire-engine-noise-with-dtc-p0300-p0106-p0506-jan-20-2021-1485.html>