



Service Bulletin

Bulletin No.: 21-NA-146

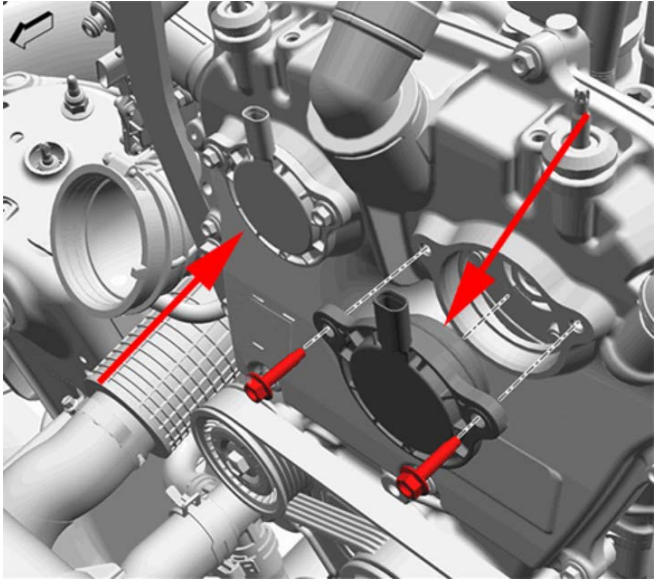
Date: June, 2021

TECHNICAL

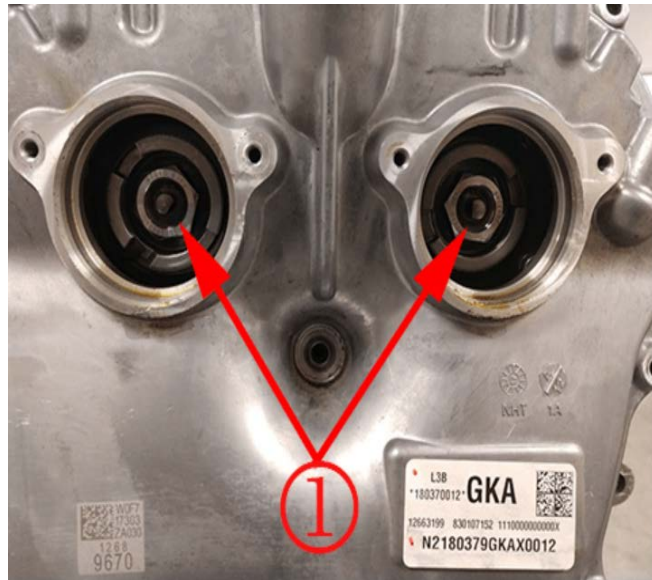
Subject: Malfunction Indicator Lamp (MIL) Illuminated - DTC P0011 and/or P0014 Set

This bulletin replaces PIP5648. Please discard PIP5648.

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Silverado 1500 (New Model)	2019	2019	All	All	L3B 2.7L	All
GMC	Sierra 1500 (New Model)						

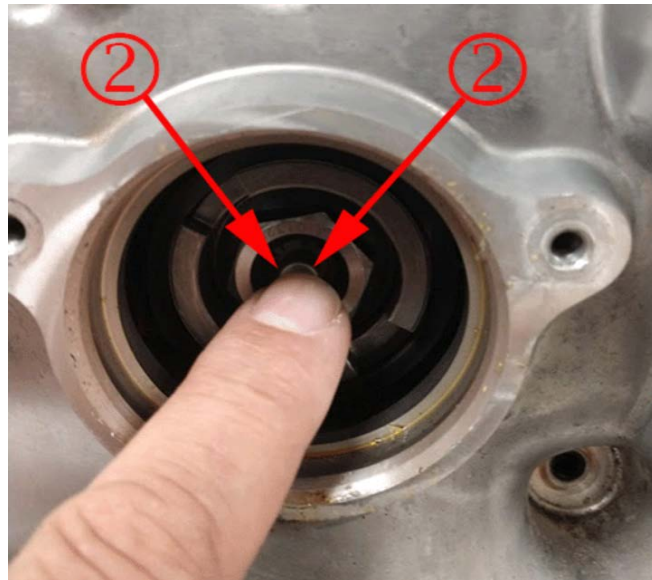
Involved Region or Country	North America, Middle East, Chile and Thailand.
Condition	Some customers may comment that the MIL is illuminated. Some technicians may find one or more of the following DTCs set: <ul style="list-style-type: none"> • P0011 Intake Camshaft Position System Performance • P0014 Exhaust Camshaft Position System Performance
Cause	This condition may be caused by a broken spring in one of the Camshaft Position Actuator Valve Solenoid Bolts.
Correction	<div style="text-align: center;">  </div> <p style="text-align: center;">Remove the Intake and Exhaust Camshaft Position Actuator Magnets.</p>

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The Intake and Exhaust Camshaft Position Actuator Valve Solenoid bolt plungers (1) are located in the center of the bolt assemblies and protrude slightly from the head of the bolt at rest.



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Using your finger, compare the travel and feel of the Camshaft Position Actuator Valve Bolt Plungers (2) to each other:

- If the spring is broken, the plunger travel may be decreased, it may not fully return to the proud position, and may have poor spring tension as compared to a new assembly.
- If a concern with either plunger is isolated, replace both the intake and exhaust Camshaft Position Actuator Valve Solenoid bolts on vehicles built before March 20, 2019.

Note: On vehicles built after March 20, 2019, replace only the affected Camshaft Position Actuator Valve Solenoid bolt.

Parts Information

Causal Part	Description	Part Number	Qty
N/A	BOLT, CM/SHF POSN ACTR VLV SOL	12706091	2

Warranty Information

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

Labor Operation	Description	Labor Time
4088088	Replace both Camshaft Position Actuator Valve Solenoid Bolts	3.6 hr
*This is a unique Labor Operation for Bulletin use only.		

Version	1
Modified	Released June 24, 2021

