



Service Bulletin

Bulletin No.: 19-NA-147

Date: September, 2019

TECHNICAL

Subject: Malfunction Indicator Lamp (MIL) Illuminated with One or More Codes set. DTC P30CE, P30CF, P30D0, P30D1

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

Involved Region or Country	North America, Middle East, South America and Thailand
Additional Options (RPOs)	
Condition	<p>Some customers may comment on the MIL being illuminated.</p> <p>Note: This condition is not related to a wiring harness issue as outlined in PIT5677.</p> <p>A technician may find one or more of the following DTCs set current or in history:</p> <ul style="list-style-type: none"> • P30CE: Intake Camshaft Profile Sleeve 1 Out of Alignment • P30CF: Intake Camshaft Profile Sleeve 2 Out of Alignment • P30D0: Exhaust Camshaft Profile Sleeve 1 Out of Alignment • P30D1: Exhaust Camshaft Profile Sleeve 2 Out of Alignment
Cause	The cause of the condition may be a software anomaly.
Correction	<p>Note: Stable battery voltage is critical during programming. Any fluctuation, spiking, over voltage or loss of voltage will interrupt programming. Install a GM Authorized Programming Support Tool to maintain system voltage. Refer to for further information. If not available, connect a fully charged 12 V jumper or booster pack disconnected from the AC voltage supply. DO NOT connect a battery charger.</p> <p>Verify if the Engine Control Module (ECM) has the latest software available:</p> <ul style="list-style-type: none"> • If the vehicle has the most current level of software, use SI to perform a system diagnostic • If the vehicle does NOT have the most current level of software, continue on to the next repair steps. <ol style="list-style-type: none"> 1. Reprogram the ECM to the latest software available. Refer to <i>K20 Engine Control Module: Programming and Setup</i> in SI. If the vehicle has the most current level of software, refer to SI. 2. Clear all codes. 3. Referring to SI, run the vehicle under the conditions for setting the DTC(s). <ul style="list-style-type: none"> • If DTC does not reset, return the vehicle to the customer. • If DTC resets use SI to continue to diagnose the issue.

Parts Information

No parts are normally required for this repair.

Warranty Information

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

Labor Operation	Description	Labor Time
*2886388	Engine Control Module Reprogramming with SPS for DTC P30CE, P30CF, P30D0, P30D1	0.3 hr
<p>*This is a unique Labor Operation for Bulletin use only.</p> <p>*To avoid warranty transaction rejections, carefully read and follow the instructions below:</p> <ul style="list-style-type: none"> • The SPS Warranty Claim Code must be accurately entered in the "SPS Warranty Claim Code" field of the transaction. • When more than one Warranty Claim Code is generated for a programming event, it is required to document all Warranty Claim Codes in the "Correction" field on the job card. Dealers must also enter one of the codes in the "SPS Warranty Claim Code" field of the transaction, otherwise the transaction will reject. It is best practice to enter the FINAL code provided by SPS 		

Warranty Claim Code Information Retrieval

If the SPS Warranty Claim Code was not recorded on the Job Card, the code can be retrieved in the SPS system as follows:

1. Open TIS on the computer used to program the vehicle.
2. Select and start SPS.
3. Select Settings.
4. Select the Warranty Claim Code tab.

The VIN, Warranty Claim Code and Date/Time will be listed on a roster of recent programming events. If the code is retrievable, dealers should resubmit the transaction making sure to include the code in the SPS Warranty Claim Code field.

Version	1
Modified	Released September 03, 2019

