



Service Bulletin

Bulletin No.: 20-NA-098

Date: May, 2020

INFORMATION

Subject: Information on Fuel Injector Replacement Guidelines During Service, Malfunction Indicator Lamp (MIL) Illuminated - DTCs P0300-P0308, P050D, P0171, P0172, P0174, P0175, P2099, P219A, and/or P219B Set

Attention: This bulletin applies to V6 and V8 Gasoline Engines ONLY.

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Cadillac	GM Passenger Cars and Trucks	2014	2020			LV1, LV3, L82, L83, L84, L8B, LT1, L86, L87, LT2, LT4, LT5, L8T, LTA	
Chevrolet							
GMC							

Involved Region or Country	North America, Europe, Uzbekistan, Russia, Middle East, Iraq, Israel, Palestine, Argentina (Mercosur), Brazil (Mercosur), Bolivia (West), Chile (West), Colombia (West), Ecuador (West), Paraguay (West), Peru (West), Uruguay (West), Venezuela (West), Cadillac Korea (South Korea), GM Korea Company, China - SGM, Taiwan, Thailand (ASEAN), Singapore, Philippines
Information	<p>During service of a vehicle that came in with an engine related DTC that required a fuel injector replacement, we have seen cases of the incorrect fuel injector being installed in the suspect cylinder. If this happens, it can lead to skewed Long Term Fuel Trims (LTFT) and/or Short Term Fuel Trims (STFT) during engine operation. Some customers/technicians may also notice that the vehicle has a MIL illuminated or possible rough idle after an injector replacement.</p> <p>Initial diagnosis may display any of these misfire and/or fuel trim related codes:</p> <ul style="list-style-type: none"> • P0300-P0308 • P050D • P0171 • P0172 • P0174 • P0175 • P2099 • P219A • P219B

Service Procedure

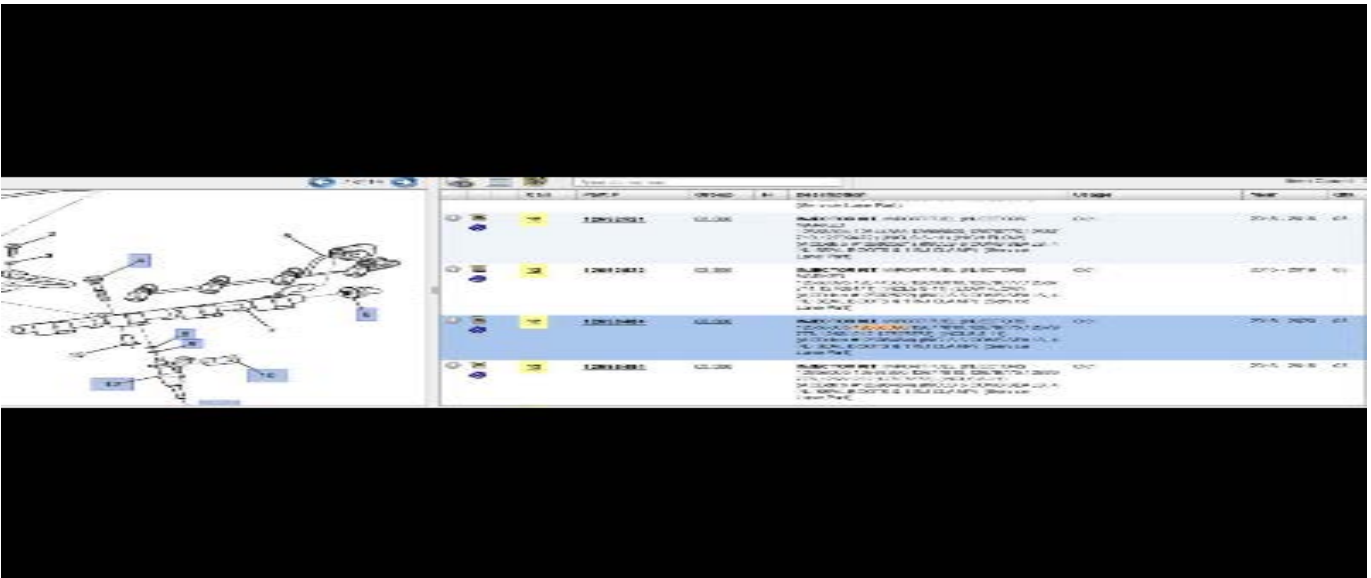
If during repair an injector replacement is required, it will be necessary to refer to the parts catalog to ensure the correct injector is ordered and installed in the suspect cylinder. Refer to example below on how to identify and order the correct injector.

- EXAMPLE:
 - 2016 SILVERADO 1500 4WD CREW CAB
 - VIN# 3GCUKSEXXG251110
 - Engine RPO L83 – 5.3L



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1. Identify which injector part number you have. The 8-digit injector part number can be found on the injector body as shown.
2. Enter the VIN in the parts catalog and go to the fuel injector rail parts section.



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3. After the injector part number has been identified on the body of the injector, in the description column.
 - For example, part number 12668390 highlighted in the table.
 - To the left is the part number that will need to be order.
 - In this example, that would be 12698484.



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Note: If for some reason the injector has been removed, discarded or have all injectors on the bench and are not sure which one goes where, then the best thing to do is order the “NOM FLOW” injector part number as shown above, in the quantity you need and install them in the engine. In this case you would order what is shown below.

When fuel rails are assembled at the supplier the injector installed in the fuel rail can be nominal, low or high flow injectors. This is done to try and get an even balance or flow across the fuel rail for emission requirements. Also, the replacement injector kits will be a different part number than the injectors, and also that a kit may contain one of several different injector part numbers.

Version	1
Modified	Released May 05, 2020

