



Service Bulletin

File in Section: -

Bulletin No.: 18-NA-137

Date: April, 2018

TECHNICAL

Subject: Fuel Injector Seal Replacement for Fuel Odor and/or Extended Cranking

This Bulletin replaces PIP5234C. Please discard PIP5234C.

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Cadillac	CTS-V	2016	2018	All	All	6.2L LT4	All
Cadillac	Escalade	2015	2018			5.3L L83 6.2L L86	
Chevrolet	Camaro	2016	2018			6.2L LT1	
Chevrolet	Camaro	2017	2018			6.2L LT4	
Chevrolet	Corvette	2014	2018			6.2L LT1	
Chevrolet	Corvette	2015	2018			6.2L LT4	
Chevrolet	Silverado	2014	2018			4.3L LV3 5.3L L83 6.2L L86	
Chevrolet	Suburban	2015	2018			5.3L L83 6.2L L86	
Chevrolet	Tahoe	2015	2018			5.3L L83 6.2L L86	
GMC	Sierra	2014	2018			4.3L LV3 5.3L L83 6.2L L86	
GMC	Yukon	2015	2018			5.3L L83 6.2L L86	

Involved Region or Country	North America and N.A. Vehicles Exported to Central America, South America, Europe, Middle East, Israel, Russia, Japan, Korea and North Africa
Condition	Some customers may comment that an underhood fuel odor is present and/or starting the engine sometimes requires extended cranking time.
Cause	This may be caused by one or more of the fuel injector O-rings and/or seals being damaged or dislodged.
Correction	To correct this condition, perform the following Service Procedure.

Service Procedure

Perform the following visual/physical inspections in order to determine the source of the fuel odor.

- Verify that the fuel tank fuel pump module seal is not leaking.
- Inspect for leaking, damaged and deteriorated fuel lines, connectors and components from the fuel tank to the engine.
- Inspect the Evaporative Emission Control System (EVAP) for any damaged, loose or disconnected components and for a saturated EVAP canister.
- Inspect for evidence of fuel injector leakage on the engine cylinder head and nearby components.
- Fuel injectors can leak fuel due to mis-positioned, split or torn O-rings and/or seals. The smell of unburned gasoline may also be very noticeable **under the hood**.

Notice: The fuel injectors **MUST** be rebuilt whenever the injectors have been removed from the fuel injector rail or the cylinder head. If equipped, replace the engine insulator if it has absorbed fuel or emits a fuel odor.

- ⇒ If the source of the fuel odor is determined to be from **under the hood** and the visual/physical inspection did not reveal any fuel leaks elsewhere on the vehicle, rebuild all of the fuel injectors. Refer to *Fuel Injector Replacement* and *Fuel Rail and Injectors Cleaning and Inspection* in SI.

Parts Information

Notice: Some engines have different fuel injector Flow rates. If it is necessary to replace an injector(s), be sure to install the same Flow rate injector back into the engine by checking the part number on the injector housing. Mixing injectors with different Flow rates will cause driveability concerns, DTCs to set and repeat fuel injector replacements.

- ⇒ If an injector needs to be replaced on LV3 or L83, replace it with a Service Injector with **Nominal Flow**.
- ⇒ If an injector needs to be replaced on L86, LT1 or LT4, replace it with a Service Injector with **Nominal Flow, Low Flow or High Flow**, depending on the Flow rate it was originally equipped with.

Refer to the General Motors Electronic Parts Catalog (EPC) for the correct application.

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	Model / Model Year	Engine	Labor Time
4086168*	Fuel Injector Replacement	CTS-V 2016-2018	6.2L LT4 (Both Banks)	6.6 hrs
		Escalade 2015-2018	5.3L L83 (Both Banks)	3.5 hrs
			6.2L L86 (Both Banks)	3.5 hrs
		Camaro 2016-2018	6.2L LT1 (Both Banks)	3.8 hrs
		Camaro 2017-2018	6.2L LT4 (Both Banks)	6.9 hrs
		Corvette 2014-2018	6.2L LT1 (Both Banks)	3.9 hrs
		Corvette 2015-2018	6.2L LT4 (Both Banks)	5.7 hrs
		Silverado 2014-2018	4.3L LV3 (Both Banks)	1.8 hrs
			5.3L L83 (Both Banks)	3.5 hrs
			6.2L L86 (Both Banks)	3.5 hrs
		Suburban 2015-2018	5.3L L83 (Both Banks)	3.5 hrs
			6.2L L86 (Both Banks)	3.5 hrs
Tahoe	5.3L L83 (Both Banks)	3.5 hrs		
	6.2L L86 (Both Banks)	3.5 hrs		
Sierra 2014-2018	4.3L LV3 (Both Banks)	1.8 hrs		
	5.3L L83 (Both Banks)	3.5 hrs		
	6.2L L86 (Both Banks)	3.5 hrs		
Yukon 2015-2018	5.3L L83 (Both Banks)	3.5 hrs		
	6.2L L86 (Both Banks)	3.5 hrs		

*This is a unique Labor Operation for Bulletin use only.

Version Information

Version	1
Modified	Released April 25, 2018

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, **DO NOT** assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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