



Service Bulletin

Bulletin No.: 18-NA-137

Date: November, 2019

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	
Chevrolet	Express	2019	2019			4.3L LV1	
GMC	Sierra	2014	2018			4.3L LV3 5.3L L83 6.2L L86	
GMC	Yukon	2015	2018			5.3L L83 6.2L L86	
GMC	Savana	2019	2019			4.3L LV1	

Involved Region or Country	North America and N.A. Vehicles Exported to Central America, South America, Europe, Middle East, Israel, Russia, Japan, Korea, North Africa and Thailand
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 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.

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 O-Ring Replacement	CTS-V 2016-2018	6.2L LT4 (Both Banks)	6.6 hrs
		Escalade 2015-2018	5.3L L83 (Both Banks)	4.5 hrs
			6.2L L86 (Both Banks)	4.5 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)	4.5 hrs
			6.2L L86 (Both Banks)	4.5 hrs
		Suburban 2015-2018	5.3L L83 (Both Banks) 6.2L L86 (Both Banks)	4.5 hrs 4.5 hrs
		Tahoe 2015-2018	5.3L L83 (Both Banks)	4.5 hrs
			6.2L L86 (Both Banks)	4.5 hrs
Express 2019	4.3L LV1 (Both Banks)	4.3 hrs		
Sierra 2014-2018	4.3L LV3 (Both Banks)	1.8 hrs		
	5.3L L83 (Both Banks)	4.5 hrs		
	6.2L L86 (Both Banks)	4.5 hrs		
Yukon 2015-2018	5.3L L83 (Both Banks)	4.5 hrs		
	6.2L L86 (Both Banks)	4.5 hrs		
Savana 2019	4.3L LV1 (Both Banks)	4.3 hrs		

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

Version Information

Version	3
Modified	Released April 25, 2018 Revised June 11, 2018 – Added the 2019 Express and Savana with 4.3L LV1 engine and its Warranty Information and removed fuel injector Flow rate information. Revised November 15, 2019 - Updated the Warranty Information section adding an additional hour to the labor time of the V8 truck vehicles.

