



Service Bulletin

File in Section: -

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INFORMATION

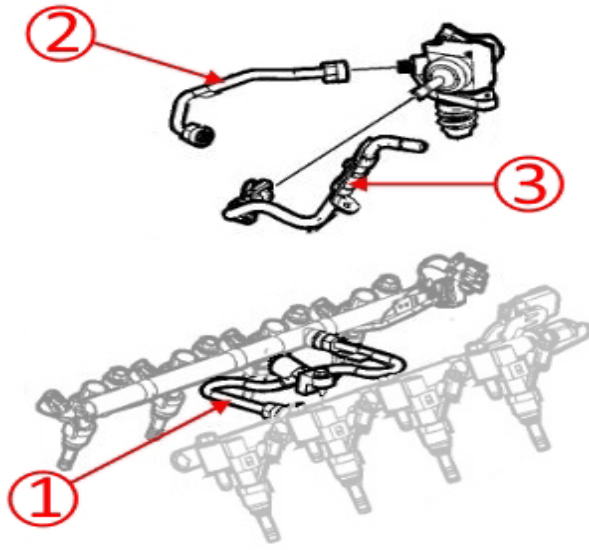
Subject: Information On Fuel Odor and/or Fuel Leaks from Underhood SIDI Pipes Between High Pressure Pump and Fuel Rails

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Cadillac	CTS	2016	2017			LT4	All
	Escalade	2015	2017			L83, L86,	All
	Escalade ESV	2015	2017			L83, L86,	All
Chevrolet	Camaro	2016	2017			LT1, LT4	All
	Silverado 1500	2014	2014			LV1, LV3, L83, L86	All
	Corvette	2015	2017			LT1, LT4	All
	Suburban 1500	2015	2017			L83, L86,	All
	Tahoe	2015	2017			L83, L86,	All
GMC	Sierra 1500	2014	2014			LV1, LV3, L83, L86	All
	Yukon	2015	2017			L83, L86,	All
	Yukon XL	2015	2017			L83, L86,	All

Involved Region or Country	North America and N. A. Export Regions
Condition	<p>Some customers may comment on one or more of the following conditions:</p> <ul style="list-style-type: none"> • Fuel odor smelled • Fuel leak in front of vehicle • Low/poor fuel economy • Vehicle hard start or engine stumble • Vehicle no start • Wet foam insulator on engine <p>The technician may find fuel leaking around the bellhousing or VL0M.</p> <p>Note: The conditions listed may occur with or without the Malfunction Indicator Lamp (MIL) illuminating.</p>
Important:	It is required to replace the engine fuel feed intermediate pipes during any service repairs that required one or more of the pipes to be loosened or removed.
Cause	This condition may be caused by the result of a fuel leak at one of the high pressure fuel rail pipe connections that was installed incorrectly during service of another engine component, that required the fuel system to be opened. (i.e. fuel rail, lifter, head gasket, High pressure pump, injector, etc.)

Correction

Important: If any damage occurred due to leaking fuel, be sure to replace as necessary. (i.e. Fuel Pump Insulator)



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If you encounter a vehicle with the above concern, perform the following steps:

1. Install Dye, P/N 88861206 (in Canada, P/N 88861259) into the fuel system via the filler neck.
2. Start Engine and let idle for 15 minutes.
3. Remove intake manifold.
4. Inspect for any leaks.

Note: **** Tightening the nuts is not an approved procedure ****

5. If a leak is found at any nut location, change as denoted below.
 - If a leak in pipe 2 is found, change **only** pipe 2 (Int pipe 2), ensuring the interfaces for this tube are clean and free of debris.
 - If a leak in pipe 1 is found, change pipe 1 **and** pipe 2 (Int pipe 1 and 2), ensuring the interfaces for this tube are clean and free of debris.
 - If a leak in pipe 3 is found, change pipe 3 only (Fuel feed). Ensure the interfaces for this tube are clean and free of debris.
6. After installing the new pipes, start the engine, let idle for 3 minutes and confirm no leak is evident. Performing a post-install leak check has proven to be beneficial so customers do not return with another leak.
7. If required, replace the engine insulator if absorbed with fuel or emits a fuel odor.

If you cannot conclude if the leak is coming from one of the fuel feed pipes, start the engine and let idle for 5 minutes looking for source of leak. Refer to SI for further diagnostics.

Parts Information

Refer to the Electronic Parts Catalog (EPC) to determine the proper part numbers required for the Fuel Feed Pipe and the Fuel Feed Intermediate Pipes, if replacement is required.

Service Information

Refer to Fuel Feed Pipe Replacement in SI.
 Refer to Fuel Feed Intermediate Pipe Replacement - Position 1 in SI.
 Refer to Fuel Feed Intermediate Pipe Replacement - Position 2 in SI.

Version	2
Modified	July 11, 2017 - Updated the Models, Correction and Parts Information sections.

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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