



Service Bulletin

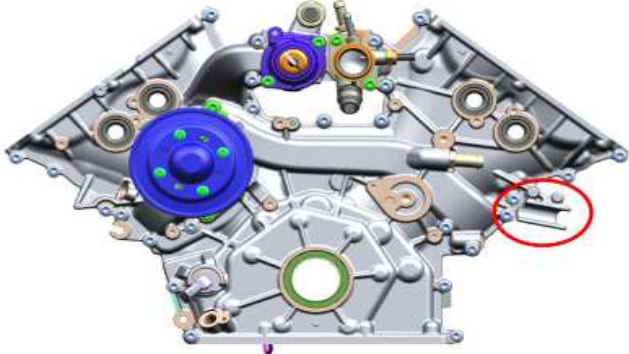
Bulletin No.: 22-NA-072

Date: September, 2022

TECHNICAL

Subject: Fuel Rail or Intermediate Fuel Feed Pipe Retrofit Procedure

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Cadillac	CT6	2019	2020	—	—	4.2L Twin-Turbo (RPO LTA)	—

Involved Region or Country	North America
Condition	Some technicians may determine that the fuel feed pipe or fuel rail needs to be removed and replaced in order to perform a specific repair, then a new fuel feed pipe along with the fuel rail and several other components will need to be installed to complete the repair.
Cause	This condition may be caused by a dimensional change to the fuel feed pipe and fuel rail assembly during the 2019 model year. This change prompted a release of a 2nd design fuel feed pipe, fuel rail assembly, oil cooler pipe and engine front cover. This second design fuel feed pipe or fuel rail assembly will not back service an engine that was originally equipped with the 1st design fuel feed pipe, fuel rail assembly or engine front cover.
Correction	<p>To retrofit the engine to accommodate these 2nd design parts differences, it will be necessary to replace the fuel rail assembly, fuel feed pipe and engine oil cooler pipe to completely update the engine to the latest service content. There were also 2 designs of the engine front cover that were released in production. One with the fuel pipe channel (shown below) and one without. Before ordering the parts, you will need to determine which front cover you have. If you have the 1st design front cover (shown below), you will need to order a new engine front cover to complete the repair. If the front cover does not have the channel, you do not need to replace the engine front cover.</p> <div style="text-align: center;">  </div>

6003768

Service Procedure

Refer to *Engine Front Cover Replacement* in the Service Manual.

Parts Information

Causal Part	Description	Part Number	Qty
X	RAIL, F, INJN FUEL	12697911	1
X	PIPE, FUEL FEED INTER	12697944	1
N/A	PIP, ENG OIL CLR	12698551	1
N/A	SEAL, ENG FRT CVR Kit (if required)	12694157	1
N/A	COVER, ENG FRT (E/W/PMP) (if required)	12698470	1

Warranty Information

Important: ONLY use this section if the fuel rail assembly, fuel feed pipe, engine oil cooler pipe and front engine cover are replaced.

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

Note: Warranty Coverage Code E1 applies to Labor Operation Numbers 4088578 and 4088588.

Labor Operation	Description	Labor Time
4088578*	Engine Front Cover Replacement, Fuel Injection Fuel Rail Assembly Replacement - Bank 1, Fuel Feed Inter Pipe, and Engine Oil Cooler Inlet Pipe Replacement	23.1 hrs
Add	Recover/Recharge R1234YF	1.2 hrs
*This is a unique Labor Operation for bulletin use only.		

Important: ONLY use this section if the fuel rail assembly, fuel feed pipe and engine oil cooler pipe are replaced.

Labor Operation	Description	Labor Time
4088588*	Fuel Injection Fuel Rail Assembly Replacement - Bank 1, Fuel Feed Inter Pipe, and Engine Oil Cooler Inlet Pipe Replacement	17.4 hrs
Add	Recover/Recharge R1234YF	1.2 hrs
*This is a unique Labor Operation for bulletin use only.		

Version	1
Modified	Released September 02, 2022

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.



WE SUPPORT VOLUNTARY
TECHNICIAN
CERTIFICATION