

**Subject:** Engineering Information - Oil Leaking from Front of Engine

**Attention:** Proceed with this EI ONLY if the customer has commented about this concern AND the PIE number is listed in the Global Warranty Management / Investigate History link (GWM/IVH). If the customer has not commented about this condition or the EI does not show in GWM/IVH, disregard the PIE and proceed with diagnostics found in published service information. THIS IS NOT A RECALL refer to Service Bulletin 04-00-89-053 for more details on the use of Engineering Information bulletins.

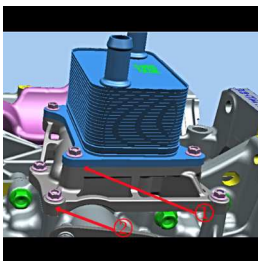
Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Silverado 1500 (New Model)	2019	2019	—	—	Equipped with 2.7L Engine (RPO L3B)	—
	Silverado 1500	2020	2021				
GMC	Sierra 1500 (New Model)	2019	2019				
	Sierra 1500	2020	2021				

Involved Region or Country	North America
Condition	<b>Important:</b> If the customer did not bring their vehicle in for this concern, DO NOT proceed with this EI. Some customers may comment on oil leaking form the front of the engine.
Cause	GM Engineering is attempting to determine the root cause of the above condition. Engineering has a need to gather information on vehicles PRIOR to repair that may exhibit this condition. As a result, this information will be used to "root cause" the customer's concern and develop/validate a field fix.

## Correction

If you encounter a vehicle with the above concern, perform the following steps and contact the engineer listed below with your findings:

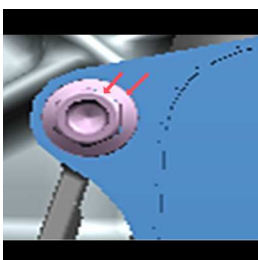
1. Identify what fluid is leaking and determine if it is an oil leak or coolant leak.



2. Identify if the leak is between the engine oil cooler and adaptor or the adaptor and engine block and also note which joint the leak is coming from, joint 1 (1) or joint 2 (2) (to spec torque of 25Nm), as shown in the picture above, in the tightening direction and document how many turns the bolt moved.

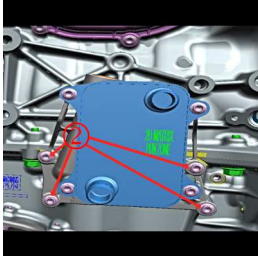
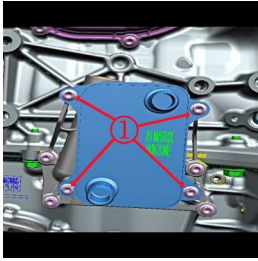
**Note:** If leak is not clear, clean the area from oil and run the engine for a while until the leak re-appears.

3. Take a clear close up picture of the leak.





4. Use a marker to draw a line on the bolt head and the mating part.



5. Use a torque wrench and torque the bolts from joint 1 (1) and joint 2 (2), shown in the pictures above, in the tightening direction until the bolt starts moving.
6. Record the torque value for each bolt. If no digital torque wrench is available then:
  - 6.1. First mark the line.
  - 6.2. Torque the bolt to the specified torque value of 8.5 Nm
  - 6.3. Confirm with Yes or No, if the angle between the line on the bolt head and the line on the mating part, after the bolt had been torqued to 8.5 Nm, is more than 5 Deg°
7. Contact the engineer listed for further directions.

## Contact Information

The Contact Information has been redacted.

Please include the following information if leaving a message:

- Technician name
- Dealer name and phone number
- Complete VIN and repair order (R.O) number

On the repair order, document the date and time the call was placed (even if the engineer was not reached).

If engineering is unable to return the call within one hour, proceed with diagnosis and repair based on information found in SI.

## Warranty Information

If engineer was contacted or required information was provided, use:

Labor Operation	Description	Labor Time
4088638*	Engineering Information - Oil Leaking from Front of Engine	0.4 hrs.
*This is a unique Labor Operation for bulletin use only.		

Version	1
Modified	Released April 26, 2022