



Preliminary Information

PIP5845A Engine Coolant Reservoir Overfilled With Discolored Coolant Possible Engine Overheat Transmission Shake Shudder Vibration Shift Performance Or Slipping

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Cadillac	Escalade Models	2021 - 2022	03/01/2021	03/31/2022	LM2	MQC
Chevrolet	Silverado	2021 - 2022	03/01/2021	03/31/2022	L3B LM2	MQB MQE
Chevrolet	Suburban	2021 - 2022	03/01/2021	03/31/2022	LM2	MQC
Chevrolet	Tahoe	2021 - 2022	03/01/2021	03/31/2022	LM2	MQC
GMC	Sierra	2021 - 2022	03/01/2021	03/31/2022	L3B LM2	MQB MQE
GMC	Yukon Models	2021 - 2022	03/01/2021	03/31/2022	LM2	MQC

Involved Region or Country	North America
Condition	<p>Some customers may comment of the following conditions: Engine coolant reservoir is discolored with a strawberry milkshake appearance and may be overfilled to the point where coolant is being expelled from the overflow. See photo below (coolant is not bright orange and translucent). In addition to above, engine, and/or transmission may experience an overheat condition. In addition, possible degraded transmission performance including any of the following: Shudder, vibration, shake, shift performance and slipping. The transmission fluid level may be low when checked. Transmission may have overheat/burnt fluid, with or without any DTC setting, and/or without showing the strawberry milkshake appearance. Any transmission related concern found with vehicle built between the build dates listed above, should have the fluid tested for possible glycol contamination.</p>
Cause	<p>The Automatic Transmission Fluid Cooling Exchanger may have an internal leak allowing transmission fluid and engine coolant to intermix contributing to and of the above conditions.</p>

Correction:



Confirm the presence of coolant in the transmission fluid using Service Bulletin # [08-07-30-035](#) (Information on Water Ethylene Glycol in Transmission) in SI.

Using [08-07-30-035](#) as a guide repair or replace the transmission assembly following SI.

Replace the Automatic Transmission Fluid Cooling Exchanger.

Thoroughly Flush the Engine Coolant System to remove the contaminated engine coolant following SI.

Refill the engine coolant system following SI.

Warranty Information

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.

Labor Operation	Description	Labor Time
8451010	Automatic Transmission Fluid Cooling Exchanger Replacement.	Use published labor time.

Note: The Automatic Transmission Fluid Cooling Exchanger is the causal part the other components should be added to the warranty claim.

Time punches should be used to support the OLH required.

Version History

Version	2
Modified	03/23/2022 - Created on. 10/19/2022 - Updated to add addition comments for conditions.



GENERAL MOTORS