

2010 - 2021 Cadillac ATS-V CTS-V CT5-V CT6-V: #21-NA-108: Information on Engine Overheating, Cooling System Contaminated with Engine Oil - (May 4, 2021)

#21-NA-108: Information on Engine Overheating, Cooling System Contaminated with Engine Oil - (May 4, 2021)

Subject: Information on Engine Overheating, Cooling
System Contaminated with Engine Oil

This bulletin replaces PIP5257E. Please discard PIP5257E.

Brand:	Model:	Model Year:		VIN:		Engine: (3.0L or 3.6L)	Transmissi on:
		from	to	from	to		
Buick	Allure	2010	2016	—	—	LF1, LFW, LFX, LLT	—
	Enclave		2021			LFY, LLT	
	LaCrosse		2019			LF1, LFW, LFX, LGX	
Cadillac	ATS	2013	2019			LF4, LFX, LGX	
	CT5	2020	2021			LGY	
	CT6	2016	2021			LGW, LGX	
	CTS	2010	2019			LFW, LF3, LFX, LGX	
	SRX	2010	2016			LFX, LFW	
	XT5	2017	2021			LGX	

Chevrolet	XT6	2020	2021	LGX
	XTS	2013	2019	LF3, LFX
	Blazer	2019	2021	LGX
	Camaro	2010	2021	LFX, LGX
	Caprice	2012	2017	LFX
	Captiva	2011	2018	LFW, LFX
	Colorado	2015	2021	LFX, LGZ
	Equinox	2010	2017	LF1, LFW, LFX
GMC	Impala	2012	2020	LFX
	Traverse	2010	2021	LFY, LLT
	Acadia	2010	2021	LGX, LLT
	Canyon	2015	2021	LFX, LGZ
	Terrain	2010	2016	LF1, LFW, LFX

Involved Region or Country

North America, Europe, Russia, Middle East, Iraq, Brazil, Chile, Colombia, Ecuador, Paraguay, Uruguay, Venezuela, Japan, GM Korea Company, Cadillac Korea (South Korea), China, Taiwan, Singapore, Australia/New Zealand, Other Africa

Condition

Some customers may comment that the engine is overheating.

Some customers may also comment on one or more of the following conditions:

- Oil in the coolant overflow reservoir
- Coolant discharging from the coolant reservoir

Cause

This condition may be caused by a leakage

from the main oil gallery to a water jacket through block porosity or thin wall casting.

- A very thick oil in coolant mix in the radiator and coolant overflow reservoir may be found.
- The average oil pressure is over 414 kPa (60 psi) and the coolant pressure is 110 kPa (16 psi).

Correction

If a vehicle with this concern has been verified:

- if equipped, test the oil cooler system for possible leaking into the coolant through the radiator. If the oil cooler tests good, or the vehicle is not equipped with an oil cooler, then reference this bulletin and replace the engine as well as all rubber coolant hoses.
- If possible, flush the radiator and heater core. Only replace those as needed.
- if equipped, flush the rear heater core and replace hoses. Only replace those as needed.

Service Procedure

Note: Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.

Refer to *Engine Replace* in SI.

Version

1

Modified

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