

Service Bulletin

Date: September, 2016

TECHNICAL

Subject: Moaning or Vibration Type Buzzing Noise from Under Vehicle

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Cadillac	ATS	2016	2017				M5U
	CTS				LF4, LT4	UCIVI	

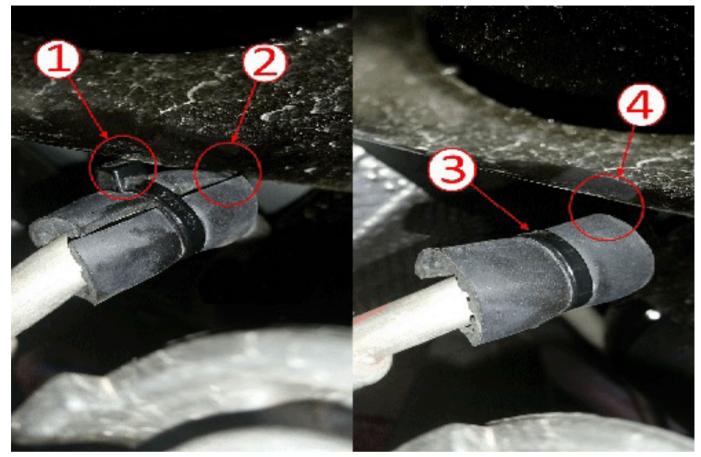
Involved Region or Country	North America and N.A. Export Regions	
Condition	 Some customers may comment on the following conditions from under the vehicle: Moaning noise around 700-900 RPM Vibration type buzzing noise Some customers may also comment that the transmission has a loud whine in 	
	fourth gear. The Technician may notice that the conditions will occur when the vehicle is at operating temperatures or the transmission fluid is between 120-140°F (49-60°C).	
Cause	This condition may be caused by the transmission/rear differential cooling lines contacting the body.	

Correction

Note: The cooler lines must be positioned so that any noise that is created from the transmission or rear differential can not be amplified through the vehicles body.

If the transmission/rear differential cooler lines have been found contacting the body, the lines must be repositioned away from the contact point.

Inspection



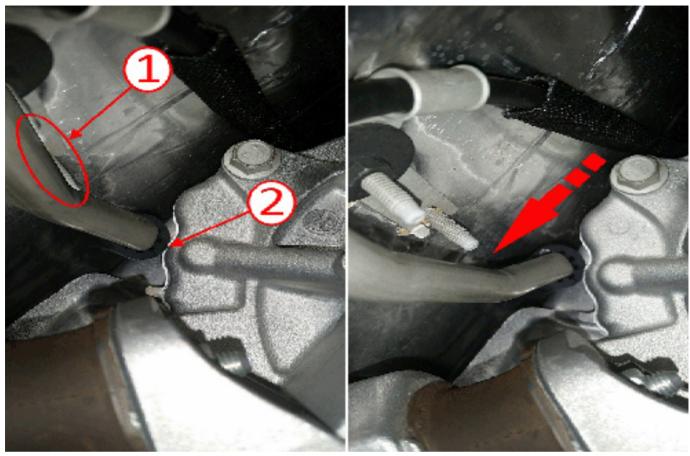
- 1. Inspect tie straps (1) or bumpers (2) for signs of contact with the vehicle body.
 - The tie straps should be positioned away from the body (3).
 - The cooler line insulators should not contact the body, frame or rear cradle (4).

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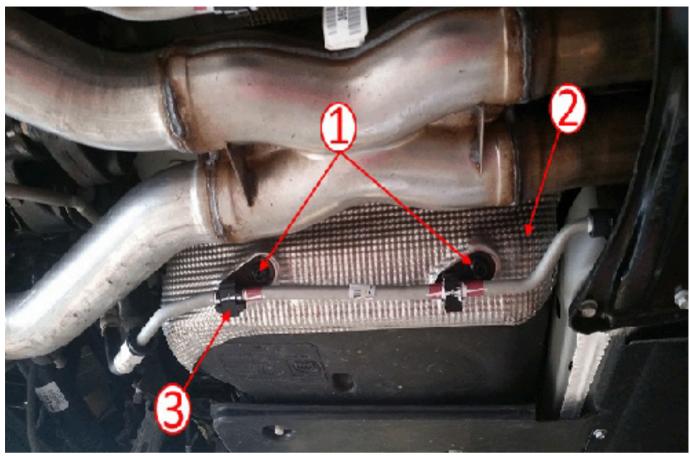
- 2. Inspect cooler lines for contact to mounts (1) or metal on metal (2).
 - If necessary, install or re-position insulators (3) avoiding metal on metal contact.
 - Position cooler lines allowing for proper clearance as shown on the right.

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- 3. Inspect cooler lines for contact with the body or any protruding studs (1).
 - Insulated lines may contact the transmission (2).
 - Position cooler lines away from studs as shown on the right.

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Note: Cooler line clips (3) are held on to a bracket that locks onto a floating style retainer (1), which allows for minimal movement.

- 4. Inspect cooler lines for excessive movement and contact with the body or heat shields (2).
 - Position cooler lines so they do not bind the floating retainer.
 - Verify clips are secured to the cooler lines and retainer brackets.

Warranty Information

Labor Operation	Description	Labor Time		
8480548*	Inspection and Reposition Transmission Oil Cooler Lines	0.5 hr		
*This is a unique Labor Operation for Bulletin use only.				

Version	1
Modified	

GM bulletins are intended for use by professional technicians, NOT a "<u>do-it-yourselfer</u>". 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, <u>DO NOT</u> 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.

