



Service Bulletin

TECHNICAL

Subject: Rear Axle Clunk and/or Chatter Type Noise on Turns (Drain/Refill Rear Differential Fluid)

Models: 2003-2013 Cadillac CTS, Sport Wagon (Including V-Series and Export)
2004-2009 Cadillac SRX (Including Export)
2005-2010 Cadillac STS (Including V-Series and Export)
Equipped with Limited Slip Differential (RPO G80)

This bulletin is being revised to add the 2013 model year. Please discard Corporate Bulletin Number 10-04-20-001D (Section 04 – Driveline/Axle).

Condition

Some customers may comment on a clunk and/or chatter type noise from the rear of the vehicle while making turns.

This condition may be worse on vehicles built prior to the 2008 model year. Carbon-faced clutch plates were introduced into production in the 2008 model year and have decreased the likelihood of the clutch plate chatter.

Cause

This condition may be caused by slip/stick of the posi-traction clutch plates due to insufficient limited-slip axle additive. As plates slip and stick, a jumping or jerking feel occurs accompanied by a clunk noise.

Correction

Important: DO NOT remove the differential cover. It is not necessary to flush the old fluid from the differential.

Drain and refill the rear differential with fluid, GM♦P/N♦88862624 (in Canada, 88862625). Refer to the Axle Lubricant Change procedure in SI.

This fluid includes a friction modifier already added with a different formulation that lasts longer and does not break down over time.

Lubrication Specifications

Application	Quantity	
	Metric	English
Without Differential Oil Cooler	1.1 L	1.16 Qt
With Differential Oil Cooler (Sedan/Wagon)	1.41 L	1.50 Qt
With Differential Oil Cooler (Coupe)	1.8 L	1.9 Qt

Parts Information

Part Number	Description

88862624 (U.S. – 1 qt) 88862625 (Canada – 1 L)	DEXRON® LS Gear Oil
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Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
F9709*	Drain & Refill Rear Axle Fluid	0.6 hr

*This is a unique labor operation for bulletin use only. It will not be published in the Labor Time Guide.

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.



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