

# 2004 - 2008 Cadillac XLR: Service Bulletin: Rear Axle Clunk and/or Chatter Type Noise on Turns

**Subject: Rear Axle Clunk and/or Chatter Type Noise on Turns  
(Drain/Refill Rear Differential Fluid) #07-04-20-002A - (01/09/2008)**

**Models:** 2004 - 2008 Cadillac XLR (Including V-Series and Export)  
2005 - 2008 Chevrolet Corvette (Including Z06 and Export)

**This bulletin is being revised to change the fluid recommendation and to remove the requirement of adding friction modifier.**

## **Condition**

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

## **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 from the rear or the two sides. It is not necessary to flush the old fluid from the differential.**

Drain and refill the rear differential fluid

2004-2005 XLR (Including Export) and 2005 Corvette (Non Export)

1.72 liters

1.85 quarts

2006-2008 XLR (Including V-Series and Export) and 2006-2008 Corvette

(Non Z06)(Non Export)

2.0 liters

2.11 quarts

2005 Corvette Export

1.88 liters

1.99 quarts

2006-2008 Corvette Export (Non Z06)

2.16 liters

2.28 quarts

2006-2008 Corvette Z06

2.75 liters

2.91 quarts

### **Parts Information - Part Number - Description**

88862624 (US-1 Quart)

88862625 (Canada-1 Liter) DEXRON® LS Gear Oil

General Motors bulletins are intended for use by professional technicians, not a "do-it-yourselfer". They are written to inform those 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 a General Motors dealer servicing your brand of General Motors vehicle for information on whether your vehicle may benefit from the information.

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**Subject:** Rear Axle Clunk and/or Chatter Type Noise on Turns (Drain/Refill Rear Differential Fluid and Add Specified Limited-Slip Axle Additive)

**Number:** #07-04-20-002

**Date:** (04/16/2007)

**Models:** 2004 - 2007 Cadillac XLR (Including V-Series and Export)  
2005 - 2007 Chevrolet Corvette (Including Z06 and Export)

### **Condition**

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

### **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 from the rear or the two sides. It is not necessary to flush the old fluid from the differential.

Drain and refill the rear differential fluid using the procedure listed below. Add the increased amount of limited-slip axle additive specified below.

89021677 (89021678 In Canada)

Synthetic Axle Lubricant

Quantity: 2

(3 for Z06 and Export)

1052358 (992694 In Canada)

Limited-Slip Axle Additive

Quantity: 2

**TIP:** Before adding the limited-slip axle additive, the bottle **MUST** be shaken vigorously for at least 1 minute to mix the additive thoroughly, then immediately poured into the differential.

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