



Service Bulletin

File in Section: -

Bulletin No.: PIP5146

Date: August, 2013

PRELIMINARY INFORMATION

Subject: Chatter Or Bind Feel On Turns

Models: 2010-2013 Buick Lacrosse
2010-2013 Cadillac SRX
2013 Cadillac XTS
Equipped with AWD

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

Condition/Concern

Some customers may comment on a bind or shudder on turns during tight parking lot maneuvers.

Recommendation/Instructions

For 2012 Lacrosse and 2012 Lacrosse ONLY update the software calibration in the EBCM. Updated software scheduled for release 8/25/2013 may correct this condition for the 2012 Lacrosse. If EBCM calibration corrects the concern then no further action is required. If the concern is still present after EBCM calibration update then continue on with following recommendations.

Verify that the concern is caused by the rear drive module (RDM). The RDM is considered the differential clutch and limited slip differential clutch and does not reference the electronic control module.

If the condition is isolated to the RDM the Check fluid levels in the differential clutch and the limited slip differential clutch as outlined in Service Information. If fluid levels are incorrect then diagnose and repair as needed. See latest version of PI0703 if the limited slip differential clutch is overfull.

If no fluid level concerns are found then change the differential clutch oil filter using Differential Clutch Oil Filter Replacement procedure in Service Information. Ensure that all old oil is removed from the housing as well as any debris is also cleaned out of the housing.

Important: When refilling the differential clutch if you do not get 300 ml. of oil back into the differential clutch the vehicle WILL set a C0407 symptom 64. You must fill the differential clutch through the vent when it is in the vehicle to get the proper amount of fluid in.

Parts Information

Part Number	Description	Qty
20986573	Filter kit	1
88863349 US 88863350 Canada	Lubricant	300 ML.

Warranty Information

For vehicles repaired under warranty use:

Labor Operation	Description	Labor Time
3031460	Differential Clutch Oil Filter Replacement	Use Published Labor Operation Time
2810035	Electronic Brake Control Module Reprogramming with SPS	Use Published Labor Operation Time

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.