



Service Bulletin

File in Section: -

Bulletin No.: PI0430B

Date: May, 2013

PRELIMINARY INFORMATION

Subject: Magnaride™ Magnetically Controlled Suspension Electrical Connector Not Seated, Service Suspension System Message, DTCs C0575, C0580, C0585 or C0590

Models: 2006-2011 Buick Lucerne
2002-2011 Cadillac STS
2004-2009 Cadillac SRX, XLR
2006-2009 Cadillac XLR-V
2006-2011 Cadillac DTS
2006-2013 Cadillac Escalade EXT
2006-2014 Cadillac Escalade, Escalade ESV
2009-2014 Cadillac CTS-V (Coupe, Sedan, Wagon)
2003-2013 Chevrolet Corvette
2006-2013 Chevrolet Avalanche
2006-2014 Chevrolet Suburban, Tahoe
2006-2014 GMC Yukon, Yukon XL
Equipped with RPO F55, Z55 or Z95

This PI is being revised to update the model years. Please discard PI0430A.

Condition/Concern

Some customers may comment on a Service Suspension System Message displayed on the Drivers Information Center (DIC).

During the assembly process, it is possible that the 90 degree electrical connector at the top end of a shock absorber (actuator) may not have been fully seated or has been bumped firmly enough to partially disconnect it, or create an internal contact concern.

Recommendation/Instructions

Complete the following steps BEFORE attempting shock absorber (actuator) replacement.

Connector with Position Assurance (CPA) Tab (CTS Only)

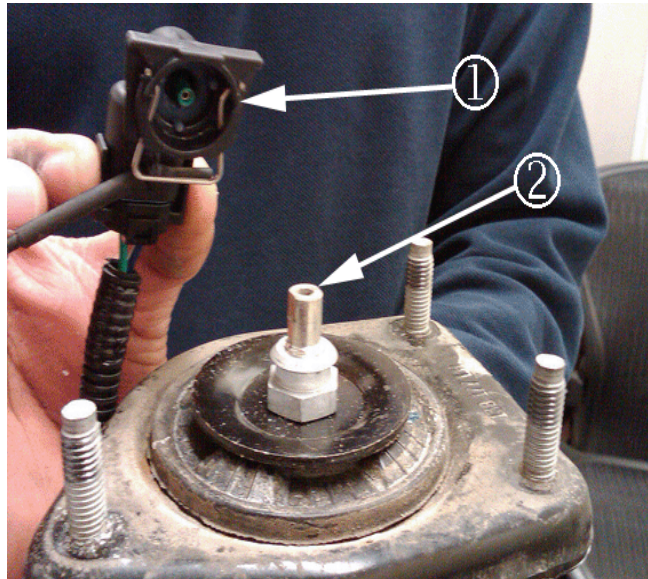


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CTS Models built after February 22, 2011 have a CPA tab (1) as shown above as part of the connector. Vehicles built with this design should be less susceptible to being unseated. The CTS is the only vehicle to adopt this design change. All other products continue with the original style connector.

1. If the diagnostic trouble code (DTC) refers to a front shock absorber (actuator), remove the front shock tower beauty cover (if equipped on the vehicle).

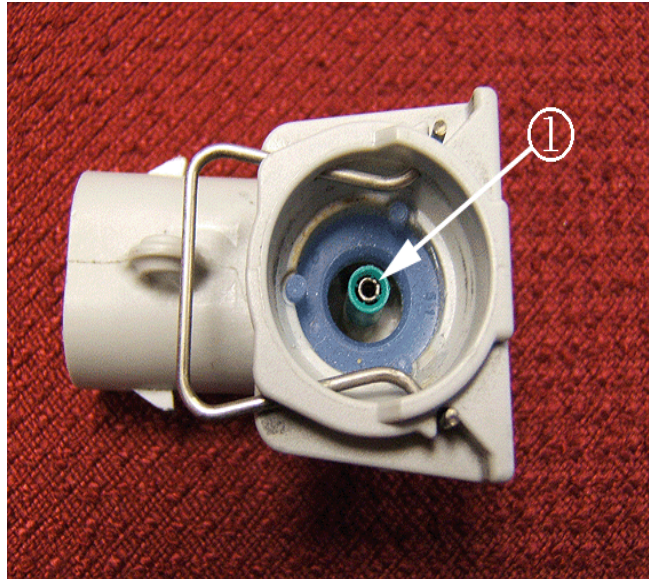
Electrical Connector and Shock Absorber (Actuator) Contact



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2. Disconnect the electrical connector (1) from the top of the applicable shock absorber (actuator) contact (2).

Electrical Connector Insulator and Center Post



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3. Visually examine the green insulator and center post (1) of the electrical connector to assure it is straight and in serviceable condition. Replace the connector and retest if required.
4. Reconnect the electrical connector to the shock absorber (actuator). Clear the suspension DTC and confirm that the code does not reset.
5. If the code returns, remove the electrical connector from the shock absorber (actuator) and pigtail. Swap the connector with the connector on the opposite side shock absorber (actuator).
6. Does the DTC follow the connector to the other side? If YES, replace the connector, if NO refer to SI and follow the diagnostics for the DTC originally found.

Parts Information

Part Number	Description
19180262	Connector, S/ABS Elec Susp Control

Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
8080028*	Suspension Connector Diagnosis and Replacement	0.5 hr

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