

2004 - 2009 Cadillac XLR and XLR-V: Service Bulletin: #PI0430C: Magnaride Magnetically Controlled Suspension Electrical Connector Not Seated, Service Suspension System Message

107 Rob Loszewski January 9, 2020 [Chassis and Suspension](#), [Electrical and Ignition](#) 0 12108

#PI0430C: Magnaride Magnetically Controlled Suspension Electrical Connector Not Seated, Service Suspension System Message, DTCs C0575, C0580, C0585 or C0590 - (June 20, 2019)

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)

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

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

Electrical Connector Insulator and Center Post

- 1. 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.
- 2. Reconnect the electrical connector to the shock absorber (actuator). Clear the suspension DTC and confirm that the code does not reset.
- 3. 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).
- 4. 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
13586171	CONNECTOR KIT, WRG HARN

Online URL:

<https://www.xlr-net.com/knowledgebase/article/2004-2009-cadillac-xlr-and-xlr-v-service-bulletin-pi0430c-magnaride-magnetically-controlled-suspension-electrical-connector-not-seated-service-suspension-system-message-107.html>