

Part 573 Safety Recall Report

17V-116

Manufacturer Name : General Motors LLC**Submission Date :** FEB 23, 2017**NHTSA Recall No. :** 17V-116**Manufacturer Recall No. :** 17085**Manufacturer Information :**

Manufacturer Name : General Motors LLC

Address : 30001 VAN DYKE
MAIL CODE 480-210-2V WARREN MI
48090

Company phone : 5961733

Population :

Number of potentially involved : 2,085

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2017-2017 Buick LaCrosse

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Certain 2017 Buick LaCrosse vehicles.

Production Dates : AUG 23, 2016 - NOV 02, 2016

VIN Range 1 : Begin : NR End : NR

 Not sequential**Description of Defect :**

Description of the Defect : General Motors has decided that a defect which relates to motor vehicle safety exists in certain 2017 Buick LaCrosse vehicles. In these vehicles, the cable seal on one or both of the electric power steering ("EPS") connectors may not be properly seated. If the seal is not properly seated on a connector, water could enter and corrode the connector, or create a high resistance condition capable of melting the connector, potentially resulting in a loss of EPS.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If power steering assist is lost, manual steering functionality is retained but would require an increased steering effort, particularly at lower speeds, increasing the risk of a crash.

Description of the Cause : The terminal cables carrying ground and/or power to the EPS connectors had seals that were poorly crimped by the supplier, making it difficult to fully seat those cables into the EPS connector.

Identification of Any Warning that can Occur : If power steering assist is lost (i.e., the vehicle reverts to manual steer), a malfunction indicator light displays on the instrument panel and a chime sounds to inform the driver.

Supplier Identification :

Component Manufacturer

Name : Delphi Automotive Systems
Address : AVE LOS ALAMOS 80 Colonia PROVILEON
Linares, Nuevo Leon FOREIGN STATES 67755
Country : Mexico

Chronology :

On October 28 and November 1, 2016, wire harness assessments at Detroit Hamtramck on two different 2017 Buick LaCrosse vehicles found Electronic Power Steering (“EPS”) connectors that were not fully seated. Corrective measures were then put into production.

On November 3, 2016, a Vehicle System Engineer submitted a Speak Up for Safety Report regarding the condition. A formal investigation was subsequently opened on December 20, 2016. The investigation found that the wiring supplier provided terminal cables with poorly crimped seals, and that the supplier’s inspector responsible for identifying the condition was insufficiently trained. The poorly crimped seals made it difficult to seat the cable into the EPS connector. Without using a special pick tool to seat the cable, the cable could fail to fit fully into its intended hole, or become dislodged due to a poor fit.

The investigation was reviewed in GM’s Open Investigation Review on February 13, 2017. On February 16, GM’s Safety Field Action Decision Authority (“SFADA”) decided to conduct a safety recall.

Description of Remedy :

Description of Remedy Program : Dealers will use a special tool to ensure a fully seated seal, and use a tie wrap and electrical tape to secure the affected EPS connector seal(s) in place. Pursuant to 49 C.F.R. § 573.13(d)(1), all covered vehicles are under warranty so reimbursement is not offered.

How Remedy Component Differs from Recalled Component : The remedy component has an EPS circuit seal seated in the correct position, as well as a tie wrap and electrical tape added to secure the seal in place.

Recalled Component Name: Harness ASM-ENG WRG
Recalled Component Description: Main body wiring harness
Recalled Component Part Number: 26211178 & 26211179
Recalled Component Country of Origin: Mexico

Identify How/When Recall Condition was Corrected in Production : Vehicles produced between 11/2/2016 and 11/7/2016 have EPS circuit seals seated in the correct position and secured with a tie wrap and electrical tape per work instructions at the assembly plant. Vehicles

produced after 11/7/2016 have EPS connectors with seals corrected in the same manner by the supplier before being shipped to the assembly plant.

Recall Schedule :

Description of Recall Schedule : General Motors will provide dealer bulletin and owner letter notification dates when available.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported