

**Part 573 Safety Recall Report****16V-108****Manufacturer Name :** General Motors LLC**Submission Date :** FEB 19, 2016**NHTSA Recall No. :** 16V-108**Manufacturer Recall No. :** 21510**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 : 74

Estimated percentage with defect : 100

**Vehicle Information :**

Vehicle : 2016-2016 Buick Regal

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Certain 2016 Buick Regal vehicles

Production Dates : AUG 30, 2015 - FEB 12, 2016

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

 Not sequential VINs**Description of Defect :**

Description of the Defect : General Motors has decided that a defect which relates to motor vehicle safety exists in certain 2016 Buick Regal vehicles. In these vehicles, the power-steering assist system can fail while driving. If this occurs, the vehicle will lose power-steering assist.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If power-steering assist is lost, steering control can still be maintained but will require increased steering effort, particularly at lower speeds, which could increase the risk of a crash.

Description of the Cause : A circuit board in the power-steering assist's power module could suddenly fail and cause a loss of power-steering assist.

Identification of Any Warning that can Occur : If power steering assist is lost, a malfunction indicator light and Service Power Steering message will illuminate on the instrument panel and a warning chime will sound.

**Supplier Identification :****Component Manufacturer**

Name : ZF TRW Automotive

Address : 4585 26 Mile Rd

Washington MICHIGAN 48094

Country : United States

**Chronology :**

On November 12, 2015, a test driver at GM's assembly plant in Russelsheim, Germany reported that a 2016 Opel Insignia suddenly lost power-steering assist during squeak-and-rattle testing. The 2016 Buick Regal uses the same electric steering-gear assembly as the 2016 Opel Insignia

On November 12, 2015, a GM engineer in Germany reported the issue as a potential safety issue through GM's Speak Up For Safety (SUFS) program. GM opened a product investigation on December 1, 2015. GM's investigation identified a total of six related power-steering assist failures in 2016 Opel Insignias, five of which were identified while the vehicle was still at the Russelsheim facility. GM's investigation also identified 10 potentially suspect parts that GM's Oshawa assembly plant, which produces the 2016 Buick Regal, either quarantined during the assembly process or repaired in a finished vehicle.

On February 2, 2016, GM's supplier informed GM that it had identified two suspect production lots of electric steering-gear assemblies, totaling 236 parts. In these suspect parts, a circuit board in the power-steering assist's power module could suddenly fail and cause a loss of power-steering assist. 74 vehicles in the U.S. contain these suspect parts. On February 12, 2016, GM's Safety Field Action Decision Authority decided to conduct a safety recall.

**Description of Remedy :**

Description of Remedy Program : Dealers will replace the electric belt drive rack and pinion steering gear assembly. 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 : Replacement parts have circuit boards manufactured with silicon from lots containing the correct material.  
Recalled Component Name: Gear Asm – Elec Belt Drive R/Pinion Strg  
Recalled Component Description: Electric Belt driven Steering Gear  
Recalled Component Part Number: 22969531

Identify How/When Recall Condition was Corrected in Production : Efforts to quarantine suspect steering-gear assemblies were initiated in GM's assembly plant on December 4, 2015. Tracking of defective parts was completed when suspect lots were confirmed in February, 2016.

**Recall Schedule :**

Description of Recall Schedule : Dealers will be notified on February 19, 2016. General Motors will provide owner letter mail dates when available.

Planned Dealer Notification Date : FEB 19, 2016 - FEB 19, 2016

Planned Owner Notification Date : NR - NR

\* NR - Not Reported