

Part 573 Safety Recall Report

14V-541

Manufacturer Name : General Motors, LLC**Submission Date :** SEP 22, 2014**NHTSA Recall No. :** 14V-541**Manufacturer Recall No. :** 14471**Manufacturer Information :**

Manufacturer Name : General Motors, LLC

Address : 29427 Louis Chevrolet Road
MAIL CODE 480-210-2V WARREN MI
48093

Company phone : 586-596-1733

Population :

Number of potentially involved : 205,309

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2013-2013 Cadillac XTS

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Certain 2013 Cadillac XTS

Production Dates : FEB 14, 2012 - JUN 21, 2013

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 2 : 2014-2014 Cadillac XTS

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Certain 2014 Cadillac XTS

Production Dates : FEB 12, 2013 - JUL 24, 2014

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 3 : 2015-2015 Chevrolet Impala

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Certain 2015 Chevrolet Impala

Production Dates : MAR 07, 2014 - SEP 02, 2014

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 4 : 2014-2014 Chevrolet Impala
Vehicle Type : LIGHT VEHICLES
Body Style :
Power Train : NR

Descriptive Information : Certain 2014 Chevrolet Impala

Production Dates : NOV 05, 2012 - MAY 30, 2014

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 5 : 2015-2015 Cadillac XTS
Vehicle Type : LIGHT VEHICLES
Body Style :
Power Train : NR

Descriptive Information : Certain 2015 Cadillac XTS

Production Dates : APR 23, 2014 - AUG 22, 2014

VIN Range 1 : Begin : NR End : NR Not sequential

Description of Noncompliance :

Description of the Noncompliance : General Motors has decided that certain 2013 – 2015 model year (MY) Cadillac XTS and 2014 – 2015 MY Chevrolet Impala vehicles may fail to conform to S5.5 of Federal Motor Vehicle Safety Standard (FMVSS) 135 (Brake system warning indicator). Some of these vehicles have a condition in which the electronic parking brake's piston actuation arm may not fully retract, which may cause the brake pads to stay partially engaged with the rotor. In this condition, the parking brake indicator may not illuminate even though the parking brake is engaged, which would render a vehicle noncompliant with FMVSS 135.

FMVSS 1 : 305 - Electric-powered vehicles: Electrolyte spillage and electrical shock protection

FMVSS 2 : NR

Description of the Safety Risk : In addition to the parking brake indicator malfunction described above, the driver may experience poor vehicle acceleration, undesired deceleration, excessive brake heat, and premature wear to some brake components. If the brake drag is significant or if the vehicle is operated for an extended period of time in this condition, there is a potential for the rear brakes to generate significant heat, smoke, and sparks.

Description of the Cause : When the driver disengages the electronic parking brake, the piston actuation arm does not travel back far enough due to a defect in the electronic parking brake software.

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : Mando Pyeongtaek

Address : 343-1 Manho-ri, Poseung-eup
Pyeongtaek-si, 451 821, South Korea

Country : NR

Chronology :

On April 17, 2014, the National Highway Traffic Safety Administration (NHTSA) opened Preliminary Evaluation PE14-010 to "investigate allegations of inappropriate autonomous braking while driving" in model year (MY) 2014 Chevrolet Impala vehicles.

In response, GM reviewed its warranty records for cases of autonomous braking. This review revealed a potential condition relating to parking brake drag.

On May 20, 2014, GM requested that dealers provide GM with information regarding vehicles experiencing parking brake drag. As a result of this request, GM was able to purchase a vehicle with a malfunctioning parking brake. After analyzing the vehicle, GM determined that the parking brake software was defective.

GM continued to investigate the potential safety and compliance implications of the software defect. GM completed its review and analysis of the warranty and TREAD data in August 2014. On August 27, 2014, GM Safety and Field Action Decision Authority (SFADA) decided to conduct a noncompliance recall.

Description of Remedy :

Description of Remedy Program : Dealers are to update the logic in the electronic parking brake software. Pursuant to 577.11, General Motors does not plan to provide notice about reimbursement to owners because all involved vehicles are covered under the new vehicle warranty.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition NR
was Corrected in Production :

Recall Schedule :

Description of Recall Schedule : General Motors will provide the owner letter mail dates when available.
Planned Dealer Notification Date : SEP 04, 2014 - SEP 04, 2014
Planned Owner Notification Date : NR - NR

* NR - Not Reported