

Part 573 Safety Recall Report

17V-265

Manufacturer Name : General Motors LLC

Submission Date : APR 20, 2017

NHTSA Recall No. : 17V-265

Manufacturer Recall No. : NR



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 : 545

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2014-2016 Chevrolet Caprice Police Pursuit Vehicle

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Certain 2014-2016 Chevrolet Caprice Police Pursuit Vehicles

Production Dates : MAY 15, 2013 - JUL 12, 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 2014-2016 model year Chevrolet Caprice Police Pursuit Vehicles (PPVs). These vehicles were associated with previous recall 16V160 (22010). Pursuant to that recall, and in order to remedy corrosion in the steering gear control units that could potentially lead to a loss of Electronic Power Steering (“EPS”) assistance while driving or idling, these vehicles were repaired with steering gear control units that had epoxy applied to critical areas on the steering gear control unit. Despite successful testing, the remedy failed to improve EPS failure rates in the impacted vehicles.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If power steering 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 : In the affected vehicles, the connector between the EPS module and the torque sensor in the original vehicle design demonstrated a potential for fretting corrosion due to extended idling times and elevated temperatures experienced in typical police applications. Repairing steering gear assemblies with epoxy glue pursuant to the initial recall has shown to be ineffective in the field.

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 : Mando Corporation

Address : 5-22, bangye-Ri, Munmak-Eub,
Wonju-City FOREIGN STATES

Country : Korea, Republic of

Chronology :

Over 2,000 characters, please see attached.

Description of Remedy :

Description of Remedy Program : Dealers will inspect the steering gear assembly and, if fitted with an epoxy-

Description of Remedy Program : reworked part, replace it with a new assembly fitted with gold-plated terminals.

How Remedy Component Differs from Recalled Component : Replacement steering gears have gold plated terminals resistant to fretting corrosion.

Recalled Component Name: Steering gear assembly

Recalled Component Description: Steering gear assembly reworked with epoxy adhesive.

Recalled Component Part Number: 92286201, 2439142, 92288708

Recalled Component Country of Origin: South Korea

Identify How/When Recall Condition was Corrected in Production : No Model Year 2016 Chevrolet Caprice PPVs were produced after July 12, 2016. All Model Year 2017 Chevrolet Caprice PPVs, with a beginning production date of July 25, 2016, have steering gear assemblies with gold plated connectors installed.

Recall Schedule :

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

Planned Dealer Notification Date : APR 20, 2017 - APR 20, 2017

Planned Owner Notification Date : NR - NR

* NR - Not Reported