

# Part 573 Safety Recall Report

# 20V-515

**Manufacturer Name :** General Motors LLC**Submission Date :** AUG 27, 2020**NHTSA Recall No. :** 20V-515**Manufacturer Recall No. :** N202306620**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 : 95

Estimated percentage with defect : 15 %

**Vehicle Information :**

Vehicle 1 : 2014-2016 Chevrolet Caprice Police Pursuit Vehicle

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Warranty records were used to identify vehicles that: (i) were closed by inspection for recall 17V265 and (ii) closed by steering gear install for recall 16V160. Vehicles identified did not have a service record indicating that the vehicle had received a steering gear with gold-plated terminals.

Production Dates : JUN 12, 2013 - MAR 23, 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 may exist in certain 2014-2016 model year Chevrolet Caprice police pursuit vehicles. GM's warranty records indicate that the inspection procedure in NHTSA recall 17V265 may have been performed incorrectly on these vehicles. NHTSA recall 17V265 intended to address the potential for fretting corrosion to occur in the terminals that connect the electronic power steering (EPS) module and the torque sensor. Corrosion on these terminals could potentially lead to a loss of EPS. Because the inspection procedure may have been performed incorrectly, these vehicles may still be equipped with a recalled steering-gear assembly.

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 : NR

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.

## Involved Components :

Component Name 1 : GEAR ASM STRG

Component Description : Steering Gear Assembly

Component Part Number : 92286201, 92288708, 92280375

## Supplier Identification :

### Component Manufacturer

Name : Mando Corporation

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

Country : Korea, Republic of

## Chronology :

While reviewing warranty records in connection with a different product investigation, a GM product-investigation engineer identified service records indicating that certain vehicles covered by NHTSA recall 17V265 may not have received the final recall-remedy component—a steering-gear assembly fitted with gold-plated terminals. On May 18, 2020, the investigator submitted the issue to GM's Speak Up For Safety program. GM opened an investigation on July 14, 2020.

Between July 14 and July 22, 2020, GM reviewed manufacturing records and service histories to attempt to identify vehicles that may have been incorrectly closed by the repairing dealer and may still be equipped with the recalled steering-gear assembly. GM initially identified approximately 119 suspect VINs. Between July 27 and August 18, 2020, GM conducted field inspections on 25 sample vehicles in the suspect population. Of the 25 inspected vehicles, 24 were equipped with the correct gold-plated terminal steering-gear assembly and one was equipped with the recalled steering-gear assembly.

On August 20, 2020, GM's Safety and Field Action Decision Authority decided to conduct a safety recall. GM is not aware of any accidents or injury related to this condition involving these vehicles.

## Description of Remedy :

Description of Remedy Program :	Dealers will inspect the steering gear assembly part number and, if it is not an approved part number, replace it. Pursuant to 577.11, GM will provide reimbursement to owners for repairs according to the plan submitted on May 17, 2019.
How Remedy Component Differs from Recalled Component :	Replacement steering gears have gold plated terminals resistant to fretting corrosion.
Identify How/When Recall Condition was Corrected in Production :	Steering gears fitted with gold plated terminals were implemented in production for 2017 model year. Service procedures for recall 17V265 will be revised to clarify the inspection procedure.

## Recall Schedule :

Description of Recall Schedule :	Dealers will be notified on August 27, 2020. Customer notification is estimated to begin on October 12, 2020.
Planned Dealer Notification Date :	AUG 27, 2020 - AUG 27, 2020
Planned Owner Notification Date :	OCT 12, 2020 - OCT 12, 2020

\* NR - Not Reported