

Part 573 Safety Recall Report**14V-819****Manufacturer Name :** General Motors LLC**Submission Date :** DEC 22,2014**NHTSA Recall No. :** 14V-819**Manufacturer Recall No. :** 14892**Manufacturer Information :**

Manufacturer Name : General Motors LLC

Address : 30001 VAN DYKE

MAIL CODE 480-210-2V WARREN MI 48090

Company phone : 999

Population :

Number of potentially involved : 152

Estimated percentage with defect : 2

Vehicle Information :

Vehicle : 2015-2015 Chevrolet Silverado

Vehicle Type :

Body Style : PICKUP TRUCK

Power Train : NR

Descriptive Information : Certain 2015 Chevrolet Silverado 1500 vehicles

Production Dates : NOV 24, 2014 - NOV 25, 2014

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2015-2015 GMC Sierra

Vehicle Type :

Body Style : PICKUP TRUCK

Power Train : NR

Descriptive Information : Certain 2015 GMC Sierra 1500 vehicles

Production Dates : NOV 24, 2014 - NOV 25, 2014

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 2015 model year (MY) Chevrolet Silverado 1500 and GMC Sierra 1500 vehicles. Certain vehicles may have been assembled with a rear axle shaft that was not properly heat-treated.

Description of the Safety Risk : An improperly heat-treated axle shaft could fracture without warning near the

hub flange resulting in separation of a rear wheel from the axle shaft, increasing the risk of a crash and occupant injury.

Description of the Cause : Shafts used in rear axle assemblies were not properly heat-treated.

Identification of Any Warning that can Occur : NR

Supplier Identification :**Component Manufacturer**

Name : American Axle and Manufacturing (AAM)

Address : One Dauch Drive

Detroit MICHIGAN 48211-1198

Country : United States

Chronology :

On November 27, 2014, American Axle and Manufacturing (AAM) notified GM's Silao assembly plant that two suspect axles may have been shipped to GM's Silao and Fort Wayne assembly plants. The suspect parts were produced at a sub-supplier on November 23, 2014. Quarantine efforts at the sub-supplier were completed on November 24, 2014, and captured all but two parts.

By December 4, 2014, an inspection of the vehicles and components at the Silao and Fort Wayne plants did not locate either of the two suspect axles. After reviewing manufacturing records, GM determined that the population of vehicles that might have been built with the suspect parts was limited to 152 vehicles manufactured on November 24-25, 2014, at GM's Silao facility.

On December 11, a GM engineering evaluation determined that if the suspect parts were to break, the rear wheel could separate from the axle shaft. On December 15, 2014, GM's Safety Field Action Decision Authority (SFADA) decided to conduct a safety recall.

Description of Remedy :

Description of Remedy Program : Dealers are to inspect the rear axle manufacturing code located on the outer end of the axle shaft. If an improperly heat-treated axle shaft is identified, the dealer will replace the axle shaft.

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 : Recalled components are identified by specific Julian dates. Replacement parts are properly heat-treated

Identify How/When Recall Condition was Corrected in Production : Sub-supplier corrected the ground fault on the induction machine involved with heat-treatment of the suspect parts. Sub-supplier also implemented 100% visual inspection of heat treated shafts.

Recall Schedule :

Description of Recall Schedule : General Motors will provide the owner letter mail dates when available.
General Motors sent a stop delivery message to dealers on December 15, 2014,
and the dealer bulletin on December 16, 2014.

Planned Dealer Notification Date : DEC 16, 2014 - DEC 16, 2014

Planned Owner Notification Date : NR - NR

* NR - Not Reported