

Part 573 Safety Recall Report

23V-903

Manufacturer Name : Ineos Automotive Americas, LLC**Submission Date :** DEC 29, 2023**NHTSA Recall No. :** 23V-903**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Ineos Automotive Americas, LLC

Address : 2020 Progress CT STE 100-112

Raleigh NC 27608

Company phone : 919-296-3626

Population :

Number of potentially involved : 61

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2023-2024 INEOS AUTOMOTIVE GRENADIER

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : The affected vehicles were determined based on analyzing production records, and include units that were assembled during the production period where an incorrect part may have been used until a production change was introduced.

Production Dates : MAY 17, 2023 - DEC 04, 2023

VIN Range 1 : Begin : SC6GM1CA0RF010858 End : SC6GN3CAXFPF10148 Not sequential**Description of Defect :**

Description of the Defect : On certain MY23 and MY24 vehicles, incorrect non locking steering rod ball joint nuts may have been used during assembly instead of a locking nut which could result in the nut becoming loose over time or potentially result in a lost nut condition. If the nut loosens to the point at which it becomes lost, the steering rod ball joint can become uncoupled from the steering knuckle.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the non-locking nut loosens enough that it becomes lost and the steering rod ball joint uncouples from the steering knuckle, a loss of steering functionality could occur.

Description of the Cause : NR

Identification of Any Warning that can Occur : Steering free play, excessive vibration and noise as a result of a loose nut.

Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : INEOS AUTOMOTIVE LIMITED

Address : Hawkslease, Chapel Lane,
Lyndhurst Foreign States SO43 7FG

Country : United Kingdom

Chronology :

In early December 2023, INEOS became aware of reports involving two vehicles with loose steering rods observed. Separately, INEOS received a report related to a vehicle with a lost drag link during off-road driving. INEOS initiated an investigation which included an inspection of internal fleet vehicles. This inspection revealed one vehicle in which was installed a non-locking nut instead of a locking nut at the steering rod ball joint. INEOS then conducted an analysis of the screwing curves of vehicles with the locking vs. non-locking nut. Even though the non-locking nut had been torqued to the appropriate value, there was a potential for the non-locking nut to loosen over time. On December 21, 2023 INEOS determined that a safety related defect exists in the identified vehicles and that 5 of those vehicles had been customer delivered.

Description of Remedy :

Description of Remedy Program : INEOS dealers will perform at no charge to the customer, a replacement of the steering rod ball joint nuts.

How Remedy Component Differs from Recalled Component : The replacement nut utilizes an oval lock nut design to secure the fastener.

Identify How/When Recall Condition was Corrected in Production : Running changes were made to the production line assembly process on December 7th.

Recall Schedule :

Description of Recall Schedule : Communicate notification to dealers beginning 12.29.2023. Distribute recall notice to customer vehicles within 60 days of the recall filing.

Customers will be advised to seek reimbursement for pre-notification remedies through INEOS.

Planned Dealer Notification Date : DEC 29, 2023 - DEC 29, 2023

Planned Owner Notification Date : JAN 26, 2024 - JAN 26, 2024

* NR - Not Reported