

Part 573 Safety Recall Report

22V-154

Manufacturer Name : Chrysler (FCA US, LLC)**Submission Date :** MAR 14, 2022**NHTSA Recall No. :** 22V-154**Manufacturer Recall No. :** Z18**Manufacturer Information :**

Manufacturer Name : Chrysler (FCA US, LLC)

Address : 800 Chrysler Drive
CIMS 482-00-91 Auburn Hills MI
48326-2757

Company phone : 1-800-853-1403

Population :

Number of potentially involved : 931

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2021-2022 Dodge Durango

Vehicle Type :

Body Style : SUV

Power Train : NR

Descriptive Information : Some 2021-2022 MY Dodge Durango vehicles may have been built with a steering gear rack bar with hardness below specification, which could potentially result in the bar bending or yielding.

The suspect period began on December 23, 2021, when suspect steering gear rack modules were introduced into vehicle production, and ended on January 15, 2022, when the suspect parts were no longer used in vehicle production. Supplier and vehicle production and traceability records were used to identify the suspect period and specific vehicles.

Similar vehicles not included in the recall were manufactured before or after the suspect period, or with properly hardened steering gear rack modules.

The total affected vehicles for this model is 172.

Production Dates : DEC 23, 2021 - JAN 15, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2022-2022 Jeep Grand Cherokee

Vehicle Type :

Body Style : SUV

Power Train : NR

Descriptive Information : Some 2022 MY Jeep Grand Cherokee WK vehicles may have been built with a steering gear rack bar with hardness below specification, which could potentially result in the bar bending or yielding.

The suspect period began on January 2, 2022, when suspect steering gear rack modules were introduced into vehicle production, and ended on January 15, 2022, when the suspect parts were no longer used in vehicle production. Supplier and vehicle production and traceability records were used to identify the suspect period and specific vehicles.

Similar vehicles not included in the recall were manufactured before or after the suspect period, or with properly hardened steering gear rack modules.

The total affected vehicles for this model is 759.

Production Dates : JAN 02, 2022 -JAN 15, 2022

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : A steering gear rack bar manufactured with hardness below specification may, in certain circumstances, result in bending or yielding. If the steering gear rack bar yields, it could cause a rack bar to bind within the steering rack, possibly resulting in sudden greater effort required to maintain directional steering control and/or the inability to maintain directional steering control.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A sudden greater effort required to maintain directional steering control and/or the inability to maintain directional steering control can cause a vehicle crash without prior warning.

Description of the Cause : NR

Identification of Any Warning that can Occur : None

Involved Components :

Component Name 1 : Electric Power Steering Gear Assembly

Component Description : Gear Assembly - Steering Rack & Pinion Electric

Component Part Number : 68498478AA

Component Name 2 : Electric Power Steering Gear Assembly

Component Description : Gear Assembly - Steering Rack & Pinion Electric

Component Part Number : 68524908AA

Component Name 3 : Electric Power Steering Gear Assembly

Component Description : Gear Assembly - Steering Rack & Pinion Electric

Component Part Number : 68524909AA

Component Name 4 : Electric Power Steering Gear Assembly

Component Description : Gear Assembly - Steering Rack & Pinion Electric

Component Part Number : 68524910AA

Component Name 5 : Electric Power Steering Gear Assembly

Component Description : Gear Assembly - Steering Rack & Pinion Electric

Component Part Number : 68524926AA

Component Name 6 : Electric Power Steering Gear Assembly

Component Description : Gear Assembly - Steering Rack & Pinion Electric

Component Part Number : 68572913AA

Supplier Identification :

Component Manufacturer

Name : Nexteer Automotive

Address : 3900 Holland Road

Saginaw Michigan 48601-9494

Country : United States

Chronology :

- On January 6, 2022, the supplier notified FCA US LLC ("FCA US") Supplier Quality of a potential issue related to an incomplete steering gear rack bar hardening process.
- On February 4, 2022, the FCA US Technical Safety and Regulatory Compliance ("TSRC") organization opened an investigation based on information provided by FCA US Current Production Quality.
- From February 4, 2022, to February 23, 2022, FCA US TSRC reviewed FCA US and supplier records and met with FCA US engineering to review the issue, and understand the part processing and delivery history.
- As of March 3, 2022, FCA US has identified zero customer assistance records, zero warranty claims, and zero field reports potentially relating to this issue for all markets.
- As of March 3, 2022, FCA US is not aware of any accidents or injuries potentially relating to this issue for all markets.
- On March 7, 2022, FCA US determined, through the Vehicle Regulations Committee, to conduct a voluntary safety recall of the affected vehicles.

Description of Remedy :

Description of Remedy Program : FCA US will conduct a voluntary safety recall on all affected vehicles to replace the steering gear assembly.

FCA US has a longstanding policy and practice of reimbursing owners who have incurred the cost of repairing a problem that subsequently becomes the subject of a field action. To ensure consistency, FCA US, as part of the owner letter, will request that customers send the original receipt and/or other adequate proof of payment to the company for confirmation of the expense.

How Remedy Component Differs from Recalled Component : The remedy steering gear assembly will be produced with a properly hardened steering gear rack bar.

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

Recall Schedule :

Description of Recall Schedule : **03/14/2022: FCA US will notify dealers and begin notifying owners on

or about 05/03/2022.

Planned Dealer Notification Date : MAY 03, 2022 - MAY 03, 2022

Planned Owner Notification Date : MAY 03, 2022 - MAY 03, 2022

* NR - Not Reported