

Part 573 Safety Recall Report

20V-124

Manufacturer Name : Chrysler (FCA US LLC)**Submission Date :** MAR 12, 2020**NHTSA Recall No. :** 20V-124**Manufacturer Recall No. :** W12**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 : 33,237

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2018-2020 Jeep Wrangler

Vehicle Type :

Body Style : SUV

Power Train : NR

Descriptive Information : The recall population includes all 2018-2020 MY Jeep Wrangler vehicles equipped with a manual transmission. The suspect period began on August 23, 2017 when 2018 MY production of vehicles with a manual transmission began, and was concluded on February 13, 2020. The suspect vehicle population was determined using vehicle production records.

Similar vehicles not included in the recall are not equipped with manual transmissions.

The total affected vehicles for this model is 29,818.

Production Dates : AUG 23, 2017 - FEB 13, 2020

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2020-2020 Jeep Gladiator

Vehicle Type :

Body Style : PICKUP TRUCK

Power Train : NR

Descriptive Information : The recall population includes all 2020 MY Jeep Gladiator Vehicles equipped with a manual transmission. The suspect period began on December 21, 2018 when production of vehicles with a manual transmission began, and was concluded on February 20, 2020. The suspect vehicle population was determined using vehicle production records.

Similar vehicles not included in the recall are not equipped with manual transmissions.

The total affected vehicles for this model is 3,419.

Production Dates : DEC 21, 2018 - FEB 20, 2020

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : In some circumstances, the clutch pressure plate may become overheated through friction, which may lead the pressure plate to fracture. A fractured pressure plate may crack or fracture the transmission case, allowing heated debris to contact ignition sources on the vehicle, potentially leading to a vehicle fire. A fractured pressure plate may also lead to a loss of propulsion, or generation of road debris.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the heated clutch components ignite a fuel source, a vehicle fire can result, which increases the risk of occupant injury and injury to persons outside the vehicle, as well as property damage. Also, a cracked or fractured transmission case can generate road debris and/or result in loss of propulsion, which can cause a vehicle crash without prior warning.

Description of the Cause : NR

Identification of Any Warning that can Occur : In some circumstances, the operator may smell a burnt clutch odor, or have excessive or abnormal clutch pedal travel prior to the failure.

Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

- On November 27, 2019, the FCA US LLC ("FCA US") Vehicle Safety and Regulatory Compliance ("VSRC") organization opened an investigation as a result of customer inputs for fire incidents on 2018-2020 MY Jeep Wrangler and the 2020 MY Jeep Gladiator vehicles.
- On December 10, 2019, FCA US VSRC investigators and FCA US Powertrain engineers traveled to the FCA US Toledo assembly plant to study the transmission and clutch assembly process.
- On December 17, 2019, FCA US VSRC conducted a scene examination of a vehicle fire that appeared to be related to the transmission.
- On January 22, 2020, FCA US VSRC reviewed a warranty returned transmission and clutch with catastrophic damage.
- On February 5, 2020, FCA US VSRC Materials Engineering Lab completed an analysis of the transmission components and determined the clutch pressure plate reached 1100 degrees Celsius demonstrating the pressure plate is a competent ignition source. The supplier duplicated the failed pressure plate demonstrating the pressure plate was not a fire effect.
- In early February 2020, FCA US VSRC conducted packaging studies, and reviewed supplier records to understand the history of the transmission and clutch failures.
- On February 10, 2020, the clutch supplier conducted testing to reproduce pressure plate failure due to exposure to high heat.
- As of February 20, 2020, FCA US is aware of 13 CAIRS and 13 field reports related to this issue.
- As of February 20, 2020, FCA US is aware of 35 warranty claims related to this issue.

- As of February 20, 2020, FCA US is aware of one minor injury related to this issue.
- On February 25, 2020, 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 affected vehicles to reroute a wire harness and inspect the clutch system, and replace components as needed.

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 :

Part Name: N/A

Part Description: N/A

Part Number: N/A

Part Comment: The defect is air in the hydraulic system and is not a part defect.

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

Recall Schedule :

Description of Recall Schedule : **03/03/2020: FCA US will notify dealers and begin notifying owners on or about 04/22/2020.

Planned Dealer Notification Date : APR 22, 2020 - APR 22, 2020

Planned Owner Notification Date : APR 22, 2020 - APR 22, 2020

* NR - Not Reported