

# Part 573 Safety Recall Report

# 21V-310

**Manufacturer Name :** Chrysler (FCA US, LLC)

**Submission Date :** MAY 04, 2021

**NHTSA Recall No. :** 21V-310

**Manufacturer Recall No. :** Y18



## 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 :** 18,800

**Estimated percentage with defect :** 10 %

## Vehicle Information :

**Vehicle 1 :** 2021-2021 Jeep Cherokee

**Vehicle Type :**

**Body Style :** SUV

**Power Train :** NR

**Descriptive Information :** Some 2021 MY Jeep Cherokee vehicles may have been manufactured with a Transmission Oil Cooler ("TOC") hose with incorrectly cured rubber.

The suspect period began on January 19, 2021, when vehicle production with suspect TOC hoses began, and ended on March 8, 2021, when all suspect TOC hoses were removed from vehicle production. The suspect population was determined using vehicle and supplier manufacturing records.

Similar vehicles not included in this recall were built before or after the suspect period.

**Production Dates :** JAN 19, 2021 - MAR 08, 2021

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

## Description of Defect :

**Description of the Defect :** An incorrectly cured TOC hose may have a weakened hose wall that can rupture, allowing transmission fluid to leak.

**FMVSS 1 :** NR

**FMVSS 2 :** NR

**Description of the Safety Risk :** Transmission fluid leaking from a TOC hose may contact a competent ignition source and lead to a vehicle fire. A vehicle fire may increase the risk of injury to occupants and persons outside of the vehicle, as well as property damage.

**Description of the Cause :** NR

Identification of Any Warning that can Occur : None

## Involved Components :

Component Name 1 : 3.2L TOC Hose

Component Description : Hose and Tube, oil cooler pressure and return 3.2L

Component Part Number : 68399015AA

Component Name 2 : 2.0L TOC Hose

Component Description : Hose and Tube, oil cooler pressure and return 2.0L

Component Part Number : 68399018AA

Component Name 3 : 2.4L TOC Hose

Component Description : Hose and Tube, oil cooler pressure and return 2.4L

Component Part Number : 68399017AA

## Supplier Identification :

### Component Manufacturer

Name : Yokohama

Address : 105 Industry Dr  
Versailles Kentucky

Country : United States

## Chronology :

- On March 2, 2021, the FCA US LLC ("FCA US") Vehicle Safety and Regulatory Compliance ("VSRC") organization opened an investigation as a result of detecting a potential trend in engine fires originating from a ruptured TOC hose in certain Jeep Cherokee vehicles.
- On March 12, 2021, FCA US VSRC received information that a maintenance event at a Tier 2 supplier on November 30, 2020 resulted in a fuse replacement for the water pump in a cure vessel.

- On March 16, 2021, FCA US VSRC confirmed that the returned failed TOC hoses were not cured properly and that all returned ruptured hoses had a specific range of date/time stamps correlating to the Tier 2 maintenance event.
- On March 29, 2021, Yokohama began testing uncured TOC hoses and confirmed the hoses failed early in vehicle life.
- As of April 20, 2021, FCA US has identified four customer assistance records, 160 warranty claims, and seven field reports potentially related to this issue for all markets.
- As of April 20, 2021, FCA US is not aware of any accidents or injuries potentially related to this issue for all markets.
- On April 27, 2021, 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 inspect the TOC hoses, and replace 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 : The remedy parts will be produced with correctly cured rubber.

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

## Recall Schedule :

Description of Recall Schedule : \*\*05/04/2021: FCA US will notify dealers and begin notifying owners on or about 06/23/2021.

Planned Dealer Notification Date : JUN 23, 2021 - JUN 23, 2021

Planned Owner Notification Date : JUN 23, 2021 - JUN 23, 2021

\* NR - Not Reported