

# Part 573 Safety Recall Report

## 20V-042

**Manufacturer Name :** Chrysler (FCA US LLC)**Submission Date :** JAN 24, 2020**NHTSA Recall No. :** 20V-042**Manufacturer Recall No. :** W01**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 : 3,005

Estimated percentage with defect : 10 %

**Vehicle Information :**

Vehicle 1 : 2020-2020 Jeep Wrangler

Vehicle Type :

Body Style : SUV

Power Train : NR

**Descriptive Information :** Some 2020 MY Jeep Wrangler vehicles may have been built with a front axle whose left side lower control arm bracket may not have been in the correct location during the welding process.

The suspect period began on July 22, 2019, when parts built on a broken welding fixture were used in vehicle production, through October 26, 2019, when parts from that broken fixture were no longer used in vehicle production. The component population was determined by reviewing the supplier's front axle production records during the suspect period to identify which axles may have been welded with the bracket off location. Front axle traceability records were then linked to vehicle production records to determine the suspect vehicle population.

Similar vehicles not included in this recall were built with front axles that were assembled outside of the suspect date range or were confirmed through the supplier's records to have been built with a front axle whose lower control arm bracket was welded with a properly performing fixture.

Production Dates : JUL 22, 2019 - OCT 26, 2019

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

## Description of Defect :

Description of the Defect : A left side lower control arm bracket out of position during the welding process may result in the weld being off location. An off location weld may allow the lower control arm to separate from the axle. A separation of the bracket from the axle may cause a reduction in directional control and/or allow the lower control arm bracket to hit the ground while driving, potentially resulting in road debris.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A reduction in directional control and/or road debris can cause a vehicle crash without prior warning.

Description of the Cause : NR

Identification of Any Warning that can Occur : Prior to complete separation of the bracket from the axle, the driver may experience a front end noise or a steering vibration.

## Supplier Identification :

### Component Manufacturer

Name : DANA Incorporated

Address : 28201 Van Dyke Ave  
Warren MICHIGAN 48093

Country : United States

## Chronology :

- On October 15, 2019, the FCA US LLC ("FCA US") Vehicle Safety and Regulatory Compliance ("VSRC") organization opened an investigation as a result of a report submitted by a dealer technician to the FCA US VSRC through a vehicle safety reporting system.
- In October 2019, FCA US LLC Quality received four front axles with the left front lower control arm bracket separated from 2020 MY Jeep Wrangler warranty repairs and sent them to the supplier for analysis. The supplier determined that all four axles had off location welds.
- Between November 2019 and January 2020, FCA US VSRC continued the investigation with the supplier. The supplier determined that on July 22, 2019, the part-contacting detail holding the left side lower control arm bracket to the front axle tube in the weld fixture detached. This allowed the left side lower control arm bracket to be off location on the axle tube by up to approximately 12 mm. Therefore, some welds made during the suspect period may not have sufficient penetration between the axle tube and the bracket.
- As of January 16, 2020, FCA US has identified 2 CAIRs and 1 field report relating to this issue.
- As of January 16, 2020, FCA US has identified 5 warranty claims related to this issue.
- As of January 16, 2020, FCA US is not aware of any accidents or injuries relating to this issue.
- On January 16, 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 to inspect the front axles, and replace if necessary (Part numbers: 68294136AJ, 68294135AJ, 68294375AJ, or 68294356AJ).

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: Front Axle assembly

Part Description: M186 3.45 Open NT Cardan, M186 3.45 Open NT CVJ, M210 4.10 ELD WT Cardan, M210 3.73 Open NT CVJ

Part Number: 68294136AJ, 68294135AJ, 68294375AJ, 68294356AJ

Part Comment: The remedy component will be a front axle verified to have a properly welded lower control arm bracket.

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

## Recall Schedule :

**Description of Recall Schedule :** \*\*01/24/2020: FCA US will notify dealers and begin notifying owners on or about 03/14/2020.

**Planned Dealer Notification Date :** MAR 14, 2020 - MAR 14, 2020

**Planned Owner Notification Date :** MAR 14, 2020 - MAR 14, 2020

\* NR - Not Reported