

# Part 573 Safety Recall Report

# 23V-641

**Manufacturer Name :** Chrysler (FCA US, LLC)**Submission Date :** SEP 18, 2023**NHTSA Recall No. :** 23V-641**Manufacturer Recall No. :** 92A**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 : 6,298

Estimated percentage with defect : 1 %

**Vehicle Information :**

Vehicle 1 : 2022-2023 Jeep Wrangler

Vehicle Type :

Body Style : SUV

Power Train : NR

**Descriptive Information :** Some 2022-2023 MY Jeep Wrangler vehicles may have been built with a manual transmission with an improperly manufactured all gear sensor ("AGS") which may cause the reverse lights and back-up camera to be disabled.

The suspect period began on February 7, 2022, when manual transmissions with improperly manufactured AGSs were introduced into vehicle production, and ended on May 6, 2023, when production of 2023 MY vehicles with manual transmissions ended. The suspect period was determined using supplier and vehicle production records.

Similar vehicles not included in this recall were manufactured before the suspect period or were not equipped with a manual transmission.

The total affected vehicles for this model is 4,530.

Production Dates : FEB 07, 2022 - MAY 06, 2023

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2022-2023 Jeep Gladiator

Vehicle Type :

Body Style : PICKUP TRUCK

Power Train : NR

**Descriptive Information :** Some 2022-2023 MY Jeep Gladiator vehicles may have been built with a manual transmission with an improperly manufactured AGS which may cause the reverse lights and back-up camera to be disabled.

The suspect period began on February 7, 2022, when manual transmissions with improperly manufactured with AGSs were introduced into vehicle production, and ended on February 21, 2023, when production of 2023 MY vehicles with manual transmissions ended. The suspect period was determined using supplier and vehicle production records.

Similar vehicles not included in this recall were manufactured before the suspect period or were not equipped with a manual transmission.

The total affected vehicles for this model is 1,768.

Production Dates : FEB 07, 2022 - FEB 21, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

## Description of Noncompliance :

**Description of the Noncompliance :** Federal Motor Vehicle Safety Standard ("FMVSS") No. 571.111 S6.2.6 requires that "The rear visibility system default to the rearview image being visible and meet the requirements of FMVSS No. 571.111 S6.2.1 (field of view) and S6.2.2 (image size) at the beginning of each backing event, regardless of any modifications to the field of view that the driver had previously selected...". FMVSS No. 571.108 requires that backup lamps "Must be activated when the ignition switch is energized and reverse gear is engaged." Vehicles with suspect AGSs may not display the rearview image or activate the backup lamps during a backing event.

FMVSS 1 : 111 - Rear visibility

FMVSS 2 : 108 - Lamps, reflective devices, and assoc. Equipment

**Description of the Safety Risk :** The vehicle operator will notice that the rearview image is not displayed if attempting to reference the image while backing. If this warning is not heeded, backing without verifying it is safe to do so could lead to an increased risk of injury to people outside the vehicle. Failure to illuminate the backup lamps may not adequately illuminate the roadway behind the vehicle or indicate to other drivers or pedestrians the intention to backup, which can cause a crash without prior warning.

**Description of the Cause :** NR

**Identification of Any Warning that can Occur :** For the rearview camera, the driver will notice that the image is not displayed when the vehicle is placed into reverse. For the backup lamps, none.

## Involved Components :

**Component Name 1 :** Transmission

**Component Description :** Manual Transmission Assembly

**Component Part Number :** 05106257AF, 05106257AG

## Supplier Identification :

### Component Manufacturer

**Name :** Aisin World Corporation of America

**Address :** 15300 Centennial Drive  
Northville Michigan 48168

**Country :** United States

## Chronology :

- On April 24, 2023, the FCA US LLC ("FCA US") Technical Safety and Regulatory Compliance ("TSRC") organization was notified of a potential issue related to the AGS on some Jeep Wrangler and Jeep Gladiator vehicles.
- From April 25, 2023, through August 11, 2023, FCA US TSRC met with FCA US engineering to review the issue, understand part design and failure mode, and to determine the suspect population.
- On August 16, 2023, the FCA US TSRC organization recognized a vehicle build issue existed on certain vehicles related to a condition that can lead to the lack of rearview visibility and rearview lamps, potentially causing a noncompliance with FMVSS No. 111 and No. 108.
- On September 11, 2023, 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 AGS.

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 component is a correctly manufactured AGS.

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

## Recall Schedule :

Description of Recall Schedule : \*\*09/18/2023: FCA US will notify dealers and begin notifying owners on or about 11/07/2023.

Planned Dealer Notification Date : NOV 07, 2023 - NOV 07, 2023

Planned Owner Notification Date : NOV 07, 2023 - NOV 07, 2023

\* NR - Not Reported

# Part 573 Safety Recall Report

## 23E-069

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

**Submission Date :** SEP 18, 2023

**NHTSA Recall No. :** 23E-069

**Manufacturer Recall No. :** 93A



### 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 :** 523

**Estimated percentage with defect :** 1 %

### Equipment Information :

**Brand / Trade 1 :** MOPAR

**Model :** GEAR POSITION SENSOR

**Part No. :** 68331278AB

**Size :** NR

**Function :** NR

**Descriptive Information :** Some all gear sensors ("AGSs") may have been improperly manufactured which may cause the reverse lights and back-up camera to be disabled.

The suspect period began on March 11, 2021, when improperly manufactured AGSs began, and ended on May 22, 2023, when improperly manufactured AGSs ended. The suspect period was determined using supplier production records.

Similar AGSs not included in this recall were manufactured outside of the suspect period, or were manufactured correctly.

The total affected parts for this part number is 183.

**Production Dates :** MAR 11, 2021 - MAY 22, 2023

Brand / Trade 2 : MOPAR

Model : TRANSMISSION ASSEMBLY

Part No. : 05106257AG

Size : NR

Function : NR

**Descriptive Information :** Some manual transmission assemblies may have been built with an improperly manufactured AGS which may cause the reverse lights and back-up camera to be disabled.

The suspect period began on April 13, 2022, when manual transmissions with improperly manufactured AGSs began, and ended on May 22, 2023, when manual transmissions with improperly manufactured AGSs ended. The suspect period was determined using supplier production records.

Similar manual transmission assemblies not included in this recall were manufactured outside of the suspect period, or were manufactured with correctly manufactured AGSs.

The total affected parts for this part number is 158.

**Production Dates :** APR 13, 2022 - MAY 22, 2023

Brand / Trade 3 : MOPAR

Model : TRANSMISSION ASSEMBLY

Part No. : 05106257AF

Size : NR

Function : NR

**Descriptive Information :** Some manual transmission assemblies may have been built with an improperly manufactured AGS which may cause the reverse lights and back-up camera to be disabled.

The suspect period began on December 8, 2021, when manual transmissions with improperly manufactured AGSs began, and ended on March 17, 2022, when manual transmissions with improperly manufactured AGSs ended. The suspect period was determined using supplier production records.

Similar manual transmission assemblies not included in this recall were manufactured outside of the suspect period, or were manufactured with correctly manufactured AGSs.

The total affected parts for this part number is 182.

**Production Dates :** DEC 08, 2021 - MAR 17, 2022

## Description of Noncompliance :

Description of the Noncompliance : Federal Motor Vehicle Safety Standard ("FMVSS") No. 571.111 S6.2.6 requires that "The rear visibility system default to the rearview image being visible and meet the requirements of FMVSS No. 571.111 S6.2.1 (field of view) and S6.2.2 (image size) at the beginning of each backing event, regardless of any modifications to the field of view that the driver had previously selected...". FMVSS No. 571.108 requires that backup lamps "Must be activated when the ignition switch is energized and reverse gear is engaged." When installed in a vehicle, suspect AGSs may not display the rearview image or activate the backup lamps during a backing event.

FMVSS 1 : 111 - Rear visibility

FMVSS 2 : 108 - Lamps, reflective devices, and assoc. Equipment

Description of the Safety Risk : When installed in a vehicle, the vehicle operator will notice that the rearview image is not displayed if attempting to reference the image while backing. If this warning is not heeded, backing without verifying it is safe to do so could lead to an increased risk of injury to people outside the vehicle. Failure to illuminate the backup lamps may not adequately illuminate the roadway behind the vehicle or indicate to other drivers or pedestrians the intention to backup, which can cause a crash without prior warning.

Description of the Cause : NR

Identification of Any Warning that can Occur : For the rearview camera, the driver will notice that the image is not displayed when the vehicle is placed into reverse. For the backup lamps, none.

## Involved Components :

Component Name : GEAR POSITION

Component Description : SENSOR

Component Part Number : 68331278AB

Component Name : TRANSMISSION ASSEMBLY

Component Description : MANUAL TRANSMISSION ASSEMBLY

Component Part Number : 05106257AF, 05106257AG

## Supplier Identification :

## Component Manufacturer

Name : Aisin World Corporation of America  
Address : 15300 Centennial Drive  
Northville Michigan 48168  
Country : United States

## Chronology :

- On April 24, 2023, the FCA US LLC ("FCA US") Technical Safety and Regulatory Compliance ("TSRC") organization was notified of a potential issue related to the AGS on some Jeep Wrangler and Jeep Gladiator vehicles.
- From April 25, 2023, through August 11, 2023, FCA US TSRC met with FCA US engineering to review the issue, understand part design and failure mode, and to determine the suspect population.
- On August 22, 2023, the FCA US TSRC organization recognized a vehicle build issue existed on certain vehicles related to a condition that can lead to the lack of rearview visibility and rearview lamps, potentially causing a noncompliance with FMVSS No. 111 and No. 108.
- On September 11, 2023, FCA US determined, through the Vehicle Regulations Committee, to conduct a voluntary safety recall of the affected units.

## Description of Remedy :

Description of Remedy Program : FCA US will conduct a voluntary safety recall on all affected parts to repurchase suspect AGSs and manual transmission assemblies equipped with suspect AGSs.

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 component is a correctly manufactured AGS or a manual transmission assembly manufactured with a correctly manufactured AGS.

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



**Recall Schedule :**

Description of Recall Schedule : \*\*09/18/2023: FCA US will notify dealers and begin notifying owners on or about 11/07/2023.

Planned Dealer Notification Date : NOV 07, 2023 - NOV 07, 2023

Planned Owner Notification Date : NOV 07, 2023 - NOV 07, 2023

**Purchaser Information :**

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name : NR

Address : NR

NR

Country : NR

Company Phone : NR

\* NR - Not Reported