

Part 573 Safety Recall Report

23E-092

Manufacturer Name : Chrysler (FCA US, LLC)

Submission Date : NOV 28, 2023

NHTSA Recall No. : 23E-092

Manufacturer Recall No. : B3A



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 : 1,240

Estimated percentage with defect : 100 %

Equipment Information :

Brand / Trade 1 : Mopar

Model : Steering Column Control Module

Part No. : 68508697AB

Size : NR

Function : NR

Descriptive Information : Some steering column control modules ("SCCMs") may have been built with a turn signal self-canceling anti-jam component out of specification or an internal short circuit on the SCCM printed circuit board ("PCB").

The suspect part population includes SCCMs built November 1, 2022, through May 8, 2023, and was determined using supplier production records.

Similar SCCMs not included in the recall population were manufactured after the suspect period.

The total affected parts for this part number is 243.

Production Dates : NOV 01, 2022 - MAY 08, 2023

Brand / Trade 2 : Mopar
Model : Steering Column Control Module
Part No. : 68508699AB
Size : NR
Function : NR

Descriptive Information : Some SCCMs may have been built with a turn signal self-canceling anti-jam component out of specification or an internal short circuit on the SCCM PCB.

The suspect part population includes SCCMs built November 1, 2022, through May 8, 2023, and was determined using supplier production records.

Similar SCCMs not included in the recall population were manufactured after the suspect period.

The total affected parts for this part number is 14.

Production Dates : NOV 01, 2022 - MAY 08, 2023

Brand / Trade 3 : Mopar
Model : Steering Column Control Module
Part No. : 68508700AB
Size : NR
Function : NR

Descriptive Information : Some SCCMs may have been built with a turn signal self-canceling anti-jam component out of specification or an internal short circuit on the SCCM PCB.

The suspect part population includes SCCMs built November 1, 2022, through May 8, 2023, and was determined using supplier production records.

Similar SCCMs not included in the recall population were manufactured after the suspect period.

The total affected parts for this part number is 3.

Production Dates : NOV 01, 2022 - MAY 08, 2023

Brand / Trade 4 : Mopar
Model : Steering Column Control Module
Part No. : 68508701AF
Size : NR
Function : NR

Descriptive Information : Some SCCMs may have been built with a turn signal self-canceling anti-jam component out of specification or an internal short circuit on the SCCM PCB.

The suspect part population includes SCCMs built November 1, 2022, through May 8, 2023, and was determined using supplier production records.

Similar SCCMs not included in the recall population were manufactured after the suspect period.

The total affected parts for this part number is 617.

Production Dates : NOV 01, 2022 - MAY 08, 2023

Brand / Trade 5 : Mopar
Model : Steering Column Control Module
Part No. : 68508702AF
Size : NR
Function : NR

Descriptive Information : Some SCCMs may have been built with a turn signal self-canceling anti-jam component out of specification or an internal short circuit on the SCCM PCB.

The suspect part population includes SCCMs built November 1, 2022, through May 8, 2023, and was determined using supplier production records.

Similar SCCMs not included in the recall population were manufactured after the suspect period.

The total affected parts for this part number is 72.

Production Dates : NOV 01, 2022 - MAY 08, 2023

Brand / Trade 6 : Mopar
Model : Steering Column Control Module
Part No. : 68508704AF
Size : NR
Function : NR

Descriptive Information : Some SCCMs may have been built with a turn signal self-canceling anti-jam component out of specification or an internal short circuit on the SCCM PCB.

The suspect part population includes SCCMs built November 1, 2022, through May 8, 2023, and was determined using supplier production records.

Similar SCCMs not included in the recall population were manufactured after the suspect period.

The total affected parts for this part number is 290.

Production Dates : NOV 01, 2022 - MAY 08, 2023

Brand / Trade 7 : Mopar
Model : Steering Column Control Module
Part No. : 68508698AB
Size : NR
Function : NR

Descriptive Information : Some SCCMs may have been built with a turn signal self-canceling anti-jam component out of specification or an internal short circuit on the SCCM PCB.

The suspect part population includes SCCMs built November 1, 2022, through May 8, 2023, and was determined using supplier production records.

Similar SCCMs not included in the recall population were manufactured after the suspect period.

The total affected parts for this part number is 1.

Production Dates : NOV 01, 2022 - MAY 08, 2023

Description of Noncompliance :

Description of the Noncompliance : Federal Motor Vehicle Safety Standard ("FMVSS") 571.108.9.1.1 requires that "The turn signal operating unit must be self-canceling by steering wheel rotation and capable of cancellation by a manually operated control." The suspect SCCMs, when installed in a vehicle, may not allow the self-canceling feature to function correctly.

FMVSS 571.108.6.1.5 requires that "only those light sources intended for meeting lower beam photometrics are energized when the beam selector switch is in the lower beam position, and that only those light sources intended for meeting upper beam photometrics are energized when the beam selector switch is in the upper beam position." The suspect SCCMs, when installed in a vehicle, may cause the high beams to activate when using the turn signal, or the turn signal to activate when using the high beams.

FMVSS 1 : 108 - Lamps, reflective devices, and assoc. Equipment

FMVSS 2 : NR

Description of the Safety Risk : A turn signal which remains active after a completed turn may cause surrounding drivers to misunderstand the intent to change vehicle direction. High beam activation when the turn signal switch is activated may result in reduced visibility of oncoming drivers. Either of these conditions may cause a vehicle crash without prior warning.

Description of the Cause : NR

Identification of Any Warning that can Occur : None

Involved Components :

Component Name : Control Module

Component Description : Steering Column

Component Part Number : 68508697AB / 68508698AB / 68508699AB / 68508700AB / 68508701AF / 68508702AF / 68508704AF

Supplier Identification :

Component Manufacturer

Name : Merit Automotive Electronics Systems SLU

Address : Avinguda de Torrelles 11/13

Barcelona Foreign States 08620

Country : Spain

Chronology :

- On May 4, 2023, the FCA US LLC ("FCA US") Technical Safety and Regulatory Compliance ("TSRC") organization was notified of a potential issue related to malfunctioning SCCMs on some 2023-2024 MY Ram Heavy Duty and Ram 1500 Classic vehicles.
- From May 2023, through October 2023, FCA US TSRC conducted an analysis of SCCM failure patterns and vehicle history and determined that the affected vehicles may have been built with SCCMs which may not function as intended.
- On October 18, 2023, the FCA US TSRC organization recognized a vehicle build issue existed on certain vehicles related to a condition that can lead to failure of turn signal self-canceling or turn signal activation when high beam requested or vice versa, potentially resulting in a noncompliance with FMVSS No. 108.
- On November 21, 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 replace or repurchase the SCCMs.

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 SCCM with a conforming anti-jam component and revised PCB layout.

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

Recall Schedule :

Description of Recall Schedule : **11/28/2023: FCA US will notify dealers and begin notifying owners on or about 01/17/2024.

Planned Dealer Notification Date : JAN 17, 2024 - JAN 17, 2024

Planned Owner Notification Date : JAN 17, 2024 - JAN 17, 2024

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