

Part 573 Safety Recall Report

22E-017

Manufacturer Name : Chrysler (FCA US, LLC)

Submission Date : APR 14, 2022

NHTSA Recall No. : 22E-017

Manufacturer Recall No. : Z25



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 : 1,451

Estimated percentage with defect : 100 %

Equipment Information :

Brand / Trade 1 : Mopar

Model : Antilock Brake System ("ABS") Control Module

Part No. : 68453770AB

Size : NR

Function : NR

Descriptive Information : Some antilock brake system ("ABS") control modules may have been manufactured with software that prevents the electronic stability control ("ESC") telltale lamp from properly illuminating under certain conditions.

Supplier shipment information and sales records were used to identify the ABS control modules with suspect software which were manufactured on February 15, 2019.

Similar ABS control modules not included in this recall did not contain a suspect software version or were manufactured outside of the suspect period.

The total affected parts for this part number is 6.

Production Dates : FEB 15, 2019 - FEB 15, 2019

Brand / Trade 2 : Mopar
Model : ABS Control Module
Part No. : 68453770AC
Size : NR
Function : NR

Descriptive Information : Some ABS control modules may have been manufactured with software that prevents the ESC telltale lamp from properly illuminating under certain conditions.

Supplier shipment information and sales records were used to identify the ABS control modules with suspect software which were manufactured from June 7, 2019, through October 23, 2020.

Similar ABS control modules not included in this recall did not contain a suspect software version or were manufactured outside of the suspect period.

The total affected parts for this part number is 380.

Production Dates : JUN 07, 2019 - OCT 23, 2020

Brand / Trade 3 : Mopar
Model : ABS Control Module
Part No. : 68453770AD
Size : NR
Function : NR

Descriptive Information : Some ABS control modules may have been manufactured with software that prevents the ESC telltale lamp from properly illuminating under certain conditions.

Supplier shipment information and sales records were used to identify the ABS control modules with suspect software which were manufactured from March 19, 2021, through March 3, 2022.

Similar ABS control modules not included in this recall did not contain a suspect software version or were manufactured outside of the suspect period.

The total affected parts for this part number is 264.

Production Dates : MAR 19, 2021 - MAR 03, 2022

Brand / Trade 4 : Mopar
Model : ABS Control Module
Part No. : 68477878AB
Size : NR
Function : NR

Descriptive Information : Some ABS control modules may have been manufactured with software that prevents the ESC telltale lamp from properly illuminating under certain conditions.

Supplier shipment information and sales records were used to identify the ABS control modules with suspect software which were manufactured from August 28, 2019, through August 13, 2020.

Similar ABS control modules not included in this recall did not contain a suspect software version or were manufactured outside of the suspect period.

The total affected parts for this part number is 67.

Production Dates : AUG 28, 2019 - AUG 13, 2020

Brand / Trade 5 : Mopar
Model : ABS Control Module
Part No. : 68477878AC
Size : NR
Function : NR

Descriptive Information : Some ABS control modules may have been manufactured with software that prevents the ESC telltale lamp from properly illuminating under certain conditions.

Supplier shipment information and sales records were used to identify the ABS control modules with suspect software which were manufactured from September 23, 2020, through September 9, 2021.

Similar ABS control modules not included in this recall did not contain a suspect software version or were manufactured outside of the suspect period.

The total affected parts for this part number is 346.

Production Dates : SEP 23, 2020 - SEP 09, 2021

Brand / Trade 6 : Mopar
Model : ABS Control Module
Part No. : 68477878AD
Size : NR
Function : NR

Descriptive Information : Some ABS control modules may have been manufactured with software that prevents the ESC telltale lamp from properly illuminating under certain conditions.

Supplier shipment information and sales records were used to identify the ABS control modules with suspect software which were manufactured from October 28, 2021, through March 3, 2022.

Similar ABS control modules not included in this recall did not contain a suspect software version or were manufactured outside of the suspect period.

The total affected parts for this part number is 229.

Production Dates : OCT 28, 2021 - MAR 03, 2022

Brand / Trade 7 : Mopar
Model : ABS Control Module
Part No. : 68563815AB
Size : NR
Function : NR

Descriptive Information : Some ABS control modules may have been manufactured with software that prevents the ESC telltale lamp from properly illuminating under certain conditions.

Supplier shipment information and sales records were used to identify the ABS control modules with suspect software which were manufactured from December 23, 2021, through March 3, 2022.

Similar ABS control modules not included in this recall did not contain a suspect software version or were manufactured outside of the suspect period.

The total affected parts for this part number is 29.

Production Dates : DEC 23, 2021 - MAR 03, 2022

Brand / Trade 8 : Mopar
Model : ABS Control Module
Part No. : 68526616AB
Size : NR
Function : NR

Descriptive Information : Some ABS control modules may have been manufactured with software that prevents the ESC telltale lamp from properly illuminating under certain conditions.

Supplier shipment information and sales records were used to identify the ABS control modules with suspect software which were manufactured on June 3, 2021.

Similar ABS control modules not included in this recall did not contain a suspect software version or were manufactured outside of the suspect period.

The total affected parts for this part number is 3.

Production Dates : JUN 03, 2021 - JUN 03, 2021

Brand / Trade 9 : Mopar
Model : ABS Control Module
Part No. : 68526242AD
Size : NR
Function : NR

Descriptive Information : Some ABS control modules may have been manufactured with software that prevents the ESC telltale lamp from properly illuminating under certain conditions.

Supplier shipment information and sales records were used to identify the ABS control modules with suspect software which were manufactured from January 21, 2021, through March 3, 2022.

Similar ABS control modules not included in this recall did not contain a suspect software version or were manufactured outside of the suspect period.

The total affected parts for this part number is 127.

Production Dates : JAN 21, 2021 - MAR 03, 2022

Description of Noncompliance :

Description of the Noncompliance : Federal Motor Vehicle Safety Standard ("FMVSS") 571.126 S5.3 ESC Malfunction requires that "The vehicle must be equipped with a telltale that provides a warning to the driver of the occurrence of one or more malfunctions that affect the generation or transmission of control or response signals in the vehicle's electronic stability control system." Suspect parts may not display the ESC malfunction indicator lamp under certain malfunction conditions that affect the generation or transmission of control or response signals in the vehicle's electronic stability control system, leaving the driver unaware of degraded ESC system performance that is not limiting engine torque during an ESC event.

FMVSS 1 : 126 - Electronic stability control systems

FMVSS 2 : NR

Description of the Safety Risk : Unexpected performance of the ESC system with no warning to the driver can cause a vehicle crash without prior warning.

Description of the Cause : NR

Identification of Any Warning that can Occur : None

Involved Components :

Component Name : Antilock Brake System Control Module

Component Description : Module, Antilock Brake System Control

Component Part Number : 68453770AB

Component Name : Antilock Brake System Control Module

Component Description : Module, Antilock Brake System Control

Component Part Number : 68453770AC

Component Name : Antilock Brake System Control Module

Component Description : Module, Antilock Brake System Control

Component Part Number : 68453770AD

Component Name : Antilock Brake System Control Module

Component Description : Module, Antilock Brake System Control

Component Part Number : 68477878AB

Component Name : Antilock Brake System Control Module

Component Description : Module, Antilock Brake System Control

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Component Name : Antilock Brake System Control Module

Component Description : Module, Antilock Brake System Control

Component Part Number : 68477878AD

Component Name : Antilock Brake System Control Module

Component Description : Module, Antilock Brake System Control

Component Part Number : 68563815AB

Component Name : Antilock Brake System Control Module

Component Description : Module, Antilock Brake System Control

Component Part Number : 68526616AB

Component Name : Antilock Brake System Control Module

Component Description : Module, Antilock Brake System Control

Component Part Number : 68526242AD

Supplier Identification :

Component Manufacturer

Name : ZF Group

Address : 12001 Tech Center Drive
Livonia Michigan 48150

Country : United States

Chronology :

- On November 15, 2021, during an unrelated FCA US LLC ("FCA US") engineering vehicle test, it was noticed when a certain diagnostic trouble code became active, the ESC malfunction indicator lamp was not illuminated.
- On December 9, 2021, supplier testing verified the issue on some 2021-2022 MY Dodge Durango vehicles and 2019-2022 MY Ram 2500/3500 trucks.
- On January 3, 2022, the FCA US Technical Safety and Regulatory Compliance ("TSRC") organization opened a safety investigation based on engineering testing that the ESC malfunction indicator lamp may not illuminate.
- From January 2022, through February 2022, FCA US TSRC reviewed vehicle records and met with FCA US engineering to review the issue and understand the part design and change history.
- On February 23, 2022, the FCA US TSRC organization recognized that the ESC system malfunction indicator lamp may not illuminate under certain conditions when the ESC system experienced a fault, potentially not in compliance with FMVSS No. 126.
- On March 03, 2022, 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 update the software, repurchase, or replace suspect ABS control modules.

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 is updated ABS control module software that will meet FMVSS 126 ESC Malfunction requirements.

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

Recall Schedule :

Description of Recall Schedule : **03/10/2022: FCA US will notify dealers and begin notifying owners on or about 04/29/2022.

Planned Dealer Notification Date : APR 29, 2022 - APR 29, 2022

Planned Owner Notification Date : APR 29, 2022 - APR 29, 2022

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