The information contained in this report was submitted pursuant to 49 CFR §573

Part 573 Safety Recall Report

Manufacturer Name :	Chrysler (FCA US, LLC)
Submission Date :	MAR 10, 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

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



22E-017

Population:

Number of potentially involved : 1,451 Estimated percentage with defect : 100 %

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.

Brand / Trade 4:	Monar
	ABS Control Module
	68477878AB
Size :	
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
	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 6:	Mopar
	ABS Control Module
	68563815AB
Size :	
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 7 :	Mopar
	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 8:	Mopar
	ABS Control Module
	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

22E-017

Description of 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

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22E-017

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Component Part Number :	68477878AC	
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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 GroupAddress :12001 Tech Center DriveLivonia Michigan 48150

Country: United States

Chronology :

• On February 23, 2022, FCA US LLC ("FCA US") Technical Safety and Regulatory Compliance ("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.
	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, 2022Planned 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:

Page 9

Name : NR Address : NR NR Country : NR Company Phone : NR

* NR - Not Reported