

Part 573 Safety Recall Report

22V-504

Manufacturer Name : Chrysler (FCA US, LLC)**Submission Date :** JUL 14, 2022**NHTSA Recall No. :** 22V-504**Manufacturer Recall No. :** Z68**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 :** 52,340**Estimated percentage with defect :** 5 %**Vehicle Information :****Vehicle 1 :** 2022-2022 Dodge Challenger**Vehicle Type :****Body Style :** 2-DOOR**Power Train :** NR

Descriptive Information : Some 2022 MY Dodge Challenger vehicles may have been built with a tire pressure monitor system ("TPMS") sensor that prematurely discharges its battery, making the TPMS sensor inoperative.

The suspect period began on August 23, 2021, when the first saleable 2022 MY vehicles were produced, and ended on June 10, 2022, when the suspect TPMS sensors were no longer used in production. The suspect period was determined using supplier and vehicle production records.

Similar vehicles not included in the recall were built after the suspect period, or were manufactured with TPMS sensors verified to not prematurely discharge their batteries.

The total affected vehicles for this model is 19,345.

Production Dates : AUG 23, 2021 - JUN 10, 2022**VIN Range 1 : Begin :**

NR

End : NR Not sequential

Vehicle 2 : 2022-2022 Dodge Charger

Vehicle Type :

Body Style : 4-DOOR

Power Train : NR

Descriptive Information : Some 2022 MY Dodge Charger vehicles may have been built with a TPMS sensor that prematurely discharges its battery, making the TPMS sensor inoperative.

The suspect period began on August 23, 2021, when the first saleable 2022 MY vehicles were produced, and ended on June 7, 2022, when the suspect TPMS sensors were no longer used in production. The suspect period was determined using supplier and vehicle production records.

Similar vehicles not included in the recall were built after the suspect period, or were manufactured with TPMS sensors verified to not prematurely discharge their batteries.

The total affected vehicles for this model is 27,337.

Production Dates : AUG 23, 2021 - JUN 07, 2022

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 3 : 2022-2022 Chrysler 300

Vehicle Type :

Body Style : 4-DOOR

Power Train : NR

Descriptive Information : Some 2022 MY Chrysler 300 vehicles may have been built with a TPMS sensor that prematurely discharges its battery, making the TPMS sensor inoperative.

The suspect period began on September 7, 2021, when the first saleable 2022 MY vehicles were produced, and ended on June 9, 2022, when the suspect TPMS sensors were no longer used in production. The suspect period was determined using supplier and vehicle production records.

Similar vehicles not included in the recall were built after the suspect period, or were manufactured with TPMS sensors verified to not prematurely discharge their batteries.

The total affected vehicles for this model is 5,658.

Production Dates : SEP 07, 2021 - JUN 09, 2022

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Noncompliance :

Description of the Noncompliance : Federal Motor Vehicle Safety Standard ("FMVSS") 571.138 states that "...each vehicle must be equipped with a tire pressure monitor system" that detects "when one or more of a vehicles tires is significantly under-inflated and illuminates a low tire pressure warning telltale." The tire pressure system in the suspect vehicles may not detect low tire pressure.

FMVSS 1 : 138 - Tire pressure monitoring systems

FMVSS 2 : NR

Description of the Safety Risk : If the TPMS light illuminates because the battery in the sensor prematurely discharges, it could mask an actual low tire pressure condition, possibly resulting in tire failure, which 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 1 : Tire Air Pressure Sensor

Component Description : Sensor - Tire Air Pressure

Component Part Number : 68487472AA

Supplier Identification :**Component Manufacturer**

Name : Huf Baolong Electronics NA Corp

Address : 13555 Bishops Court, Suite 320
Brookfield Wisconsin 53005

Country : United States

Chronology :

- On May 13, 2022, the FCA US LLC ("FCA US") Technical Safety and Regulatory Compliance ("TSRC") organization was notified of a potential issue related to TPMS sensors with a battery prematurely discharging in some 2022 MY Dodge Challenger, Dodge Charger and Chrysler 300 vehicles.

- From May 13, 2022, through June 21, 2022, FCA US TSRC met with FCA US engineering and supplier operations to review the issue, understand the part design and the failure mode, and determine the suspect population.
- On June 22, 2022, the FCA US TSRC organization recognized a vehicle build issue existed on certain vehicles related to the TPMS sensor battery life, potentially causing a noncompliance with FMVSS 138.
- On July 07, 2022, 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 inspect and replace the TPMS sensors as needed.

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 will be TPMS sensors that do not prematurely discharge.

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

Recall Schedule :

Description of Recall Schedule : **07/14/2022: FCA US will notify dealers and begin notifying owners on or about 09/02/2022.

Planned Dealer Notification Date : SEP 02, 2022 - SEP 02, 2022

Planned Owner Notification Date : SEP 02, 2022 - SEP 02, 2022

* NR - Not Reported