

Part 573 Safety Recall Report

22V-808

Manufacturer Name : Chrysler (FCA US, LLC)**Submission Date :** OCT 27, 2022**NHTSA Recall No. :** 22V-808**Manufacturer Recall No. :** ZB5**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 : 44,212

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 January 25, 2022, when containment inspection began, and ended on August 11, 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 previously recalled under 22V-504 or built with TPMS sensors manufactured with updated software.

The total affected vehicles for this model is 15,718.

Production Dates : JAN 25, 2022 - AUG 11, 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 January 25, 2022, when containment inspection began, and ended on August 16, 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 previously recalled under 22V-504 or built with TPMS sensors manufactured with updated software.

The total affected vehicles for this model is 24,113.

Production Dates : JAN 25, 2022 - AUG 16, 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 January 27, 2022, when containment inspection began, and ended on August 11, 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 previously recalled under 22V-504 or built with TPMS sensors manufactured with updated software.

The total affected vehicles for this model is 4,381.

Production Dates : JAN 27, 2022 - AUG 11, 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 North America Co

Address : 13555 Bishops Court, Suite 320
Brookfield Wisconsin 53005

Country : United States

Chronology :

- 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 7, 2022, FCA US determined, through the Vehicle Regulations Committee, to conduct a voluntary

safety recall on the affected vehicles built without part inspection.

- From July through October 2022, FCA US monitored field performance of vehicles built with inspected TPMS sensors. During that time, six failed TPMS sensors from vehicles that were previously inspected, were returned and confirmed to have discharged batteries.
- On October 20, 2022, FCA US determined, through the Vehicle Regulations Committee, to conduct a voluntary safety recall of the affected vehicles which were inspected prior to release.

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 : **10/27/2022: FCA US will notify dealers and begin notifying owners on or about 12/16/2022.

Planned Dealer Notification Date : DEC 16, 2022 - DEC 16, 2022

Planned Owner Notification Date : DEC 16, 2022 - DEC 16, 2022

* NR - Not Reported