

Part 573 Safety Recall Report

19V-757

Manufacturer Name : Chrysler (FCA US LLC)

Submission Date : JUN 11, 2020

NHTSA Recall No. : 19V-757

Manufacturer Recall No. : VB1



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 : 107,980

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2014-2019 Ram 1500/1500 Classic Pickup

Vehicle Type :

Body Style : PICKUP TRUCK

Power Train : NR

Descriptive Information : Some 2014-2019MY Ram 1500/1500 Classic ("Ram 1500") vehicles equipped with the 3.0L Eco Diesel engine, may have been built with Exhaust Gas Recirculation ("EGR") coolers that are susceptible to thermal fatigue. Thermal fatigue may cause the cooler to crack internally over time.

The suspect period began on June 12, 2013, when RAM 1500 3.0L Eco Diesel production with the suspect EGR coolers started, and was concluded on October 23, 2019, when production of Ram 1500/1500 Classic vehicles with 3.0L Eco Diesel engines built with the suspect EGR coolers ended. Engine assembly plant records were used to identify which vehicles received suspect EGR coolers.

Similar vehicles not included in this recall were not equipped with 3.0L Eco Diesel engines built during the suspect period.

Production Dates : JUN 12, 2013 -OCT 23, 2019

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : Thermal fatigue may cause the cooler to crack internally over time. An EGR cooler with an internal crack will introduce pre-heated, vaporized coolant to the EGR system while the engine is running. In certain circumstances, this mixture interacts with other hydrocarbons and air in the system, potentially resulting in combustion within the intake manifold, which may lead to a vehicle fire.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A vehicle fire may increase the risk of injury to occupants and persons outside of the vehicle, as well as property damage.

Description of the Cause : NR

Identification of Any Warning that can Occur : The driver may notice unidentifiable loss of coolant, lack of heater function, and potentially a Malfunction Indicator Lamp.

Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : Modine Europe GmbH

Address : Arthur-B.-Modine-Straße 1
Filderstadt FOREIGN STATES 70794

Country : Germany

Chronology :

Please see the attached supplemental information titled "FCA US LLC Chronology - VB1 Ram 1500 Eco Diesel Engine Compartment - 10242019.pdf".

Description of Remedy :

Description of Remedy Program : FCA US will conduct a voluntary safety recall on all affected vehicles to replace the EGR cooler with a new EGR cooler (part number 68483334AA) that is not susceptible to thermal fatigue. In the event the intake manifold is damaged, the intake manifold will be replaced.

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 :

Part Name: EGR Cooler Kit

Part Description: EGR cooler, bypass, EGR temp sensor, valve, vacuum actuator assembly

Part Number: 68445601AA, 68239570AA, 68239570AB, 68239570AC

Part Comment: The remedy component (part number 68483334AA) is an improved EGR cooler.

Identify How/When Recall Condition was Corrected in Production :

NR

Recall Schedule :

Description of Recall Schedule : **06/11/2020: Phase 3 mailing for 2017-2019 MY vehicles will occur on or about July 9, 2020.

**04/21/2020: This will be a phased final mailing campaign with the below phases: Phase 2 - 2016 MY (on or about May 28, 2020); Phase 3 - 2017-2019 MY (on or about June 18, 2020).

**04/02/2020: This will be a phased final mailing campaign with the below phases: Phase 1 - 2014-2015 MY (on or about April 16, 2020); Phase 2 - 2016 MY (on or about May 7, 2020); Phase 3 - 2017-2019 MY (on or about May 28, 2020).

**01/08/2020: FCA US will publish dealer instructions and begin notifying owners with final owner notification on or about 04/09/2020.

**10/24/2019: FCA US will notify dealers and begin notifying owners on or about 12/13/2019.

Planned Dealer Notification Date : DEC 13, 2019 - DEC 13, 2019

Planned Owner Notification Date : DEC 13, 2019 - DEC 13, 2019

* NR - Not Reported