

# Part 573 Safety Recall Report

# 17V-670

**Manufacturer Name :** Chrysler (FCA US LLC)**Submission Date :** OCT 24, 2017**NHTSA Recall No. :** 17V-670**Manufacturer Recall No. :** T65**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 : 357

Estimated percentage with defect : 1 %

**Vehicle Information :**

Vehicle 1 : 2018-2018 Jeep Cherokee

Vehicle Type :

Body Style : SUV

Power Train : NR

**Descriptive Information :** Certain 2018 MY Jeep Cherokee vehicles equipped with a 2.4L engine built with suspect Oil Pumps/Balance Shaft Modules ("BSM") are affected. The suspect period was established as June 5, 2015, when the trim tooling was set up to run housings from die-casting cavity #8, through February 28, 2016, when the supplier finished trimming all castings from die-casting cavity #8. The suspect period was identified by the cavity number of the housing casting that is suspect (#8) and the traceability number of BSM's with housings from the suspect period to these vehicles. Similar vehicles not affected by this recall were built with a 2.4L engine which did not contain a suspect BSM from cavity #8.

Production Dates : SEP 09, 2017 - SEP 28, 2017

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2018-2018 Jeep Compass

Vehicle Type :

Body Style : SUV

Power Train : NR

**Descriptive Information :** There is one 2018 MY Jeep Compass vehicle equipped with a 2.4L engine built with a suspect Oil Pump/Balance Shaft Module ("BSM") that is affected. The suspect period was established as June 5, 2015, when the trim tooling was set up to run housings from die-casting cavity #8, through February 28, 2016, when the supplier finished trimming all castings from die-casting cavity #8. The suspect period was identified by the cavity number of the housing casting that is suspect (#8) and the traceability number of BSM's with housings from the suspect period to this vehicle. Similar vehicles not affected by this recall were built with a 2.4L engine which did not contain a suspect BSM from cavity #8.

Production Dates : SEP 11, 2017 - SEP 11, 2017

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Some 2018 MY Jeep Cherokee and Jeep Compass vehicles equipped with a 2.4L engine may have been built with a cracked oil pump housing. The crack may propagate through the housing and cause the oil pump to fail.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the oil pump fails, it may cause the engine to stall. An engine stall could result in a vehicle crash without prior warning.

Description of the Cause : NR

Identification of Any Warning that can Occur : No consistent warning will proceed or occur but the engine may run non-optimally prior to a loss of motive power.

**Supplier Identification :****Component Manufacturer**

Name : Metaldyne BSM LLC

Address : 307 S Tillotson St  
Fremont INDIANA 46737

Country : United States

**Chronology :**

- On September 13, 2017, FCA US LLC ("FCA US") was alerted by the oil pump supplier that, on September 5, 2017, a crack was found in an oil pump housing (specifically, in the oil pump gerotor wall) while assembling oil pumps with housings from die-casting cavity #8.
- On September 15, 2017, the FCA US Vehicle Safety and Regulatory Compliance organization opened an investigation as a result of a Product Related Issue at Toluca Assembly Plant ("TAP") and Belvedere Assembly Plant ("BVAP").
- On October 5, 2017, suspect vehicles were confirmed by FCA US Supplier Quality, the FCA US Dundee Engine Plant ("DEP"), the Saltillo North Engine Plant ("SNEP"), TAP and BVAP based on in-process material inspections and oil pump traceability data.
- As of October 13, 2017, FCA US has not identified any CAIRs, VOQs or field reports potentially related to this issue.

- As of October 13, 2017, total warranty is zero.
- As of October 13, 2017, FCA US is not aware of any accidents or injuries potentially related to this issue.
- On October 17, 2017, 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 the oil pump for the manufacturing die cavity markings and replace the BSM if it was cast in die-cavity #8.

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: Balance Shaft Module Assembly  
Part Description: Balance Shaft Module Assembly  
Part Number: 05047992AC  
Comment: The oil pump housing gerotor wall in the balance shaft module is the part that could be cracked.

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

## Recall Schedule :

Description of Recall Schedule : \*\* 10/24/2017: FCA US will notify dealers and begin notifying owners on or about 12/13/2017.  
Planned Dealer Notification Date : DEC 13, 2017 - DEC 13, 2017  
Planned Owner Notification Date : DEC 13, 2017 - DEC 13, 2017

\* NR - Not Reported