

Part 573 Safety Recall Report

18V-280

Manufacturer Name : Chrysler (FCA US LLC)**Submission Date :** MAY 01, 2018**NHTSA Recall No. :** 18V-280**Manufacturer Recall No. :** U43**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 : 71

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2018-2018 Dodge Charger

Vehicle Type :

Body Style : 4-DOOR

Power Train : NR

Descriptive Information : Some 2018 MY Dodge Charger vehicles built from February 10, 2018, through March 28, 2018 equipped with 845RE transmissions were built with an incorrect park lock rod which may result in a loss of the ability to achieve PARK. Vehicles built with an incorrect park lock rod may result in a loss of the ability to achieve PARK which may allow the vehicle to unintentionally move and cause injury to vehicle occupants and/or persons outside the vehicle.

The vehicle population was determined from the park lock rod traceability. Park lock rods are traceable to the transmission serial number and ultimately to the vehicle identification number ("VIN") once the transmission is assembled into a vehicle.

Similar vehicles not included in this recall have an 845RE transmission built with a correct park lock rod.

Production Dates : FEB 10, 2018 - MAR 28, 2018

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2018-2018 Dodge Durango

Vehicle Type :

Body Style : SUV

Power Train : NR

Descriptive Information : Some 2018 MY Dodge Durango vehicles built from March 26, 2018, through March 26, 2018 equipped with 850RE transmissions were built with an incorrect park lock rod which may result in a loss of the ability to achieve PARK. Vehicles built with an incorrect park lock rod may result in a loss of the ability to achieve PARK which may allow the vehicle to unintentionally move and cause injury to vehicle occupants and/or persons outside the vehicle.

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The vehicle population was determined from the park lock rod traceability. Park lock rods are traceable to the transmission serial number and ultimately to the vehicle identification number ("VIN") once the transmission is assembled into a vehicle.

Similar vehicles not included in this recall have an 850RE transmission built with a correct park lock rod.

Production Dates : MAR 26, 2018 - MAR 26, 2018

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 3 : 2018-2018 Jeep Grand Cherokee

Vehicle Type :

Body Style : SUV

Power Train : NR

Descriptive Information : Some 2018 MY Jeep Grand Cherokee vehicles built from February 13, 2018, through April 5, 2018 equipped with 850RE transmissions were built with an incorrect park lock rod which may result in a loss of the ability to achieve PARK. Vehicles built with an incorrect park lock rod may result in a loss of the ability to achieve PARK which may allow the vehicle to unintentionally move and cause injury to vehicle occupants and/or persons outside the vehicle.

The vehicle population was determined from the park lock rod traceability. Park lock rods are traceable to the transmission serial number and ultimately to the vehicle identification number ("VIN") once the transmission is assembled into a vehicle.

Similar vehicles not included in this recall have an 850RE transmission built with a correct park lock rod.

Production Dates : FEB 13, 2018 - APR 05, 2018

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 4 : 2018-2018 Dodge Challenger

Vehicle Type :

Body Style : 2-DOOR

Power Train : NR

Descriptive Information : Some 2018 MY Dodge Challenger vehicles built from February 10, 2018, through March 29, 2018 equipped with 845RE transmissions were built with an incorrect park lock rod which may result in a loss of the ability to achieve PARK. Vehicles built with an incorrect park lock rod may result in a loss of the ability to achieve PARK which may allow the vehicle to unintentionally move and cause injury to vehicle occupants and/or persons outside the vehicle.

The vehicle population was determined from the park lock rod traceability. Park lock rods are traceable to the transmission serial number and ultimately to the vehicle identification number ("VIN") once the transmission is assembled into a vehicle.

Similar vehicles not included in this recall have an 845RE transmission built with a

correct park lock rod.

Production Dates : FEB 10, 2018 - MAR 29, 2018

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 5 : 2018-2018 Chrysler 300

Vehicle Type :

Body Style : 4-DOOR

Power Train : NR

Descriptive Information : Some 2018 MY Chrysler 300 vehicles built from February 10, 2018, through April 6, 2018 equipped with 845RE transmissions were built with an incorrect park lock rod which may result in a loss of the ability to achieve PARK. Vehicles built with an incorrect park lock rod may result in a loss of the ability to achieve PARK which may allow the vehicle to unintentionally move and cause injury to vehicle occupants and/or persons outside the vehicle.

The vehicle population was determined from the park lock rod traceability. Park lock rods are traceable to the transmission serial number and ultimately to the vehicle identification number ("VIN") once the transmission is assembled into a vehicle.

Similar vehicles not included in this recall have an 845RE transmission built with a correct park lock rod.

Production Dates : FEB 10, 2018 - APR 06, 2018

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 6 : 2018-2018 Ram 1500 Pickup

Vehicle Type :

Body Style : PICKUP TRUCK

Power Train : NR

Descriptive Information : Some 2018 MY Ram 1500 vehicles built from February 28, 2018, through March 27, 2018 equipped with 845RE transmissions were built with an incorrect park lock rod which may result in a loss of the ability to achieve PARK. Vehicles built with an incorrect park lock rod may result in a loss of the ability to achieve PARK which may allow the vehicle to unintentionally move and cause injury to vehicle occupants and/or persons outside the vehicle.

The vehicle population was determined from the park lock rod traceability. Park lock rods are traceable to the transmission serial number and ultimately to the vehicle identification number ("VIN") once the transmission is assembled into a vehicle.

Similar vehicles not included in this recall have an 845RE transmission built with a correct park lock rod.

Production Dates : FEB 28, 2018 - MAR 27, 2018

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 7 : 2018-2018 Jeep Wrangler

Vehicle Type :

Body Style : 4-DOOR

Power Train : NR

Descriptive Information : Some 2018 MY Jeep Wrangler vehicles built from February 27, 2018, through April 4, 2018 equipped with 850RE transmissions were built with an incorrect park lock rod which may result in a loss of the ability to achieve PARK. Vehicles built with an incorrect park lock rod may result in a loss of the ability to achieve PARK which may allow the vehicle to unintentionally move and cause injury to vehicle occupants and/or persons outside the vehicle.

The vehicle population was determined from the park lock rod traceability. Park lock rods are traceable to the transmission serial number and ultimately to the vehicle identification number ("VIN") once the transmission is assembled into a vehicle.

Similar vehicles not included in this recall have an 850RE transmission built with a correct park lock rod.

Production Dates : FEB 27, 2018 - APR 04, 2018

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : Two different park lock rods are used in 8-speed transmissions, one for cars and one for sport utility vehicles ("SUV") and trucks. The rods differ in geometry by 7.3mm and have different engagement springs. The car and SUV/truck park lock rods are both installed at the FCA Kokomo Transmission Plant ("KTP") final assembly station. A process change allowed some transmissions to be built with incorrect park lock rods.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Vehicles built with an incorrect park lock rod may result in a loss of the ability to achieve PARK which could allow the vehicle to unintentionally move and can cause vehicle crash without prior warning.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country: NR

Chronology :

- During the week of January 15, 2018, an assembly line logic change in station number 24 at KTP was implemented which allowed the operator to scan the park lock rod for the next transmission as soon as the one in station moved forward.
- On April 6, 2018, an operator at KTP identified that the error/mistake proofing system was not rejecting the incorrect park rod based on the transmission model that was present in station.
- From April 6, 2018, through April 9, 2018, a review of traceability data recorded from park lock rod scan data from KTP station number 24, showed that transmissions were potentially built with an incorrect park lock rod beginning on February 3, 2018.
- On April 9, 2018, the FCA US Vehicle Safety and Regulatory Compliance (“VSRC”) organization opened an investigation of the issue based on information provided by KTP and the FCA quality and engineering teams.
- Between April 9, 2018, and April 17, 2018, meetings between FCA US VSRC and Transmission Engineering were conducted to better understand the park lock rod design. It was concluded that the park lock rod design differences between the car and SUV/truck could potentially inhibit the ability of the transmission to achieve or maintain PARK. The traceability data was used to generate the final list of 77 (71 U.S., 6 Canada) suspect vehicles needing repair due to this condition.
- As of April 20, 2018, FCA US LLC (“FCA US”) identified 0 CAIRs, 0 VOQs and 0 field reports related to this issue.
- As of April 20, 2018, total warranty is 0 c/1000.
- As of April 20, 2018, FCA US is unaware of any accidents or injuries potentially related to this issue.
- On April 25, 2018, 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 to replace the park lock rods in affected vehicles.

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: Park lock rod

Part Description: Park lock rod

Part Number: 52854593AB for the Dodge Challenger, Dodge Charger, and Chrysler 300 vehicles.

52854842AB for the Jeep Grand Cherokee, Dodge Durango, Jeep Wrangler and Ram 1500 vehicles.

Comment: There is a traceability stamping on the park lock rod to

distinguish the remedy components.

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

Recall Schedule :

Description of Recall Schedule : ** 05/01/2018: FCA US will notify dealers and begin notifying owners on or about June 20, 2018.

Planned Dealer Notification Date : JUN 20, 2018 - JUN 20, 2018

Planned Owner Notification Date : JUN 20, 2018 - JUN 20, 2018

* NR - Not Reported