

Part 573 Safety Recall Report

18V-213

Manufacturer Name : Ford Motor Company**Submission Date :** APR 04, 2018**NHTSA Recall No. :** 18V-213**Manufacturer Recall No. :** 18S09**Manufacturer Information :**

Manufacturer Name : Ford Motor Company

Address : 330 Town Center Drive

Suite 500 Dearborn MI 48126-2738

Company phone : 1-866-436-7332

Population :

Number of potentially involved : 142

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2017-2018 Ford F-150

Vehicle Type : LIGHT VEHICLES

Body Style : PICKUP TRUCK

Power Train : GAS

Descriptive Information : Affected vehicles are equipped with model 10R80 10-speed automatic transmissions that were assembled incorrectly. Ford reviewed manufacturing process records to determine the population of affected parts (the Ford process is capable of tracing suspect 10R80 transmission production to the vehicle in which it is installed).

These vehicles are not produced in VIN order. Information as to the applicability of this action to specific vehicles can best be obtained by either calling Ford's toll-free line (1-866-436-7332) or by contacting a local Ford or Lincoln dealer who can obtain specific information regarding the vehicles from the Ford On-line Automotive Service Information System (OASIS) database.

Production Dates : OCT 20, 2016 - MAR 05, 2018

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2018-2018 Ford Expedition

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Affected vehicles are equipped with model 10R80 10-speed automatic transmissions that were assembled incorrectly. Ford reviewed manufacturing process records to determine the population of affected parts (the Ford process is capable of tracing suspect 10R80 transmission production to the vehicle in which it is installed).

These vehicles are not produced in VIN order. Information as to the applicability of this action to specific vehicles can best be obtained by either calling Ford's toll-free line (1-866-436-7332) or by contacting a local Ford or Lincoln dealer who can obtain specific information regarding the vehicles from the Ford On-line Automotive Service

Information System (OASIS) database.

Production Dates : NOV 28, 2017 - FEB 14, 2018

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 3 : 2018-2018 Ford Mustang

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : Affected vehicles are equipped with model 10R80 10-speed automatic transmissions that were assembled incorrectly. Ford reviewed manufacturing process records to determine the population of affected parts (the Ford process is capable of tracing suspect 10R80 transmission production to the vehicle in which it is installed).

These vehicles are not produced in VIN order. Information as to the applicability of this action to specific vehicles can best be obtained by either calling Ford's toll-free line (1-866-436-7332) or by contacting a local Ford or Lincoln dealer who can obtain specific information regarding the vehicles from the Ford On-line Automotive Service Information System (OASIS) database.

Production Dates : NOV 06, 2017 - FEB 12, 2018

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 4 : 2018-2018 Lincoln Navigator

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Affected vehicles are equipped with model 10R80 10-speed automatic transmissions that were assembled incorrectly. Ford reviewed manufacturing process records to determine the population of affected parts (the Ford process is capable of tracing suspect 10R80 transmission production to the vehicle in which it is installed).

These vehicles are not produced in VIN order. Information as to the applicability of this action to specific vehicles can best be obtained by either calling Ford's toll-free line (1-866-436-7332) or by contacting a local Ford or Lincoln dealer who can obtain specific information regarding the vehicles from the Ford On-line Automotive Service Information System (OASIS) database.

Production Dates : DEC 13, 2017 - MAR 08, 2018

VIN Range 1 : Begin : NR End : NR

Not sequential

Description of Defect :

Description of the Defect : On some of the affected vehicles, a roll pin attaching the park pawl rod guide cup to the transmission case was not installed. If the pin is missing, with repeated use, the transmission may eventually lose Park function even when the shifter and instrument panel display (PRND, PRNDM, or PRNDS depending on vehicle model) indicate the vehicle is in Park.

This condition would allow the ignition key to be removed, with no instrument panel warning message or warning chime when the driver's door is opened indicating the vehicle is not secured in Park. If the parking brake is not applied, this could result in unintended vehicle movement.

Ford is not aware of any reports of accident or injury related to this condition.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the pin is missing, with repeated use, the transmission may eventually lose Park function even when the shifter and instrument panel display (PRND, PRNDM, or PRNDS depending on vehicle model) indicate the vehicle is in Park.

This condition would allow the ignition key to be removed, with no instrument panel warning message or warning chime when the driver's door is opened indicating the vehicle is not secured in Park. If the parking brake is not applied, this could result in unintended vehicle movement, increasing the risk of injury or crash.

Description of the Cause : A lack of robustness in the automated transmission assembly process allowed for the park pawl rod guide cup roll pin insertion process to be missed, and improper automated verification of the pin insertion process resulted in acceptance of transmissions without roll pins installed.

Identification of Any Warning that can Occur : None.

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

Chronology :

March 2018: An issue concerning a report of an F150 vehicle that rolled when the transmission was in the 'Park' position was brought to Ford's Critical Concern Review Group for review. Analysis of the affected vehicle's transmission found evidence that the roll pin that secures the park pawl rod guide cup to the transmission case may not have been installed during transmission assembly. The investigation determined that an incorrect machine setting allowed acceptance of a suspect transmission without first installing a roll pin.

On March 26, 2018, Ford's Field Review Committee reviewed the concern and approved a field action.

Description of Remedy :

Description of Remedy Program : Owners will be notified by mail and instructed to take their vehicle to a Ford or Lincoln dealer to have the transmission inspected for a missing park pawl rod guide cup roll pin. Dealers will install the roll pin if required. There will be no charge for this service. Customers and dealers will be instructed to make sure the parking brake is applied whenever the vehicle is parked prior to getting their vehicle repaired.

Ford is excluding reimbursement for costs because the original warranty program would provide for a free repair for this concern.

Ford will forward a copy of the notification letters to dealers to the agency when available.

How Remedy Component Differs from Recalled Component : The remedy consists of installing a missing park pawl rod guide cup roll pin.

Identify How/When Recall Condition was Corrected in Production : Manufacturing automation robustness actions that eliminate false verification of the roll pin insertion process were implemented on March 10, 2018.

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on April 5, 2018. Mailing of owner notification letters is expected to begin April 16, 2018 and is expected to be completed by April 20, 2018.

Planned Dealer Notification Date : APR 05, 2018 - APR 05, 2018

Planned Owner Notification Date : APR 16, 2018 - APR 20, 2018

* NR - Not Reported