

Part 573 Safety Recall Report

18V-471

Manufacturer Name : Ford Motor Company**Submission Date :** JUL 16, 2018**NHTSA Recall No. :** 18V-471**Manufacturer Recall No. :** 18S20**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 : 504,182

Estimated percentage with defect : NR

Vehicle Information :

Vehicle 1 : 2013-2014 Ford Escape

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : GAS

Descriptive Information : This condition affects certain Fusion and Escape vehicles built within the dates identified above and equipped with a 6F35 automatic transmission.

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 : MAY 15, 2013 - SEP 15, 2013

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2013-2014 Ford Fusion

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : GAS

Descriptive Information : This condition affects certain Fusion and Escape vehicles built within the dates identified above and equipped with a 6F35 automatic transmission.

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 : MAY 15, 2013 - SEP 15, 2013

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2014-2016 Ford Fusion
Vehicle Type : LIGHT VEHICLES
Body Style :
Power Train : GAS

Descriptive Information : This condition affects certain Fusion and Escape vehicles built within the dates identified above and equipped with a 6F35 automatic transmission.

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 : JUN 02, 2014 - AUG 31, 2015

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : On affected vehicles, the bushing that attaches the shifter cable to the 6F35 transmission may detach from the transmission.

A degraded shifter cable bushing that detaches from the transmission may allow the transmission to be in a gear state different than the gear shift position selected by the driver. The condition could allow the driver to move the shift lever to Park and remove the ignition key, while the transmission may not be in Park, with no warning message or audible chime.

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 parking brake is not applied, a degraded shifter cable bushing that detaches from the transmission could result in unintended vehicle movement, increasing the risk of injury or crash.

Description of the Cause : For Fusion and Escape vehicles built between May 15, 2013 and September 15, 2013, the supplier applied a lubricant to the bushing that attaches the shifter cable to the 6F35 transmission during the supplier component process that, over time, may cause the bushing to degrade.

For Fusion vehicles built between June 2, 2014 and August 31, 2015, a contaminant has been identified on bushings analyzed by Ford. This population is exhibiting an elevated rate of bushing degradation due to the source of this contamination.

Identification of Any Warning that can Occur : If the vehicle ignition is on, the instrument panel display position on the cluster will show the correct transmission gear state, which may not match the gear shift lever position selected by the driver. This can result in "shifter mismatch",

“shifter inoperative”, or “no start” symptoms.

Supplier Identification :

Component Manufacturer

Name : Hi-Lex

Address : 2911 Research Drive
Rochester Hills MICHIGAN 48309

Country : United States

Chronology :

January - February 2018: An issue regarding reports of unintended vehicle movement on certain Fusion vehicles relating to the shifter cable was brought into Ford’s Critical Concern Review Group on January 30 for review. Analysis of field data and analysis of concern parts from complaint vehicles was initiated.

March - April 2018: Analysis of complaint parts from certain vehicles found contamination and deterioration of the shift cable bushing from certain vehicles that attaches the cable to the transmission. CCRG requested analysis of other vehicle applications where the same shift cable bushing is used. This analysis found a higher than expected rate of reports on certain 2013-14 model year Escape vehicles. An assessment of Fusion shift control strategy was conducted to assess vehicle function and messaging should a shift cable bushing become detached from the transmission.

May - June 2018: Ongoing data analysis found two distinct Fusion production periods with higher than expected rate of reports, and one distinct production period for Escape vehicles. CCRG requested a vehicle clinic be conducted to inspect transmission shift cables and the engine compartment for potential component contamination. Components gathered as part of this clinic were analyzed.

On July 9, 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 use their parking brake and take their vehicle to a Ford or Lincoln dealer to have the shifter cable bushing replaced. There will be no charge for this service.

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

How Remedy Component Differs from Recalled Component : Replacement bushings are produced free of known contaminants from a material that is more robust.

Replacement Part: Shifter Cable Bushing; Part number: DG9P-7K340-BA.

Identify How/When Recall Condition was Corrected in Production : This action affects vehicles produced within the timeframes specified for which bushing contamination has been identified. This contamination has not been found on vehicles outside these populations.

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on July 17, 2018. Mailing of owner notification letters is expected to begin July 30, 2018 and is expected to be completed by August 11, 2018.

Planned Dealer Notification Date : JUL 17, 2018 - JUL 17, 2018

Planned Owner Notification Date : JUL 30, 2018 - AUG 11, 2018

* NR - Not Reported