

Part 573 Safety Recall Report**15V-005****Manufacturer Name :** Ford Motor Company**Submission Date :** JAN 08,2015**NHTSA Recall No. :** 15V-005**Manufacturer Recall No. :** 14S30**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 : 9,038

Estimated percentage with defect : 0

Vehicle Information :

Vehicle : 2015-2015 Lincoln MKC

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : NR

Descriptive Information : 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.

This action includes 2015 Lincoln MKC vehicles built from 4/21/2014-5/15/2014 and 2014 Ford Escape vehicles built 4/15/2014-5/8/2014

Production Dates : APR 21, 2014 - MAY 15, 2014

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2014-2014 Ford Escape

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : NR

Descriptive Information : 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.

This action includes 2015 Lincoln MKC vehicles built from 4/21/2014-5/15/2014 and 2014 Ford Escape vehicles built 4/15/2014-5/8/2014

Production Dates : APR 15, 2014 - MAY 08, 2014

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs**Description of Defect :**

Description of the Defect : On some vehicles, contamination, due to improper nickel plating of certain subcomponents within the fuel pump, may cause excessive pump friction, potentially resulting in an inoperative fuel pump.

Description of the Safety Risk : If the fuel pump becomes inoperable due to this condition, the vehicle operator may experience a no-start condition or a stall without warning or the ability to restart the vehicle. An engine stall without warning while driving can increase the risk of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Supplier Identification :**Component Manufacturer**

Name : Bosch

Address : 38000 Hills Tech Drive

Farmington Hills MICHIGAN 48331

Country : United States

Chronology :

June – Sept 2014: Engineering identified an increase in fuel pump warranty in vehicles operated in non-U.S. markets using a fuel pump similar to one used in U.S. vehicles. A process issue related to the nickel plating of certain subcomponents within fuel pumps used in non-U.S. vehicles was identified by the supplier. Since a similar pump design was produced by the supplier for use in Ford's U.S. vehicles, the issue was brought to Critical Concern Review Group for review. Efforts to recover and analyze failed fuel pumps from vehicles were initiated. The analysis of certain U.S. fuel pumps found subcomponents with varying nickel plating thickness and hardness. As a result, Bosch developed a 100-hour high pressure "Stress Test" to evaluate the plating integrity on the field returned pumps and differences in the field performance of the pumps produced by their German and U.S. facilities for use in varying global markets. Extensive testing was conducted by the pump supplier that confirmed a performance issue with the pumps manufactured in their German facility due to improper nickel plating but did not reveal a performance issue with U.S. manufactured parts used in Ford's U.S. vehicles. Based on these results and warranty rates, it was determined to continue to monitor U.S. warranty data and analyze any additional returned field parts.

Oct - Nov: The on-going analysis of U.S. warranty reports began to show an elevated warranty rate pertaining to no-start and stall allegations on vehicles with fuel pumps built in the supplier's U.S. facility on March 26 and 27. These pumps contained subcomponents that were nickel plated on February 10. Further analysis indicated that, contrary to earlier testing, the fuel pumps produced in the U.S. on March 26 and 27 were exhibiting a higher susceptibility to mechanical seizure caused by improper nickel plated components (impeller & pumping chamber).

On December 22, 2014, Ford's Field Review Committee approved a field action.

Description of Remedy :

Description of Remedy Program : Owners will be notified by mail and instructed to take their vehicle(s) to a Ford or Lincoln dealer to remove and replace the FDM per standard workshop manual procedure. There will be no charge to owners for this service.

In accordance with Part 573.13(d)(1), Ford is excluding reimbursement for costs incurred by owners for repair of this concern because Ford's original warranty program would provide for a free repair for this concern for customers.

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

How Remedy Component Differs from Recalled Component : NR

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

Recall Schedule :

Description of Recall Schedule : Notification to dealers occurred on December 31, 2014. Mailing of owner notification letters will begin February 23, 2014, and is expected to be completed by February 27, 2014.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : FEB 23, 2015 - FEB 27, 2015

* NR - Not Reported