

# Part 573 Safety Recall Report

# 18V-548

**Manufacturer Name :** Ford Motor Company

**Submission Date :** OCT 01, 2018

**NHTSA Recall No. :** 18V-548

**Manufacturer Recall No. :** 18S25



## 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 :** 87

**Estimated percentage with defect :** 100 %

## Vehicle Information :

**Vehicle 1 :** 2018-2018 Ford Edge

**Vehicle Type :** LIGHT VEHICLES

**Body Style :**

**Power Train :** NR

**Descriptive Information :** Ford's team reviewed plant records to determine the population of affected parts.

**Production Dates :** MAY 29, 2018 - MAY 29, 2018

**VIN Range 1 : Begin :** NR **End :** NR

Not sequential

**Vehicle 2 :** 2019-2019 Lincoln MKT

**Vehicle Type :** LIGHT VEHICLES

**Body Style :**

**Power Train :** NR

**Descriptive Information :** Ford's team reviewed plant records to determine the population of affected parts.

**Production Dates :** MAY 29, 2018 - MAY 29, 2018

**VIN Range 1 : Begin :** NR **End :** NR

Not sequential

**Vehicle 3 :** 2019-2019 Ford Flex

**Vehicle Type :** LIGHT VEHICLES

**Body Style :**

**Power Train :** NR

**Descriptive Information :** Ford's team reviewed plant records to determine the population of affected parts.

**Production Dates :** MAY 29, 2018 - MAY 29, 2018

**VIN Range 1 : Begin :** NR **End :** NR

Not sequential

**Vehicle 4 :** 2018-2018 Lincoln MKX

**Vehicle Type :** LIGHT VEHICLES

**Body Style :**

**Power Train :** NR

**Descriptive Information :** Ford's team reviewed plant records to determine the population of affected parts.

**Production Dates :** MAY 29, 2018 - MAY 29, 2018

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

## Description of Defect :

**Description of the Defect :** The power supply cable fastener to the alternator or to the starter motor may not be properly secured.

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

**FMVSS 1 :** NR

**FMVSS 2 :** NR

**Description of the Safety Risk :** If the nut used to fasten the power supply cable to the starter motor or alternator is not fully tightened or is cross threaded, the interface may not provide a secure connection. An improperly fastened power supply cable increases the potential for electrical arcing, which could lead to a fire.

**Description of the Cause :** For approximately 1.5 hours on May 29, 2018, a cut ethernet cable resulted in the use of a manual back up process for the two power supply cable fasteners. This manual process requires manual verification of fastener torque; however, the two warranty reports indicate that the manual process was not effective.

**Identification of Any Warning that can Occur :** The user may receive warning messages on the instrument cluster, or the engine may not start.

## Supplier Identification :

### Component Manufacturer

**Name :** NR

**Address :** NR

NR

**Country :** NR

## Chronology :

On July 24, 2018, Ford's Critical Concerns Review Group (CCRG) began investigating two warranty claims that appeared to relate to improperly secured alternator or starter motor power supply cable nuts. The investigation included inspection of vehicles within Ford's control and a review of assembly processes and records.

On August 17, 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 inspect the alternator and starter motor power supply cable nuts and studs for cross threading or damage, and verify that the nuts are properly torqued using a torque wrench. 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 :** The recalled vehicles were manufactured during an approximate 1.5 hour time period on May 29, 2018, when a manual fastener torque verification process was used. Vehicles built before and after this production period utilized an automated torque verification process and were not subject to this concern.

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

## Recall Schedule :

**Description of Recall Schedule :** Notification to dealers is expected to occur on 08/21/2018. Mailing of owner notification letters is expected to begin 09/17/2018 and is expected to be completed by 09/21/2018.

**Planned Dealer Notification Date :** AUG 21, 2018 - AUG 21, 2018

**Planned Owner Notification Date :** SEP 17, 2018 - SEP 21, 2018

\* NR - Not Reported