

# Part 573 Safety Recall Report

# 18V-058

**Manufacturer Name :** Ford Motor Company**Submission Date :** JAN 16, 2018**NHTSA Recall No. :** 18V-058**Manufacturer Recall No. :** 18C01**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 : 361

Estimated percentage with defect : 50 %

**Vehicle Information :**

Vehicle 1 : 2018-2018 Ford Expedition

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

**Descriptive Information :** Affected vehicles are equipped with second row window electronic control modules that were manufactured incorrectly. Ford reviewed supplier process and maintenance records to determine the population of affected parts. The Ford process is not capable of tracing second row window electronic control module production to the vehicle in which the module 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 27, 2017 - DEC 09, 2017

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2018-2018 Lincoln Navigator

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

**Descriptive Information :** Affected vehicles are equipped with second row window electronic control modules that were manufactured incorrectly. Ford reviewed supplier process and maintenance records to determine the population of affected parts. The Ford process is not capable of tracing second row window electronic control module production to the vehicle in which the module 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 27, 2017 - DEC 07, 2017

VIN Range 1 : Begin :

NR

End : NR

Not sequential

## Description of Noncompliance :

Description of the Noncompliance : Certain 2018 MY Expedition and Navigator vehicles may have second row window control modules that were manufactured with an incorrect electrical component. These modules may stop window movement under certain conditions that cause the module electrical system to reach its thermal protection threshold. Should this occur the power-operated window may not automatically reverse when it encounters an obstruction while the window is closing. FMVSS 118, S5 (Automatic Reversal Systems) requires automatic reversing for power-operated windows when remotely closing the windows, such as with a key fob command. The window could still move in intervals of 500 milliseconds with manual switch operation. "One touch up/down" and "automatic reversal" function would resume once the control module's internal temperature falls below the thermal protection threshold. There is no fire risk associated with this condition.

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

FMVSS 1 : 118 - Power-operated window systems

FMVSS 2 : NR

Description of the Safety Risk : If the power-operated window does not automatically reverse when it encounters an obstruction while closing, it may increase the risk of injury.

Description of the Cause : Certain second row window control modules were manufactured with an incorrect electronic component.

Identification of Any Warning that can Occur : The window may exhibit intermittent power up/power down function.

## Supplier Identification :

### Component Manufacturer

Name : KOSTAL OF AMERICA INC

Address : ACCESO II NO 36/FRACC IND,BENITO  
JUAREZ,QU 76120

Country : NR

**Chronology :**

December 2017: An issue concerning operation of second row window electronic control modules in certain 2018 MY Expedition and 2018 MY Navigator vehicles was brought to Ford's Critical Concern Group (CCRG) for review. Vehicle assembly plant end-of-line processing identified two (2) vehicles that exhibited improper second row window operation. Investigation by the window control module supplier determined the control modules had been manufactured with an incorrect electronic component. Laboratory tests of modules with this incorrect component were evaluated and found to reach the system's electrical temperature protection threshold under certain "high window load" conditions, which could cause the window to stop movement. Vehicles tested with incorrectly manufactured modules did not exhibit this laboratory condition. An additional vehicle evaluation was requested.

January 5, 2018: Engineering conducted additional vehicle testing to assess rear window "one touch up" operation with an incorrectly manufactured window electronic control module relative to requirements of FMVSS 118.

On January 8, 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 second row window electronic control module build date code inspected, and the module replaced if necessary. There will be no charge for this service.

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 : Replacement window control modules have been manufactured with correct internal electronic components.

Identify How/When Recall Condition was Corrected in Production : Rear window electronic control modules manufactured with the correct internal electronic components and using improved control processes were implemented into vehicle production beginning on December 7, 2017.

**Recall Schedule :**

Description of Recall Schedule : Notification to dealers is expected to occur on January 17, 2018. Mailing of owner notification letters is expected to begin February 5, 2018 and is expected to be completed by February 9, 2018.

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

Planned Owner Notification Date : FEB 05, 2018 - FEB 09, 2018

\* NR - Not Reported