

# Part 573 Safety Recall Report

# 18V-805

**Manufacturer Name :** Ford Motor Company**Submission Date :** NOV 14, 2018**NHTSA Recall No. :** 18V-805**Manufacturer Recall No. :** 18S37**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 : 34,946

Estimated percentage with defect : 1 %

**Vehicle Information :**

Vehicle 1 : 2018-2018 Lincoln Navigator

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : NR

**Descriptive Information :** Ford's team reviewed supplier process and maintenance records to determine the population of affected parts. The Ford process is capable of tracing seat production to the vehicle in which the seat is installed. This action includes all vehicles produced with this seat configuration (second row bench [40/20/40]), which was a new design for the 2018 model year. The second row bench center (20%) seat is adjustable, and can be positioned 70mm further forward than the outboard seats. The owner's manual states the seat should be adjusted to its rearward position when it is occupied by older children or adults, including children in booster seats.

2,439 Navigator vehicles are affected.

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 : MAR 31, 2017 - AUG 18, 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 : NR

**Descriptive Information :** Ford's team reviewed supplier process and maintenance records to determine the population of affected parts. The Ford process is capable of tracing seat production to the vehicle in which the seat is installed. This action includes all vehicles produced

with this seat configuration (second row bench [40/20/40]), which was a new design for the 2018 model year. The second row bench center (20%) seat is adjustable, and can be positioned 70mm further forward than the outboard seats. The owner's manual states the seat should be adjusted to its rearward position when it is occupied by older children or adults, including children in booster seats.

32,507 Expedition vehicles are affected.

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 : MAR 14, 2017 - AUG 18, 2018

VIN Range 1 : Begin :

NR

End : NR

Not sequential

## Description of Defect :

Description of the Defect : In the some of the affected vehicles, the seat track assembly for the second row center (20%) seat may be missing one or both J-channel reinforcement brackets. A seat track missing one or both J-channel reinforcement brackets may not properly restrain the seat assembly during a crash.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A second row 20% center seat assembly built without one or both J-channel reinforcement brackets may not properly restrain an occupant in the event of a crash, increasing the risk of injury.

Description of the Cause : The lower seat track components are manually assembled by the seat supplier as part of the completed seat assembly. An operator at the seat supplier did not consistently install the J-channel reinforcement brackets in the assembly. The seat supplier's process included a laser sensor intended to detect and confirm presence of the J-channel reinforcement bracket, however the incorrect laser sensor was in use, resulting in the potential for one or both J-channel reinforcement brackets to be missing from completed seat assemblies delivered to Ford.

Identification of Any Warning that can Occur : None.

## Supplier Identification :

### Component Manufacturer

Name : Magna Seating of America Inc.

Address : 165 Omicron Court  
Shepherdsville KENTUCKY 40165  
Country : United States

## Chronology :

On August 30, 2018, Ford's Critical Concerns Review Group (CCRG) reviewed a concern regarding missing J-channel reinforcement brackets on certain 2018 model year Expedition and Navigator second row bench center (20%) seats. This seat track assembly design contains two J-channel reinforcement brackets, one left-hand and one right-hand. CCRG requested an assessment of center seat structural integrity with one or both J-bracket reinforcements missing.

September - October 2018: Directional CAE analysis was conducted on a rigidized body sheet metal structure with the second row center seat in the full rear and full forward seating positions and a more detailed analysis simulating actual body sheet metal structure to determine if this presents a risk. This in-depth CAE analyses, simulating the production vehicle design, indicated that the seat track missing one or both J-channel reinforcement brackets may peel or tear when the seat is adjusted in the fully forward or near fully forward position. CAE also confirmed that a seat adjusted in the full rearward seating position did not present this concern.

On November 5, 2018, Ford's Field Review Committee reviewed the concern and approved a field action.

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

## 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 center (20%) seat inspected to determine if both J-channel brackets are installed. If one or both J-channel brackets are missing, dealers will replace the center seat frame assembly. There will be no charge for this service.

Until the vehicle is serviced for this concern, customers are advised to adjust the center seat to its full rearward position.

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 : The second row center (20%) seat will be inspected for J-channel brackets and the seat frame assembly will be replaced if one or both J-channel

from Recalled Component : brackets are missing.

Identify How/When Recall Condition was Corrected in Production : Vehicles not included in this recall were built with seats containing both J-channel reinforcement brackets.

### Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on November 15, 2018. Mailing of owner notification letters is expected to begin December 17, 2018 and is expected to be completed by December 21, 2018.

Planned Dealer Notification Date : NOV 15, 2018 - NOV 15, 2018

Planned Owner Notification Date : DEC 17, 2018 - DEC 21, 2018

\* NR - Not Reported