

Part 573 Safety Recall Report

16V-945

Manufacturer Name : Ford Motor Company**Submission Date :** DEC 22, 2016**NHTSA Recall No. :** 16V-945**Manufacturer Recall No. :** 16S45**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 : 7,105

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2017-2017 Ford F-250

Vehicle Type : LIGHT VEHICLES

Body Style : PICKUP TRUCK

Power Train : NR

Descriptive Information : This action affects certain 2017 F-Super Duty Pickup.

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 : AUG 10, 2016 - SEP 17, 2016

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2017-2017 Ford F-350

Vehicle Type : LIGHT VEHICLES

Body Style : PICKUP TRUCK

Power Train : NR

Descriptive Information : This action affects certain 2017 F-Super Duty Pickup.

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 : AUG 10, 2016 - SEP 17, 2016

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Description of Defect :

Description of the Defect : Some F-Super Duty Pickup vehicles built within the suspect date range may be missing a frame reinforcement bracket at the attachment of the front fuel tank strap, which is required on these vehicles for long-term durability.

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

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The frame reinforcement for the fuel tank support strap is required on Super Duty Pickup applications for long-term durability. Over time, the missing reinforcement on these vehicles could lead to the fuel tank strap separating from the frame, resulting in the fuel tank moving out of position and potentially contacting the ground, increasing the risk of a fuel leak. A fuel leak in the presence of an ignition source may increase the risk of a fire.

Description of the Cause : A material handling issue at the frame supplier may have resulted in crossmembers without a frame reinforcement bracket being incorrectly used for Super Duty Pickup applications, which require cross members with a frame reinforcement.

Identification of Any Warning that can Occur : None

Supplier Identification :

Component Manufacturer

Name : Bowling Green Metalforming

Address : 111 Cosma Drive

Bowling Green KENTUCKY 42101

Country : United States

Chronology :

September 2016: On September 18, 2016, the frame supplier notified Ford that they identified an F-Super Duty Pickup frame at Ford's Kentucky Truck Plant (KTP) that was manufactured without the fuel tank strap reinforcement in the #3 cross member. The supplier informed Ford that a certain number of suspect frames may have been shipped to KTP without the reinforcement required for F-Super Duty Pickup applications. Subsequent inspection of approximately 4000 uninstalled frames at KTP and at the supplier's facility identified 58 misbuilt frames. Inspection of 754 completed vehicles at KTP identified no misbuilt frames. It was unclear whether any misbuilt frames were installed on vehicles. This issue was brought to Ford's Critical Concern Review Group (CCRG) for review. CAE analysis was initiated to evaluate the performance of the cross member without the reinforcement.

October-November 2016: Initial CAE analysis indicated potentially reduced long-term durability of the suspect cross member in Super Duty Pickup applications. Supplier records were reviewed to determine the manufacturing dates of potentially suspect frames. These reviews found cross member handling issues on two manufacturing lines used to produce the frames at the supplier. It was determined that frames built on the main line on or after September 9, 2016, were suspect, and that frames built on an auxiliary line on or after August 10, 2016, were suspect. Misbuilt frames assembled within these suspect time frames may have been shipped to KTP and installed on vehicles.

On December 12, 2016, 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 for the presence of a reinforcement on the #3 cross member at the front fuel tank strap attachment location. If no reinforcement bracket is found, the dealer will install a reinforcement bracket. 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 : NR

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

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on December 20, 2016.
Mailing of owner notification letters is expected to begin February 6, 2017 and is expected to be completed by February 10, 2017.

Planned Dealer Notification Date : DEC 20, 2016 - DEC 20, 2016

Planned Owner Notification Date : FEB 06, 2017 - FEB 10, 2017

* NR - Not Reported