

Part 573 Safety Recall Report

17V-212

Manufacturer Name : Ford Motor Company**Submission Date :** MAR 27, 2017**NHTSA Recall No. :** 17V-212**Manufacturer Recall No. :** 17S08**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 : 509

Estimated percentage with defect : NR

Vehicle Information :

Vehicle 1 : 2017-2017 Ford F-450/550 Superduty

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : Only vehicles equipped with 6.8L gas engine, 4x4 drive, 205" wheel base, and 4.88 axle ratio have a driveline that may be affected by this concern.

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 : FEB 16, 2016 - FEB 21, 2017

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Vehicles with this specific configuration may experience driveline vibration caused by a powertrain system resonance condition at speeds above 75 mph. Continued operation of a vehicle at these speeds could result in a resonance frequency that may fracture transmission and/or driveline components.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Fracture of the transmission and/or driveline components may result in a loss of motive power without warning while driving, or unintended vehicle movement in park if the parking brake is not applied, increasing the risk of injury or crash.

Description of the Cause : This specific vehicle configuration exhibits a powertrain system resonance condition that was not identified during vehicle development testing.

Identification of Any Warning that can Occur : Customers may notice driveline vibration prior to a failure.

Supplier Identification :

Component Manufacturer

Name : NA

Address : NR

NR

Country : NR

Chronology :

February-March 2017:

CCRG reviewed an issue concerning reports of transmission and/or driveline component fractures. Five warranty claims identified either driveshaft fractures ahead of the center bearing and/or transmission housing cracks on 2017MY Super Duty F450/550 205 in. wheelbase 4x4 vehicle configuration. Engineering analysis indicated the concern was caused by powertrain bending resulting from a driveshaft/powertrain resonance frequency that could occur at maximum vehicle speeds (78 mph to 81 mph).

CCRG conducted a vehicle evaluation to evaluate potential symptoms associated with this powertrain system resonance as described in some of the reports from the field.

On March 20th, 2017, 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 two-piece driveshaft replaced with a new three-piece driveshaft and two center bearing brackets. 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 March 28th, 2017. Mailing of owner notification letters is expected to begin April 4th, 2017 and is expected to be completed by April 11th, 2017.

Planned Dealer Notification Date : MAR 28, 2017 - MAR 28, 2017

Planned Owner Notification Date : APR 04, 2017 - APR 04, 2017

* NR - Not Reported