

Part 573 Safety Recall Report

18V-319

Manufacturer Name : Ford Motor Company**Submission Date :** MAY 16, 2018**NHTSA Recall No. :** 18V-319**Manufacturer Recall No. :** 18C05**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 : 151

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2018-2018 Ford F650 and F750

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : This condition affects F650 / F750 vehicles equipped with hydraulic brake systems built within the time periods above.

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 28, 2018 - APR 17, 2018

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2018-2018 Ford F650 and F750

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : This condition affects F650 / F750 vehicles equipped with hydraulic brake systems built within the time periods above.

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 28, 2018 - APR 17, 2018

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Description of Noncompliance :

Description of the Noncompliance : On the affected F650 and F750 vehicles, the parking brake cable was not adjusted to specification. Vehicles with inadequate parking brake cable tension may fail to comply with FMVSS 105, section 5.2.3 (Hydraulic and Electric Brake Systems).

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

FMVSS 1 : 105 - Hydraulic and electric brake systems

FMVSS 2 : NR

Description of the Safety Risk : For vehicles equipped with a transmission that does not have a 'Park' position or a transmission that has a 'Park' position but the transmission lever is not placed in 'Park', an improperly adjusted park brake cable could result in unintended movement of the vehicle, increasing the risk of accident or injury.

Description of the Cause : Newly installed parking brake cable tensioning gauges were not calibrated to the F650 and F750 design specification.

Identification of Any Warning that can Occur : If the park brake cable is not properly adjusted, an operator may observe decreased efforts when actuating the park brake lever.

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

Chronology :

April 26, 2018: An issue concerning vehicles assembled with parking brake cable tension values below specification was brought to Ford's Critical Concern Review Group (CCRG) for review. During vehicle assembly, the parking brake cables on potentially affected vehicles were adjusted using tension gauges that were not calibrated to design specification. An investigation to assess potential affect on vehicle performance was initiated. An audit of parking brake cable tension values was conducted on quarantined vehicles that were produced within the suspect timeframe.

May 2018: A statistical analysis of of the measured park brake cable tension values was conducted. Based on this statistical analysis and the variety of potentially affected vehicle build configurations (axle, tire and transmission ratio combinations), analytical and physical tests on several theoretical vehicle configurations were conducted using a theoretical minimum parking brake cable tension value.

On May 14, 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 parking brake cable adjusted in accordance with the Workshop Manual procedure. There will be no charge for this service. Customers and dealers will be instructed to ensure the transmission is secured in 'Park' (if equipped) or the wheels chocked before leaving the vehicle unattended prior to repair.

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 : Dealer technicians will adjust the parking brake cable in accordance with the Workshop Manual procedure.

Identify How/When Recall Condition was Corrected in Production : Recertified parking brake cable tension gauges were incorporated at Ohio Assembly Plant on April 23, 2018

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on May 18, 2018. Mailing of owner notification letters is expected to begin May 21, 2018 and is expected to be completed by May 25, 2018.

Planned Dealer Notification Date : MAY 18, 2018 - MAY 18, 2018

Planned Owner Notification Date : MAY 21, 2018 - MAY 25, 2018

* NR - Not Reported