

Part 573 Safety Recall Report

16V-482

Manufacturer Name : Ford Motor Company**Submission Date :** JUL 19, 2016**NHTSA Recall No. :** 16V-482**Manufacturer Recall No. :** 16C10**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 : 1,895

Estimated percentage with defect : NR

Vehicle Information :

Vehicle 1 : 2016-2016 Ford Transit Connect

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Affected vehicles are equipped with a brake Hydraulic Control Unit (HCU) that may be contaminated with manufacturing debris, potentially affecting Electronic Stability Control (ESC) performance and related brake systems.

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 22, 2016 - JUN 16, 2016

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Noncompliance :**

Description of the Noncompliance : Certain brake Hydraulic Control Units (HCU) may be contaminated with manufacturing debris, which could affect Electronic Stability Control (ESC), resulting in a potential non-compliance with FMVSS 126, Section S7.9, and related systems.

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

FMVSS 1 : 126 - Electronic stability control systems

FMVSS 2 : NR

Description of the Safety Risk : If the debris interferes with the pump or pressure control valve in the HCU, a driver may experience degraded performance of Electronic Stability Control and related brake systems without warning, potentially resulting in rear wheel lock-up while braking. This could result in a loss of vehicle control, increasing the risk of a crash.

Description of the Cause : Sub-supplier manufacturing errors may have resulted in manufacturing debris contaminating the HCU component. During operation, the debris may interfere with the pump or pressure control valves in the HCU.

Identification of Any Warning that can Occur : None.

Supplier Identification :

Component Manufacturer

Name : Continental Teves AG & Co. OHG

Address : Guerickestrasse 7

Frankfurt, AM Main FOREIGN STATES 60488

Country : Germany

Chronology :

May 19, 2016: Ford's Critical Concern Review Group (CCRG) was informed that the brake Hydraulic Control Unit supplier reported the possible presence of debris in certain HCUs provided to Ford. Engineering was requested to investigate the potential affect on vehicle performance.

May 20, 2016: Engineering reported the supplier had begun vehicle performance testing using a suspect part.

June 10, 2016: Engineering reported that the supplier had used a non-Ford vehicle for testing. Engineering initiated an assessment of the non-Ford vehicle test data.

June 13, 2016: Based on review of the non-Ford vehicle test data provided by the supplier, Engineering determined that debris in the brake HCU resulting from this issue could potentially affect the proper operation of Electronic Stability Control.

On June 20, 2016, Ford's Field Review Committee reviewed the concern and approved a field action.

On June 27, 2016, Ford filed a Part 573 Non-Compliance information report with NHTSA.

On July 11, 2016, on-going analysis identified an additional suspect population of vehicles affected by manufacturing contaminants that could similarly affect the proper operation of Electronic Stability Control.

On July 18, 2016, Ford's Field Review Committee reviewed the concern and approved an incremental population of vehicles be added to 16C10.

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 brake HCU removed and replaced, per the standard workshop manual procedure. 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 June 28, 2016 and July 20, 2016. Mailing of owner notification letters is expected to begin August 15, 2016 and is expected to be completed by August 19, 2016.

Planned Dealer Notification Date : JUN 28, 2016 - JUL 20, 2016

Planned Owner Notification Date : AUG 15, 2016 - AUG 19, 2016

* NR - Not Reported