

Part 573 Safety Recall Report

19V-075

Manufacturer Name : Ford Motor Company

Submission Date : FEB 11, 2019

NHTSA Recall No. : 19V-075

Manufacturer Recall No. : 19S07



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 : 1,263,051

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2011-2013 Ford F-150

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : Affected 2011-2013 model year vehicles are equipped with 6-speed (6R80) automatic transmission. This includes 1,263,051 F-150 vehicles (2011=311,382, 2012=315,215, 2013=636,454) vehicles.

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 : APR 28, 2010 - NOV 18, 2013

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : Some vehicles may experience an intermittent loss of the Transmission Output Speed Sensor (OSS) signal to the Powertrain Control Module, potentially resulting in a temporary, unintended downshift into first gear.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Depending on the vehicle speed at the time of an intermittent OSS failure, an abrupt transmission downshift to first gear could occur. A downshift to first gear without warning could result in a loss of vehicle control, increasing the risk of a crash.

Description of the Cause : Ford has identified various causal factors of an intermittent OSS signal in this

population of vehicles, including contamination, power short to ground, connector corrosion, connector pin swaging, and incorrect outputs from the OSS sensor.

Identification of Any Warning that can Occur : A downshift to first gear may illuminate a Malfunction Indicator Light (MIL). In some cases, the OSS signal could recover while driving and the vehicle will resume normal function; in other cases the vehicle may need to be stopped and restarted to regain normal transmission operation.

Supplier Identification :

Component Manufacturer

Name : Continental Automotive Systems US Inc
Address : Luis Bleriot 6720 Parque IND
Juarez FOREIGN STATES 32695
Country : Mexico

Chronology :

See attached.

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 Powertrain Control Module reprogrammed. 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 : The dealers will reprogram the Powertrain Control Module with software that will prevent an unintended downshift into first gear and illuminate the Malfunction Indicator Light (MIL) in the event of an intermittent OSS signal.

Identify How/When Recall Condition was Corrected in Production : Several production and system reliability robustness actions were implemented by the supplier of the leadframe which improved warranty significantly starting with vehicles built after the 16S19 population.

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on February 12, 2019.
Mailing of owner notification letters is expected to begin March 4, 2019 and is expected to be completed by March 8, 2019.

Planned Dealer Notification Date : FEB 12, 2019 - FEB 12, 2019

Planned Owner Notification Date : MAR 04, 2019 - MAR 08, 2019

* NR - Not Reported