

Part 573 Safety Recall Report

19V-433

Manufacturer Name : Ford Motor Company**Submission Date :** JUN 10, 2019**NHTSA Recall No. :** 19V-433**Manufacturer Recall No. :** 19S19**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 : 107,857

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2013-2013 Ford F-150

Vehicle Type : LIGHT VEHICLES

Body Style : PICKUP TRUCK

Power Train : GAS

Descriptive Information : This action includes all 2013MY F-150's equipped with 5.0L and 6.2L gasoline engines that had their powertrain control module software reprogrammed as part of recall 19S07.

Vehicles that have not had 19S07 performed are not affected by this action and will receive updated software under the existing 19S07 program.

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 18, 2012 - NOV 18, 2013

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : The powertrain control module (PCM) software used to service 2013MY F-150 5.0L and 6.2L vehicles in accordance with recall 19S07 did not have the updates necessary to prevent a potential unintended downshift into first gear and illuminate the Malfunction Indicator Light (MIL) in the event of an intermittent Transmission Output Speed Sensor (OSS) signal.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A vehicle without the intended 19S07 calibration remains at risk for

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

Description of the Cause : The updated software calibration that was intended to be installed in 2013MY 5.0L & 6.2L F-150 vehicles in accordance with safety recall 19S07 was not properly released into service.

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 : NR

Address : NR

NR

Country : NR

Chronology :

On May 16, 2019, a report from a technician servicing a 2013MY 6.2L F-150 for recall 19S07 was brought to Ford's Critical Concern Review Group (CCRG) for review. The technician had indicated that no new powertrain control module (PCM) software was available to service that vehicle for the recall.

Upon investigation, Ford identified that PCM calibrations used to service both 2013MY 6.2L & 5.0L engine applications for 19S07 were not updated and did not include the software intended to prevent a potential unintended downshift into first gear in the event of an intermittent Transmission Output Speed Sensor (OSS) signal.

On June 3, 2019, Ford's Field Review Committee reviewed the concern and approved a field action.

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

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 with the appropriate software calibration. 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 : A new software calibration to update 2013MY 5.0L & 6.2L F-150 vehicles is expected to be released for service concurrent with Ford's planned June 11, 2019 dealer notifications for this action.

Identify How/When Recall Condition was Corrected in Production : This issue does not affect current production vehicles.

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on June 11, 2019. Mailing of owner notification letters is expected to begin June 24, 2019 and is expected to be completed by June 28, 2019.

Planned Dealer Notification Date : JUN 11, 2019 - JUN 11, 2019

Planned Owner Notification Date : JUN 24, 2019 - JUN 28, 2019

* NR - Not Reported