

Part 573 Safety Recall Report

19V-071

Manufacturer Name : Ford Motor Company**Submission Date :** FEB 01, 2019**NHTSA Recall No. :** 19V-071**Manufacturer Recall No. :** 19C02**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 : 2,992

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2019-2019 Ford Ranger

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

Descriptive Information : This condition affects 2,922 Ford Ranger vehicles produced within the build dates listed above and equipped with 10R80 automatic transmissions.

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 : JUN 04, 2018 - JAN 09, 2019

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Noncompliance :**

Description of the Noncompliance : In some of the affected vehicles, the Brake Transmission Shift Interlock (BTSI) override plunger may be depressed allowing the shifter to be moved from the "park" position without the key in the starting system and without depressing the brake pedal.

FMVSS 1 : 114 - Theft protection

FMVSS 2 : NR

Description of the Safety Risk : If the park brake is not applied on a vehicle in which the PRNDL bezel wiring has depressed the BTSI override plunger, the shift lever can be moved from the "park" position without the key in the starting system and without depressing the brake pedal. This can result in unintended vehicle movement, increasing the risk of injury or crash.

Description of the Cause : During assembly of the automatic transmission PRNDL bezel to the floor console, the PRNDL bezel wiring may interfere with the Brake Transmission Shift Interlock (BTSI) override plunger. This could prevent the transmission shifter from locking in the park position, allowing the shifter to move without the key in the starting system and without depressing the brake pedal.

Identification of Any Warning that can Occur : None.

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

On January 10, 2019, a report that a 2019 Ranger vehicle could be shifted out of park without depressing the brake pedal or having the key in the ignition was brought to Ford's Critical Concerns Review Group (CCRG) for review. This concern had been identified during a vehicle audit at Ford's Michigan Assembly Plant (MAP) on January 8 and prior to the vehicle leaving MAP. An engineering investigation found that the PRNDL bezel wiring on this vehicle interfered with the BTSI plunger.

A subsequent inspection of 985 vehicles at MAP was requested, and identified a second vehicle, built during the same shift, with this condition. Inspection of 121 vehicles at a separate local Ford Motor Company facility was also conducted and no vehicles were found with this condition. A review of the vehicle assembly process and post-assembly vehicle update procedures were undertaken. During this review, three more vehicles in production at MAP were identified with this condition and repaired.

On January 21, 2019, a dealer warranty claim pertaining to a shifter interlock actuator repair was identified. A subsequent discussion with the dealer technician indicated that the vehicle was able to shift out-of-park without depressing the brake pedal.

On January 25, 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 condition.

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 verify proper shifter interlock functionality without the key in the ignition and without depressing the brake pedal. If a vehicle fails either inspection (shifter can be moved out of park), dealers will inspect for wiring interference with the interlock switch plunger and relocate the wiring as required. There will be no charge for this service.

Customers should apply their park brake whenever the vehicle is placed in "park".

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 shifter interlock function will be verified and repaired if necessary.

Identify How/When Recall Condition was Corrected in Production : A 100% verification of proper shifter BTSI function was implemented during assembly on January 9, 2019. The shifter assembly was modified in production at MAP on January 22, 2019, to eliminate the potential for BTSI wire entrapment.

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on February 4, 2019. Mailing of owner notification letters is expected to begin February 18, 2019, and is expected to be completed by February 22, 2019.

Planned Dealer Notification Date : FEB 04, 2019 - FEB 04, 2019

Planned Owner Notification Date : FEB 18, 2019 - FEB 22, 2019

* NR - Not Reported