

Part 573 Safety Recall Report

20V-197

Manufacturer Name : Ford Motor Company**Submission Date :** APR 03, 2020**NHTSA Recall No. :** 20V-197**Manufacturer Recall No. :** 20S18**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 : 55,158

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2020-2020 Ford Expedition

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : NR

Descriptive Information : This condition affects certain F150 and Expedition vehicles equipped with 10-speed automatic transmissions built within the time periods above. The suspect production date for F-150 vehicles produced at Kansas City Assembly Plant begins February 21, 2020. For Expedition vehicles, only units built with the "police" package are affected; units with console equipped Rotary Gear Shift Dials are not affected by this condition.

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.

43 Expedition Vehicles are affected

Production Dates : MAR 03, 2020 - MAR 19, 2020

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2020-2020 Ford Ranger

Vehicle Type : LIGHT VEHICLES

Body Style : PICKUP TRUCK

Power Train : NR

Descriptive Information : This condition affects certain Rangers 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.

5,271 Ranger Vehicles are affected

Production Dates : FEB 28, 2020 - MAR 18, 2020

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 3 : 2020-2020 Ford F-150

Vehicle Type : LIGHT VEHICLES

Body Style : PICKUP TRUCK

Power Train : NR

Descriptive Information : This condition affects certain F150 and Expedition vehicles equipped with 10-speed automatic transmissions built within the time periods above. The suspect production date for F-150 vehicles produced at Kansas City Assembly Plant begins February 21, 2020. For Expedition vehicles, only units built with the "police" package are affected; units with console equipped Rotary Gear Shift Dials are not affected by this condition.

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.

49,844 F-150 Vehicles are affected

Production Dates : FEB 18, 2020 - MAR 19, 2020

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : On some of the affected vehicles, a clip that locks the gear shift cable to the transmission may not be fully seated. Over time, a partially seated clip may allow the transmission to be in a gear state different than the gear shift position selected by the driver. This could allow the driver to move the shifter to Park and remove the ignition key, while the transmission gear may not be in Park. If the parking brake is not applied, this condition could result in unintended vehicle movement.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Over time, a partially seated lock clip may allow the transmission to be in a gear state different than the gear shift position selected by the driver and may result in the vehicle moving in an unintended direction. This condition could also allow the driver to move the shifter to Park and remove the ignition key, while the transmission gear may not be in Park. The instrument panel cluster display will continue to show the correct transmission gear state, which may not match the gear shift position selected by the driver.

If the parking brake is not applied, this could result in unintended vehicle movement, increasing the risk of injury or crash.

Description of the Cause : The clip that locks the shift cable to the transmission may not have been fully seated during vehicle assembly. The supplier introduced a new production tool on February 7, 2020 that produced clips with increased interference fit to the shifter cable slider, resulting in increased assembly efforts and the potential for the clip to be partially locked.

Identification of Any Warning that can Occur : The instrument panel display position on the cluster will continue to show the correct transmission gear state, which may not match the gear shifter position selected by the driver. This can result in "shifter mismatch", "shifter inoperative", "shifter stuck in park" or "no start" symptoms.

On Ranger vehicles, this condition will also cause an instrument panel warning message and warning chime if the driver moves the shifter to Park and removes the ignition key, while the transmission gear may not be in Park, and the driver's door is opened indicating the vehicle is not secured in Park.

Involved Components :

Component Name 1 : Cable Assy - Selector Lever Control

Component Description : F-150 Cable Assembly

Component Part Number : JL3Z-7E395-K

Component Name 2 : Cable Assy - Selector Lever Control

Component Description : Expedition Cable Assembly

Component Part Number : JL3Z-7E395-J

Component Name 3 : Cable Assy - Selector Lever Control

Component Description : Ranger Cable Assembly

Component Part Number : KB3Z-7E395-B

Supplier Identification :

Component Manufacturer

Name : Kongsberg Automotive

Address : 27275 Haggerty Road
#610 Novi MICHIGAN 48377

Country : United States

Chronology :

March 2020

On March 12, an issue concerning a vehicle that could not move unless shifted to "S" (Sport mode) identified at Michigan Assembly Plant (MAP) was brought to Ford's Critical Concern Review Group (CCRG) for review.

Inspection of the vehicle showed the transmission shift cable lock clip was partially seated. At MAP, a hold on vehicles built was initiated so that secondary inspections could be performed. CCRG requested that a F-150 warranty search be conducted based on shift cable similarities to the Ranger cable. Review of the warranty data identified reports potentially attributed to the transmission adjuster cable clip, with customers reporting either "shifter mismatch", "shifter inoperative", "Shifter stuck in Park" or "no start" symptoms that could be associated with an unseated or partially seated shift lever adjuster locking clip. The supplier then confirmed the F-150 shifter cable for the 10R80 transmission shares a common locking clip with the Ranger, and that locking clips were produced on the same new tool beginning February 7, 2020. It was subsequently determined that Expedition (Police) units also received the same locking clips as the Ranger and the F-150.

On April 1, 2020, 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 have the shift cable locking clip visually inspected and properly seated if necessary. 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 : Dealer technicians will inspect and verify that the shift cable locking clip was properly installed. If the clip is not properly seated, technicians will adjust the shifter cable and secure the locking clip in accordance with the Workshop Manual.

Identify How/When Recall Condition was Corrected in Production : At the time this issue was identified, vehicle assembly plants were in the process of ceasing operation due to the Covid-19 matter. Upon resumption of vehicle production, a verification gauge will be incorporated at the affected assembly plants to ensure that the locking clip is properly seated during production. The supplier's suspect locking clip production tool was removed from service and an approved alternative tool is being brought online.

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on April 03, 2020. Mailing of owner notification letters is expected to begin April 27, 2020 and is expected to be completed by May 01, 2020.

Planned Dealer Notification Date : APR 03, 2020 - APR 03, 2020

Planned Owner Notification Date : APR 27, 2020 - MAY 01, 2020

* NR - Not Reported