

# Part 573 Safety Recall Report

# 19V-903

**Manufacturer Name :** Ford Motor Company

**Submission Date :** DEC 18, 2019

**NHTSA Recall No. :** 19V-903

**Manufacturer Recall No. :** 19S55



## 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 :** 33

**Estimated percentage with defect :** 50 %

## Vehicle Information :

**Vehicle 1 :** 2020-2020 Ford F150

**Vehicle Type :** LIGHT VEHICLES

**Body Style :** ALL

**Power Train :** NR

**Descriptive Information :** Ford's manufacturing team reviewed plant records to determine the population of affected vehicles built with 17 inch spare tires that may have been damaged during assembly.

Ford vehicles are not produced in VIN order and we typically cannot provide VIN specific information. However, in this instance Ford is able to provide the specific VIN list – see attachment VINs.

**Production Dates :** NOV 10, 2019 - NOV 21, 2019

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

## Description of Defect :

**Description of the Defect :** In some of the affected vehicles, the spare tire bead area may have been damaged when it was mounted onto the wheel assembly. Cuts/tears in the bead area can potentially damage the bead wire and lead to bead wire corrosion over time. Bead wire corrosion can cause bead wire separation, resulting in a rapid loss of air pressure and tire detachment from the wheel.

**FMVSS 1 :** NR

**FMVSS 2 :** NR

**Description of the Safety Risk :** Tire bead wire corrosion can lead to bead wire separation, resulting in a rapid loss of air pressure and tire detachment from the wheel, increasing the risk of a crash.

**Description of the Cause :** The tire mounting equipment for the tire/wheel assembly combination was left in an incorrect mounting mode.

**Identification of Any Warning that can Occur :** A loose or cut piece of rubber may be visible in the bead area of the spare tire.

## Supplier Identification :

### Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

## Chronology :

November 2019: On 16-November-2019 the Dearborn Diversified Manufacturing Plant (DDMP) noted a loose piece of rubber on a 17" spare tire assembly. Further investigation revealed the tire was damaged along the tire bead area. DDMP quarantined suspect tire/wheel assemblies within their facility. Traceability information was used to identify potentially affected wheel/tire assemblies that had been shipped to Ford's Dearborn Truck Plant.

CCRG requested an evaluation of the tire damage, including long term reliability if there was damage to the bead area.

On December 11, 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 have the spare tire replaced. 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 remedy tires are mounted to the wheel using a single bead mounting process instead of a double bead mounting process.

Identify How/When Recall Condition was Corrected in Production : The correct tire mounting process was reinstated at DDMP.

**Recall Schedule :**

Description of Recall Schedule : Notification to dealers is expected to occur on December 19, 2019. Mailing of owner notification letters is expected to begin January 13, 2020 and is expected to be completed by January 17, 2020.

Planned Dealer Notification Date : DEC 19, 2019 - DEC 19, 2019

Planned Owner Notification Date : JAN 13, 2020 - JAN 17, 2020

\* NR - Not Reported