

Part 573 Safety Recall Report

19V-629

Manufacturer Name : Ford Motor Company**Submission Date :** AUG 28, 2019**NHTSA Recall No. :** 19V-629**Manufacturer Recall No. :** 19S27**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 : 2,624

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2019-2019 Ford Fiesta

Vehicle Type : LIGHT VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Brake calipers manufactured by ZF were produced using an incorrectly labeled assembly fluid and installed on certain 2019 model year Ford Fiesta vehicles.

Ford's team reviewed supplier process and maintenance records to determine the population of affected parts. The Ford process is capable of tracing brake caliper production to the vehicle in which the brake caliper is installed.

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 : JUL 22, 2019 - AUG 01, 2019

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : The incorrectly labeled assembly lubricant is incompatible with the rubber seals in the brake calipers, which could lead to the seals swelling and a reduction of clearance in the seal groove.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Brake calipers that were exposed to the incorrectly labeled assembly fluid in production may develop a leak, which could eventually result in reduced

braking function or drag, which could potentially lead to the overheating of the brake pads, increasing the risk of a crash.

Description of the Cause : The brake caliper supplier (ZF) received a mislabeled container of assembly lubricant from their Tier 2 supplier (Kluber).

Identification of Any Warning that can Occur : If a fluid leak occurs, a low fluid warning may illuminate in the vehicle.

Supplier Identification :

Component Manufacturer

Name : ZF North America, Inc.
Address : 15811 Centennial Drive
N/A Northville MICHIGAN 48168
Country : United States

Chronology :

July 30, 2019: Tier 1 supplier ZF notified Ford's Cuatitlan Assembly Plant (CSAP) that a mislabeled container of assembly lubricant from Kluber (a Tier 2 supplier) was used in the production of a number of front brake calipers installed on 2019 Fiesta vehicles.

August 1-19, 2019: Ford investigated the impact of the incompatible lubricant on the vehicle's brake system. Testing also showed small amounts of the incompatible lubricant in the brake jounce hoses.

August 21, 2019: Ford's Field Review Committee reviewed the concern and approved a field action.

Ford is not aware of any reports of accidents or injuries 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 dealer to have their brake fluid flushed, and front brake calipers and brake jounce hoses 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 components were manufactured and assembled without the presence of the contaminating lubricant.

Identify How/When Recall Condition was Corrected in Production : Certified stock from ZF was delivered to CSAP on July 31, 2019.

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on August 29, 2019. Mailing of owner notification letters is expected to begin October 7, 2019 and is expected to be completed by October 11, 2019.

Planned Dealer Notification Date : AUG 29, 2019 - AUG 29, 2019

Planned Owner Notification Date : OCT 07, 2019 - OCT 11, 2019

* NR - Not Reported