

Part 573 Safety Recall Report

19E-056

Manufacturer Name : ZF North America, Inc.

Submission Date : AUG 22, 2019

NHTSA Recall No. : 19E-056

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : ZF North America, Inc.

Address : 12001 Tech Center Drive

Livonia MI 48150

Company phone : 7348552600

Population :

Number of potentially involved : 6,377

Estimated percentage with defect : 100 %

Equipment Information :

Brand / Trade 1 : ZF

Model : Brake caliper

Part No. : See attached

Size : NR

Function : NR

Descriptive Information : Brake calipers manufactured by ZF were produced using an incorrectly labeled assembly fluid and supplied to certain vehicle manufacturers that incorporated the calipers into vehicles distributed in the U.S.

The total number of vehicles identified herein is ZF's estimate of the total number of potentially affected vehicles in the field in the U.S., based on available information provided by vehicle manufacturers.

Production Dates : JUL 23, 2019 - JUL 29, 2019

Description of Defect :

Description of the Defect : The incorrectly labeled assembly lubricant is incompatible with rubber seals in the brake calipers, which could lead to 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 : NR

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 : Klüber Lubrication München SE & Co. KG
Address : Geisenhausenerstraße 7
Munich FOREIGN STATES 81379
Country : Germany

Chronology :

On July 29, 2019, ZF was informed that it had been supplied an incorrectly labeled container of assembly fluid by Klüber. ZF stopped production, notified potentially affected customers, and began its investigation. On August 15, 2019, ZF learned that certain customers had distributed vehicles with potentially affected calipers in the field and made the determination to notify NHTSA.

Description of Remedy :

Description of Remedy Program : Vehicle manufacturers will provide for the recall remedy, contact dealers and owners, and submit quarterly recall data reports to NHTSA.

How Remedy Component Differs from Recalled Component : Vehicle manufacturers will provide for the recall remedy, contact dealers and owners, and submit quarterly recall data reports to NHTSA.

Identify How/When Recall Condition was Corrected in Production : Upon learning of the incorrectly labeled assembly fluid, ZF stopped and cleaned affected product lines before reintroducing the correct assembly fluid for ongoing production.

Recall Schedule :

Description of Recall Schedule : Vehicle manufacturers will provide for the recall remedy, contact dealers and owners, and submit quarterly recall data reports to NHTSA.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

Purchaser Information :

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name : Ford Motor Company

Address : One American Road
Dearborn MI 48126

Country : US

Company Phone : NR

Name : FCA US LLC

Address : 800 Chrysler Drive
CIMS 482-00-91 Auburn Hills MI 48326

Country : US

Company Phone : NR

Name : General Motors Co.

Address : 300 Renaissance Center
Detroit MI 48265

Country : US

Company Phone : NR

* NR - Not Reported