



U.S. Department of Transportation
**National Highway Traffic Safety
Administration**

1200 New Jersey Avenue SE
Washington, DC 20590

September 12, 2019

Ms. Natalia Medley
Regulatory Counsel
ZF North America, Inc.
12001 Tech Center Drive
Livonia, MI 48150

NEF-150KL
19E-056

Subject: Brake Calipers May Drag

Dear Ms. Medley:

This letter serves to acknowledge ZF North America, Inc.'s notification to the National Highway Traffic Safety Administration (NHTSA) of a safety recall which will be conducted pursuant to Federal law for the product(s) listed below. Please review the following information to ensure that it conforms to your records as this information is being made available to the public. If the information does not agree with your records, please contact us immediately to discuss your concerns.

Makes/Models/Model Years:

ZF/BRAKE CALIPER/9999

Mfr's Report Date: August 22, 2019

NHTSA Campaign Number: 19E-056

Components:

SERVICE BRAKES, HYDRAULIC:FOUNDATION COMPONENTS:DISC:CALIPER

Potential Number of Units Affected: 6,377

Problem Description:

ZF Group North America, Inc. (ZF) is recalling certain Brake calipers. The brake calipers may be manufactured with the incorrect assembly fluid, which can cause the seals to swell and the brakes to drag.

Consequence:

Brake drag may result in overheating of the brake pads, affecting the braking ability and increasing the risk of a crash.

Remedy:

ZF has notified the affected vehicle manufacturers, and those manufacturers will conduct recalls to remedy the vehicles, free of charge.

Notes:

Owners may also contact the National Highway Traffic Safety Administration Vehicle Safety Hotline at 1-888-327-4236 (TTY 1-800-424-9153), or go to www.safercar.gov.

Please verify the population of this recall filing as it does not match the numbers that the OEMs have filed for.

Please be reminded of the following requirements:

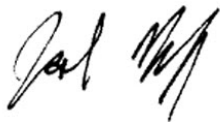
Copies of all notices, bulletins, dealer notifications, and other communications that relate to this recall are required to be submitted to this office no later than 5 days after they are originally sent (if they are sent to more than one manufacturer, distributor, dealer, or purchaser/owner).

Please be reminded that under 49 U.S.C. § 30112(a)(3), it is illegal for a manufacturer, to sell, offer for sale, import, or introduce or deliver into interstate commerce, a motor vehicle or item of motor vehicle equipment that contains a safety defect once the manufacturer has notified NHTSA about that safety defect. This prohibition does not apply once the motor vehicle or motor vehicle equipment has been remedied according to the manufacturer's instructions.

Please communicate whether or not ZF will be submitting quarterly recall completion rates reports for this recall.

Your contact for this recall will be Kristin Lepper who may be reached by phone at 202-366-5227, or by email at kristin.lepper@dot.gov. We look forward to working with you.

Sincerely,

A handwritten signature in black ink, appearing to read "Josh Neff".

Joshua Neff
Chief, Recall Management Division
Office of Defects Investigations
Enforcement