OMB Control No.: 2127-0004

Part 573 Safety Recall Report

19E-058

Manufacturer Name: ZF North America, Inc.

Submission Date: AUG 28, 2019 **NHTSA Recall No.:** 19E-058

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: 614 Estimated percentage with defect: 100 %

Equipment Information:

Brand / Trade 1: Lemförder

Model: Steering Center Rod

Part No.: LF 15789 02

Size: NR Function: NR

Descriptive Information: Steering center rods sold in the independent aftermarket for BMW E39 vehicles

may detach due to an out of specification condition. ZF's investigation is ongoing.

Production Dates: JAN 01, 2018 - MAY 31, 2019

Description of Defect:

Description of the Defect: Affected steering center rods have a ball pin pull force below specification and

may detach from the steering knuckle when installed in vehicles.

FMVSS 1: NR FMVSS 2: NR

Description of the Safety Risk: If the steering rod loses the connection to the steerable wheel knuckle, it

could lead to loss of steering control in the vehicle, increasing the risk of

collision.

Description of the Cause: NR

Identification of Any Warning NR

that can Occur:

Supplier Identification:

Component Manufacturer

Name: AYD SSP S&S

Address: Konya Organize San. Bölg.

İhsandede Caddesi No:7 Selçuklu – Konya FOREIGN STATES

Country: Turkey

Chronology:

In cw 32 and 33 2019, ZF was notified of three steering center rods installed in vehicles that had experienced detachments and began its investigation. On August 19, 2019, ZF made the decision to recall parts based on available information. ZF is not aware of any accidents or injuries associated with this issue. ZF's investigation is ongoing.

Description of Remedy:

Description of Remedy Program: ZF will reimburse its customers for recalled parts based on its existing

warranty return process.

How Remedy Component Differs NR

from Recalled Component:

Identify How/When Recall Condition ZF has suspended use of these parts from its sub-supplier and continues to

was Corrected in Production: investigate.

Recall Schedule:

Description of Recall Schedule: ZF will notify direct customers (distributors) about the recall and will

request that its customers notify additional distributors and end users

(owners) about the recall.

Planned Dealer Notification Date: AUG 28, 2019 - AUG 28, 2019

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: All European Auto Supply, Inc.

Address: 1450 Jarvis

Ferndale MI 48220

Country: US Company Phone: NR Name: Bavarian Autosport

Address: 275 Constitution Avenue

Portsmouth NH 03801

Country: US Company Phone: NR

Name: FCP Euro

Address: 155 Hill Street

Milford CT 06460

Country: US Company Phone: NR

Name: S & J Industries, Inc.

Address: 7041 1/2 Vineland Avenue

North Hollywood CA 91605

Country: US Company Phone: NR

Name: SSF Imported Auto Parts LLC

Address: 466 Forbes Boulevard

South San Francisco CA 94080

Country: US Company Phone: NR

Name: WORLDPAC

Address: 37137 Hickory Street

Newark CA 94560

Country: US Company Phone: NR

^{*} NR - Not Reported