

Part 573 Safety Recall Report**16V-106****Manufacturer Name :** Temsa Global Sanayi Ve Ticaret A.S.**Submission Date :** FEB 19, 2016**NHTSA Recall No. :** 16V-106**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Temsa Global Sanayi Ve Ticaret A.S.

Address : Temsa USA

5840 C South Semoran Blvd Orlando FL 32822

Company phone : 4072718935

Population :

Number of potentially involved : 70

Estimated percentage with defect : 100

Vehicle Information :

Vehicle : 2016-2016 TEMSA TS35C

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Bus with stainless steel monocoque structure

Production Dates : SEP 01, 2015 - JAN 31, 2016

VIN (Vehicle Identification Number) Range

Begin : NLTRPPX70G1000354

End : NLTRPPX73G1000381

 Not sequential VINs

Vehicle : 2016-2016 TEMSA TS 45

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Bus with stainless steel monocoque structure

Production Dates : SEP 01, 2015 - DEC 31, 2015

VIN (Vehicle Identification Number) Range

Begin : NLTEJXX83G1000079

End : NLTEJXX87G1000120

 Not sequential VINs**Description of Defect :**

Description of the Defect : According to the supplier notice, the hot crimping which connects the tube ends with the solid shafts of the control arm joint housings may crack along the crimp crease. Under load the tube then may separate from the shaft. This component is a part of front axle. ZF original documents showing the illustrations will be attached

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : According to the supplier notice a crack or defective shape in the crimp crease significantly reduces the press fit of the tube on the shaft. Under load the tube may separate from the shaft and control of vehicle may become difficult or lost. This results increased risk of crash.

Description of the Cause : Based on the supplier notice, the root cause is under investigation by ZF. ZF informed that the failure occurred after change of tube supplier in June 2015

Identification of Any Warning that can Occur : N/A

Supplier Identification :**Component Manufacturer**

Name : ZF Friedrichshafen AG

Address : Commercial Vehicle Technology

Business Unit Axle and Transmission Syst Passau FOREIGN STATES 94030

Country : Germany

Chronology :

During the regular production test, Temsa detected failure on the ZF RL75 E front axle and informed ZF for inspection.

On February 05, 2016 ZF informed Temsa that there may be a potential quality issue on the ZF front axles of type RL75 E.

Temsa requested more information from ZF and on February 12, 2016 ZF sent a report. In the report it is stated that if there is no crack at the hot crimping of lower control arms, vehicles can stay in operation but parts will be replaced.

This item was directed to the "Safety Committee" and on February 15, 2016 Safety Committee decided to conduct a voluntary safety recall and continue technical communication with ZF.

On February 18, 2016 ZF released the final report. In the final report ZF recommended to stop using vehicles equipped with the affected axles until the control arm have been replaced. Temsa is submitting the notification to NHTSA considering ZF's final report.

To date, no accidents, no injuries, no fatalities have been reported

Description of Remedy :

Description of Remedy Program : Technical service bulletin will be issued by Temsa following ZF instructions and NHTSA will be informed with the service bulletin

How Remedy Component Differs from Recalled Component : N/A

Identify How/When Recall Condition was Corrected in Production : New component will be installed instead of the defected parts. The defected parts

will be replaced with the new ones for the vehicles in the stock. The correction in production is identical with the recall remedy in the field

Recall Schedule :

Description of Recall Schedule : Temsa will send notifications to customers after receiving approval by NHTSA for Temsa's draft customer notification letter. Temsa will inform the distributor.

Planned Dealer Notification Date : FEB 19, 2016 - FEB 19, 2017

Planned Owner Notification Date : FEB 29, 2016 - APR 15, 2017

* NR - Not Reported