Part 573 Safety Recall Report 18V-913

Manufacturer Name : Daimler Trucks North America LLC
Submission Date : DEC 19, 2018
NHTSA Recall No. : 18V-913
Manufacturer Recall No. : FL-802

NHTSA
NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION

Manufacturer Information :

Manufacturer Name : Daimler Trucks North America LLC
Address : 4747 N. Channel Avenue
Portland OR 97217-3849
Company phone : 800-745-8000

Population :

Number of potentially involved : 501
Estimated percentage with defect : NR

Vehicle Information :

Vehicle 1 : 2017-2019 Freightliner 114SD
Vehicle Type :
Body Style :
Power Train : NR
Descriptive Information : Detroit Axles without torque data on steering and tie rod arm bolts
Production Dates : FEB 10, 2017 - JUL 21, 2018
VIN Range 1 : Begin : NR End : NR ☐ Not sequential

Vehicle 2 : 2017-2019 Freigtliner 122SD
Vehicle Type :
Body Style :
Power Train : NR
Descriptive Information : Detroit Axles without torque data on steering and tie rod arm bolts
Production Dates : FEB 10, 2017 - JUL 21, 2018
VIN Range 1 : Begin : NR End : NR ☐ Not sequential

Vehicle 3 : 2017-2019 Freightliner 108SD
Vehicle Type :
Body Style :
Power Train : NR
Descriptive Information : Detroit Axles without torque data on steering and tie rod arm bolts
Production Dates : FEB 10, 2017 - JUL 21, 2018
VIN Range 1 : Begin : NR End : NR ☐ Not sequential

Vehicle 4 : 2017-2019 Freightliner Cascadia
Vehicle Type :
Body Style :
Power Train : NR

Descriptive Information : Detroit Axles without torque data on steering and tie rod arm bolts
Production Dates : FEB 10, 2017 - JUL 21, 2018
VIN Range 1 : Begin : NR End : NR ☐ Not sequential

Vehicle 5 : 2017-2019 Western Star 4700
Vehicle Type :
Body Style :
Power Train : NR
Descriptive Information : Detroit Axles without torque data on steering and tie rod arm bolts
Production Dates : FEB 10, 2017 - JUL 21, 2018
VIN Range 1 : Begin : NR End : NR ☐ Not sequential

Vehicle 6 : 2017-2019 Freightliner Business Class M2
Vehicle Type :
Body Style :
Power Train : NR
Descriptive Information : Detroit Axles without torque data on steering and tie rod arm bolts
Production Dates : FEB 10, 2017 - JUL 21, 2018
VIN Range 1 : Begin : NR End : NR ☐ Not sequential

Vehicle 7 : 2017-2019 Western Star 4900
Vehicle Type :
Body Style :
Power Train : NR
Descriptive Information : Detroit Axles without torque data on steering and tie rod arm bolts
Production Dates : FEB 10, 2017 - JUL 21, 2018
VIN Range 1 : Begin : NR End : NR ☐ Not sequential

Vehicle 8 : 2017-2019 Freightliner Custom Chass XBS Chassis
Vehicle Type :
Body Style :
Power Train : NR
Descriptive Information : Detroit Axles without torque data on steering and tie rod arm bolts
Production Dates : FEB 10, 2017 - JUL 21, 2018
VIN Range 1 : Begin : NR End : NR ☐ Not sequential

Vehicle 9 : 2017-2019 Freightliner Custom Chass XCL Chassis
Vehicle Type :
Body Style :
Power Train : NR
Descriptive Information : Detroit Axles without torque data on steering and tie rod arm bolts
Production Dates : FEB 10, 2017 - JUL 21, 2018

VIN Range 1 : Begin : NR End : NR ☐ Not sequential

Vehicle 10 : 2017-2019 Freightliner Custom Chass XCM Chassis
Vehicle Type :
Body Style :
Power Train : NR
Descriptive Information : Detroit Axles without torque data on steering and tie rod arm bolts
Production Dates : FEB 10, 2017 - JUL 21, 2018
VIN Range 1 : Begin : NR End : NR ☐ Not sequential

Vehicle 11 : 2017-2019 Western Star 5700
Vehicle Type :
Body Style :
Power Train : NR
Descriptive Information : Detroit Axles without torque data on steering and tie rod arm bolts
Production Dates : FEB 10, 2017 - JUL 21, 2018
VIN Range 1 : Begin : NR End : NR ☐ Not sequential

Vehicle 12 : 2017-2019 Freightliner Custom Chass MT45 Chassis
Vehicle Type :
Body Style :
Power Train : NR
Descriptive Information : Detroit Axles without torque data on steering and tie rod arm bolts
Production Dates : FEB 10, 2017 - JUL 21, 2018
VIN Range 1 : Begin : NR End : NR ☐ Not sequential

Vehicle 13 : 2017-2019 Freightliner Custom Chass MT55 Chassis
Vehicle Type :
Body Style :
Power Train : NR
Descriptive Information : Detroit Axles without torque data on steering and tie rod arm bolts
Production Dates : FEB 10, 2017 - JUL 21, 2018
VIN Range 1 : Begin : NR End : NR ☐ Not sequential

Vehicle 14 : 2017-2019 Freightliner Custom Chass S2G
Vehicle Type :
Body Style :
Power Train : NR
Descriptive Information : Detroit Axles without torque data on steering and tie rod arm bolts
Production Dates : FEB 10, 2017 - JUL 21, 2018
VIN Range 1 : Begin : NR End : NR ☐ Not sequential

Vehicle 15 :	2017-2019 Freightliner Custom Chass S2RV
Vehicle Type :	
Body Style :	
Power Train :	NR
Descriptive Information :	Detroit Axles without torque data on steering and tie rod arm bolts
Production Dates :	FEB 10, 2017 - JUL 21, 2018
VIN Range 1 :	Begin : NR End : NR ☐ Not sequential

Vehicle 16 :	2017-2019 Freightliner Custom Chass XCR Chassis
Vehicle Type :	
Body Style :	
Power Train :	NR
Descriptive Information :	Detroit Axles without torque data on steering and tie rod arm bolts
Production Dates :	FEB 10, 2017 - JUL 21, 2018
VIN Range 1 :	Begin : NR End : NR ☐ Not sequential

Vehicle 17 :	2017-2019 Freightliner Custom Chass XCS Chassis
Vehicle Type :	
Body Style :	
Power Train :	NR
Descriptive Information :	Detroit Axles without torque data on steering and tie rod arm bolts
Production Dates :	FEB 10, 2017 - JUL 21, 2018
VIN Range 1 :	Begin : NR End : NR ☐ Not sequential

Description of Defect :

Description of the Defect :	On certain vehicles, the steering and tie rod arm bolts that join the steering and tie rod arm to the knuckle may not have accurate torque specification data. Without torque data, DTNA cannot verify that the bolts are properly torqued to specification.
FMVSS 1 :	NR
FMVSS 2 :	NR
Description of the Safety Risk :	Without verification of torque data on the steer and tie rod arm bolts, it is unclear if the bolts were torqued within specification. Under torqued bolts may lead to a separation of the tie rod arm and disconnect the front wheels of the vehicle. A disconnect of the front wheels can reduce the ability to steer the vehicle, which could increase the risk of a crash.
Description of the Cause :	NR
Identification of Any Warning that can Occur :	NR

Supplier Identification :

Component Manufacturer

Name :	NR
Address :	NR
	NR
Country :	NR

Chronology :

Late January 2018, Daimler Trucks North America (DTNA) Call Center received a report from a customer of a loose tie-rod arm bolt on a vehicle with low mileage. February 2018, DTNA received parts for analysis and found paint on the threads not used in manufacturing indicating repair after vehicle manufacture. DTNA began assessing field data to identify the potential population affected and causes for missing torque data. June 2018, with no additional field claims, DTNA recommended a field service campaign to inspect all vehicles without tie rod arm bolt torque data. November 2018, DTNA released a field inspection campaign and bulletin. December 2018, in coordination and with identification from NHTSA's office of defects investigation DTNA determined that incorrect language was used in the published field report service campaign/bulletin. In an abundance of caution, DTNA decided to initiate a voluntary recall on vehicles with which cannot be verified as receiving production stage torque values on the steering and tie rod arm bolts.

Description of Remedy :

Description of Remedy Program :	Axles will have the steering arm and tie rod arm inspected for correct bolt torque and repaired with new fasteners if necessary. Repairs will be performed by Daimler Trucks North America authorized service facilities. Customer notification will be done by first class mail using Daimler Trucks North America records to determine the customers affected.
How Remedy Component Differs from Recalled Component :	NR
Identify How/When Recall Condition was Corrected in Production :	NR

Recall Schedule :

Description of Recall Schedule :	Customer notification will be made by first class mail using Daimler Trucks North America records to determine the customers affected.
Planned Dealer Notification Date :	FEB 16, 2019 - FEB 16, 2019
Planned Owner Notification Date :	FEB 16, 2019 - FEB 16, 2019

* NR - Not Reported