

Part 573 Safety Recall Report

15V-127

Manufacturer Name : Daimler Trucks North America LLC**Submission Date :** MAY 12, 2016**NHTSA Recall No. :** 15V-127**Manufacturer Recall No. :** FL-679**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 : 45,036

Estimated percentage with defect : 20 %

Vehicle Information :

Vehicle 1 : 2007-2011 Freightliner Cascadia

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Cascadia vehicles without cab mounted drip shield cover over the Signal-detection and Activation Module for the chassis (SAM Chassis).

Production Dates : MAR 26, 2007 - AUG 31, 2010

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Under certain circumstances, vehicles produced prior to production implementation of a cab-mounted drip shield over the SAM Chassis may experience water intrusion and corrosion damage inside the SAM Chassis. This corrosion may cause electrical shorts or intermittent operation of trailer tail lamps, trailer stop lamps, trailer side marker lamps and trailer lighting.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Under certain conditions, intermittent operation of required trailer lamps may provide an inaccurate signal to other drivers which could increase the risk of a crash. Under certain conditions, an electrical short in the Chassis SAM may also cause melting in the SAM or other electrical components which may lead to a vehicle fire.

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 :

In response to approximately 13 litigation matters regarding the SAM Chassis in subject vehicles, in May, 2014, DTNA began an investigation and review of reported SAM Chassis failures that considered several possible sources of water ingress. In July 2014 DTNA concluded that these reports resulted from water entering the SAM Chassis on units where the front cover of the housing had been removed and not properly replaced after service, was incorrectly secured, or other improper maintenance practices. In November 2014 additional supplier warranty return information (257 reports of water ingress) was provided to DTNA indicating further SAM Chassis water intrusion issues. In mid-November of 2014 DTNA began investigating and testing of components for water ingress on units with the cover properly fastened and not impacted by incorrect maintenance practices. This investigation included disassembly and internal inspections of returned units. The investigation and testing determined that even on units with properly mounted front covers, there was the potential for water to enter the SAM Chassis from the back side of the unit which is inside the cab. Following the conclusion of this investigation, end of February of 2015, DTNA decided to initiate a voluntary recall campaign to add a drip shield inside the cab on the subject vehicles that don't currently have drip shields.

Description of Remedy :

Description of Remedy Program : The affected vehicles will be inspected and repaired. The inspection will include an examination of the SAM Chassis for evidence of corrosion and proper drip loop wire routing. SAM Chassis damaged by corrosion will be replaced. A drip shield will be mounted inside the cab, over the SAM chassis on all subject vehicles if not previously installed. Repairs will be performed by Daimler Trucks North America authorized service facilities.

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 : MAY 04, 2015 - MAY 04, 2015

Planned Owner Notification Date : MAY 04, 2015 - MAY 04, 2015

* NR - Not Reported