



U.S. Department
of Transportation

**National Highway
Traffic Safety
Administration**

ODI RESUME

Investigation: RQ 17-008
Date Opened: 09/18/2017
Investigator: Xiaoming Tan
Approver: Stephen Ridella
Subject: 16V-143 scope

Reviewer: Kara Fischer

MANUFACTURER & PRODUCT INFORMATION

Manufacturer: Daimler Trucks North America LLC
Products: 2014-2016 Freightliner Cascadia
Population: 1,954 (Estimated)

Problem Description: Auxiliary electrical temperature management units may overheat due to high resistance, resulting in possible fires.

FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	0	TBD	TBD
Crashes/Fires:	0	TBD	TBD
Injury Incidents:	0	TBD	TBD
Number of Injuries:	0	TBD	TBD
Fatality Incidents:	0	TBD	TBD
Number of Fatalities:	0	TBD	TBD
Other*:	0	3	TBD

***Description of Other:** 3 - 2016Q3 EWR field reports identifying 9 - 2014 Cascadia trucks with thermal events

ACTION / SUMMARY INFORMATION

Action: A Recall Query has been opened.

Summary:

On February 26, 2016 Bergstrom Inc. filed recall 16E-017 for 10,819 ParkSmart auxiliary electrical temperature management units installed on Freightliner Cascadia Class 8 trucks that may overheat due to high resistance, resulting in possible fires. One of the contributing factors which led to this recall was a plastic vented cap covering the compressor connectors allowing increased flow of air to the overheated connectors, which increased the risk of a fire. ParkSmart units equipped with non-vented caps, according to Bergstrom, were not affected. Bergstrom only supplied these ParkSmart units to Daimler Trucks North America (DTNA).

On March 7, 2016, DTNA submitted recall 16V-143 where 8,865 ParkSmart units installed on certain model year 2015-2016 Cascadia sleeper cab trucks were identified as being defective with a potential risk of fire.

ODI reviewed 2016Q3 field reports submitted by DTNA, and identified 9 model year 2014 Cascadia trucks which had experienced thermal events but were outside the scope of the DTNA recall. Pictures of the damaged ParkSmart units on the 2014 MY trucks suggest these trucks used the same ParkSmart units as described in recall 16V-143.

This Recall Query is being opened to determine why the number of vehicles recalled by DTNA was different than the number of units sold to them and recalled by Bergstrom and if any of the 1,954 ParkSmart units not covered by the DTNA recall ended up on 2014 MY trucks.