

Part 573 Safety Recall Report

16V-872

Manufacturer Name : PACCAR Incorporated

Submission Date : NOV 29, 2016

NHTSA Recall No. : 16V-872

Manufacturer Recall No. : 816-F



Manufacturer Information :

Population :

Manufacturer Name : PACCAR Incorporated

Number of potentially involved : 2,046

Address : 777 106TH AVENUE NORTHEAST

Estimated percentage with defect : NR

BELLEVUE WA 98004

Company phone : 999-999-9999

Vehicle Information :

Vehicle 1 : 2017-2017 Peterbilt model 325, 330, 337, 348, 365, 367, 386, 389 and 587

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Stop lamps fail to illuminate

Production Dates : APR 20, 2016 - JUN 13, 2016

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Noncompliance :

Description of the Noncompliance : Stop lamps fail to light up when the service brakes are applied.

FMVSS 1 : 108 - Lamps, reflective devices, and assoc. Equipment

FMVSS 2 : NR

Description of the Safety Risk : If the stop lamp switch fails during the application of the service brakes then the brake lights on both the vehicle and trailer will not illuminate, thus increasing the possibility of a rear end collision.

Description of the Cause : The fault was traced to the stop lamp switch located in the main cab harness. The stop lamp switch contains a bad weld of the internal contacts. The electrical contact may detach from the internal steel plate. When the service brakes are applied the switch fails to complete the circuit and the stop lamps are not activated. The switch is supplied by PKC as a subcomponent of the main cab harness. PKC's tier 2 supplier is Haldex, the manufacturer of the switch.

Identification of Any Warning that can Occur : NR

Supplier Identification :

Component Manufacturer

Name : Haldex

Address : 10930 N. Pomona Ave.
Kansas City MISSOURI 64153

Country : United States

Chronology :

6/3/16 – Denton plant reported a Model 587 with nonfunctioning stop lamps. The defect was traced to the stop lamp switch in the main cab harness.

6/8/16 – The main cab harness supplier, PKC, began an investigation of the stop lamp switches in their plant to identify suspect switches. PKC contacted Haldex, the manufacturer of the switch, to determine the root cause of the failures.

6/9/16 – Peterbilt Safety and Compliance was notified by PACCAR Supplier Quality of the defect in the stop lamp switch.

6/14/16 – Initiated daily teleconferences with Peterbilt, PKC and Haldex on the defective stop lamp switches.

6/15/16 – The defect was determined to be related to a bad weld of the electrical contact inside the switch. The contact could detach from the metal plate and would not complete the electrical circuit to activate the brake lights. Haldex ultimately identified their date codes 1056, 1026, 0821, 1386 and 1456 to be suspect. Both Denton plant and the Ste. T. plant began identifying vehicles with suspect switches.

6/27/16 – Engineering requested PKC to identify the number of switches that have not been located by PKC and Haldex.

7/5/16 – Denton and Ste.T plants identified the clean points for each plant.

8/8/16 – A chassis list with Frame sequence and Cab sequence numbers identified was obtained and the chassis list was filtered.

8/12/16 – Engineering contacted PKC to identify how the trucks were inspected in their plant sweep and to confirm the suspect date codes from Haldex.

8/15/16 – Confirmed that the suspect date codes supplied by Haldex are 1056, 1026, 0821, 1386 and 1456.

8/26/16 – During a teleconference with Haldex they indicated they believed the failures were infant mortality and were reviewing test requirements to prove that no faulty switches should have made it through the truck manufacturing process.

11/3/16 - The vibration test completed and no parts failed.

11/28/16 - PB Safety Committee decided a safety related defect and noncompliance existed.

Description of Remedy :

Description of Remedy Program : The remedy will consist of inspecting the affected population of trucks and replacing any 08-01760 stop lamp switches with a suspect date code.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : Notifications to dealers and owners will take place within 60 days
Planned Dealer Notification Date : NR - NR
Planned Owner Notification Date : NR - NR

* NR - Not Reported