

Part 573 Safety Recall Report**14V-716****Manufacturer Name :** PACCAR Incorporated**Submission Date :** JAN 02,2015**NHTSA Recall No. :** 14V-716**Manufacturer Recall No. :** 14KWN and 1114J**Manufacturer Information :**

Manufacturer Name : PACCAR Incorporated

Address : 777 106TH AVENUE NORTHEAST
BELLEVUE WA 98004

Company phone : 999-999-9999

Population :

Number of potentially involved : 101

Estimated percentage with defect : 100

Vehicle Information :

Vehicle : 2015-2015 Kenworth K270

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Defective Meritor WABCO parking brake quick release valve with double check
may cause air leak and reduced pressure delivery to spring brakes.

Production Dates : FEB 04, 2014 - OCT 10, 2014

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

☐ Not sequential VINs

Vehicle : 2015-2015 Kenworth K370

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Defective Meritor WABCO parking brake quick release valve with double check
may cause air leak and reduced pressure delivery to spring brakes.

Production Dates : FEB 04, 2014 - OCT 10, 2014

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

☐ Not sequential VINs

Vehicle : 2014-2015 Peterbilt 220

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Defective Meritor WABCO parking brake quick release valve with double check
may cause air leak and reduced pressure delivery to spring brakes.

Production Dates : DEC 05, 2013 -OCT 10, 2014

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

☐ Not sequential VINs

Description of Defect :

Description of the Defect : Meritor WABCO has notified PACCAR that certain Meritor WABCO quick release valves with double check (QRDC), part number 473 505 003 0, identified with date codes between 1813 through 1614, could have a potentially defective valve seat. A manufacturing defect resulting in a sharp edge on the valve seat ribs may damage the rubber diaphragm in the valve over time causing air leaks through the diaphragm.

During normal vehicle operation, when the park brakes are released the QRDC valve supplies air pressure to compress the spring in the brake chambers and release the parking/emergency spring brakes. This quick release valve is normally subject to full system air pressure. The diaphragm seals the exhaust port to hold off the parking brake spring.

If the air volume leaking through the damaged diaphragm exceeds the capacity of the air compressor to maintain system pressure, vehicle braking performance could be diminished and/or the vehicle parking/emergency brakes will gradually reapply as the force of the spring slowly overcomes the opposing force created by system air pressure.

Description of the Safety Risk : Unless remedied, the condition could result in diminished performance of the vehicle's braking system, increasing the risk of a vehicle crash. In addition, partially applied or "dragging" brakes may generate enough heat to increase the risk of a fire.

Description of the Cause : During the component manufacturing process, according to Meritor WABCO, sharp edges and flash on valve seat ribs were produced from a single cavity tool and were not properly removed during manual deflash operation.

Identification of Any Warning that can Occur : Higher QRDC leakage can be detected by drivers as an audible leak when the parking brake is released. Leakage can also be manifested by prolonged or frequent air compressor time. Commercial vehicles are equipped with air pressure dash gauges and low pressure warning indicators and most include park brake warning indicators.

Supplier Identification :

Component Manufacturer

Name : Meritor WABCO

Address : 2135 West Maple Road
Troy MICHIGAN 48084

Country : United States

Chronology :

October 17, 2014 – Meritor WABCO notified Kenworth and Peterbilt of concerns related to this part. Kenworth and Peterbilt initiated containment activity at the factories.

October 20-24, 2014 – Analysis of the possible impacts on the Kenworth and Peterbilt air system was completed.

October 24, 2014 – Meritor WABCO notified PACCAR they had determined that a defect related to motor vehicle safety existed in the suspect QRDC valves.

October 29, 2014 - Kenworth and Peterbilt determined that a safety-related defect existed with respect to vehicles that contain defective QRDC valves.

Description of Remedy :

Description of Remedy Program : Kenworth and Peterbilt will notify customers who may have trucks containing suspect QRDC valves. Dealers will remove suspect valves and replace them with new, non-defective valves free of charge.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : Suspect parts in PACCAR inventory have been replaced with new valves.

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported