

Part 573 Safety Recall Report**14V-747****Manufacturer Name :** Spartan Motors, Inc.**Submission Date :** NOV 21,2014**NHTSA Recall No. :** 14V-747**Manufacturer Recall No. :** 14021**Manufacturer Information :**

Manufacturer Name : Spartan Motors, Inc.

Address : 1541 Reynolds Road

Charlotte MI 48813

Company phone : 517-543-6400

Population :

Number of potentially involved : 1,059

Estimated percentage with defect : 93

Vehicle Information :

Vehicle : 2013-2015 Spartan Motors Chassis DR, Gladiator, K2, K3, MetroStar, MM, NVS

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Product models include emergency response chassis cabs, motor home chassis, and a drill rig chassis cab that are equipped with Wabco's Quick Release valve with Double Check, part number 473 505 003 0 identified with date codes between 1813 through 1614.

Production Dates : DEC 14, 2011 - OCT 21, 2014

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs

Description of Defect :

Description of the Defect : Chassis cabs or chassis equipped with 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 installed. Sharp edges on valve seat ribs may damage the rubber diaphragm in the valve over time causing leakage levels through the diaphragm in excess of permissible specifications. This increase in leakage levels could exceed the capacity of the compressor and reduce pressure in the air tanks. The increased QRDC valve leakage and reduced air pressure levels could eventually progress to the point that vehicle braking performance could be degraded or parking/emergency brakes could begin to reapply.

Description of the Safety Risk : If this condition is not detected and normal warnings are not heeded, it could eventually affect the performance of the vehicle's braking system, increasing the risk of a vehicle crash.

Description of the Cause : Meritor Wabco indicated the cause is of the leaking valve is from sharp edges and flash on valve seat ribs were produced from a single cavity tool and not properly removed during manual deflash operation.

Identification of Any Warning that can Occur : Loss of air pressure could be detected by the air gauges, a visual and audible low air warning. It could also be detected by a hissing sound if the park brake is released.

Supplier Identification :**Component Manufacturer**

Name : Meritor Wabco

Address : 2135 West Maple Road
Troy MICHIGAN 48084

Country : United States

Chronology :

NR

Description of Remedy :

Description of Remedy Program : Vehicles equipped with suspect valves will be inspected. If a valve is found within the identified date range, the valve will be replaced free of charge.

How Remedy Component Differs from Recalled Component : Suspect QRDC valves are identified with date codes between 1813 through 1614 (week 16 of 2014). Replacement QRDC valves have a date code of 1714 (week 17 of 2014) and higher.

Identify How/When Recall Condition was Corrected in Production : On, or near, October 23, 2014 inventory was purged of suspect valves. See Meritor Wabco's defect information report for more information.

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : DEC 19, 2014 - DEC 19, 2014

Planned Owner Notification Date : JAN 20, 2015 - JAN 20, 2015

* NR - Not Reported