

Part 573 Safety Recall Report**15V-111****Manufacturer Name :** McNeilus Truck & Manufacturing, Inc.**Submission Date :** FEB 23,2015**NHTSA Recall No. :** 15V-111**Manufacturer Recall No. :** VSR-TSB-009**Manufacturer Information :**

Manufacturer Name : McNeilus Truck & Manufacturing, Inc.

Address : 524 County Road 34 East

Dodge Center MN 55927

Company phone : 507-374-6321

Population :

Number of potentially involved : 536

Estimated percentage with defect : 100

Vehicle Information :

Vehicle : 2005-2014 McNeilus Concrete Bridgemaster V Mixer

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : DIESEL

Descriptive Information : McNeilus Concrete Bridgemaster V Mixers built with an optional parking brake system on the liftable trailing axle produced between October 2005 and December 2014.

Production Dates : OCT 01, 2005 - DEC 31, 2014

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs**Description of Defect :**

Description of the Defect : Vehicles fitted with an optional Bridgemaster parking brake system were built with a valve that fails to comply with FMVSS 121 Section 5.7.2 Emergency Brake System Operation because it will allow the secondary pressure to fall below the required 45 psi after one treadle application in a simulated bleed down test. The recall population consists of units built with the optional parking brake system on the trailing liftable axle. The result is that these vehicles fail to comply with FMVSS 121 Air Brake Systems.

Description of the Safety Risk : If the primary braking system were to fail, the emergency brake system may not achieve the level of performance required by FMVSS 121.

Description of the Cause : The units as built do not have the proper check valve installed to achieve the required performance of the air emergency brake system.

Identification of Any Warning that can Occur : None

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

FOREIGN STATES

Country : NR

Chronology :

Dec 2014 On 12/29/2014 a customer notified McNeilus of results of a Delivery Inspection test they performed on a newly delivered unit which appeared to fail the FMVSS 121 emergency parking brake test.

Jan 2015 McNeilus first believed the issue to be a Peterbilt chassis OEM problem with the chassis OEM braking system.

After further analysis and testing, McNeilus determined the root cause to be our parking brake system valve that is installed as an option on some Bridgemaster V concrete mixers with a trailing liftable axle. With further testing McNeilus found that the addition of a check valve would prevent the system from depleting the air pressure too quickly in a simulated bleed down test of the chassis emergency braking system. McNeilus is not aware of any accidents or injuries that may have been as a result of this non-compliance. The customer had 56 trucks that McNeilus installed the added check valve on-site by our customer service department.

Feb 2015 Upon review of the full results of the investigation & testing, McNeilus executive management made a determination on 2/16/15 that the subject vehicle population (536 additional field units) does not comply with FMVSS 121 and declared a recall to remedy the issue.

Description of Remedy :

Description of Remedy Program : The remedy consists of the installation of a check valve which brings the units into full compliance with FMVSS 121 Air Brake Systems.

Owners will be reimbursed for inspection and labor costs by submitting a request to McNeilus.

The notification mailing will include the Owner Notification Letter and a technical service bulletin that includes detailed instructions on how to repair affected units.

How Remedy Component Differs from Recalled Component : The remedy has a check valve installed. The recalled system has no check valve.

Identify How/When Recall Condition was Corrected in Production : The optional parking brake system is not available for customers to order until the design changes are implemented into production. We expect to have the design changes implemented into production by March 16, 2015.

Recall Schedule :

Description of Recall Schedule : Notifications to customers will begin March 3, 2015 via first class mail.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : MAR 03, 2015 - MAR 03, 2015

* NR - Not Reported