

Part 573 Safety Recall Report

17V-361

Manufacturer Name : McNeilus Truck & Manufacturing, Inc.

Submission Date : JUN 02, 2017

NHTSA Recall No. : 17V-361

Manufacturer Recall No. : N/A



Manufacturer Information :

Population :

Manufacturer Name : McNeilus Truck & Manufacturing, Inc.

Number of potentially involved : 9

Address : 524 County Road 34 East

Estimated percentage with defect : 100 %

P.O. Box 70 Dodge Center MN 55927

Company phone : 507-374-6321

Vehicle Information :

Vehicle 1 : 2016-2017 McNeilus Bridgemaster V

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : DIESEL

Descriptive Information : McNeilus Concrete Mixer Bridgemaster V trucks equipped with both FLEX Controls and an optional broadband backup alarm may fail to alarm when the truck has been in reverse for an extended period of time.

Production Dates : DEC 02, 2016 - MAR 27, 2017

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : McNeilus has identified that some Concrete Mixer Bridgemaster V trucks equipped with both FLEX Controls and an optional broadband backup alarm may stop emitting the alarm sound if the truck has been in reverse for an extended period of time.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the backup alarm stops emitting the alarm sound when the truck is still in reverse, others in the area may not be alerted that the truck is backing up and could result in personal injury, if in the path of the truck. A functioning backup alarm is an OSHA requirement for most construction sites. McNeilus is not aware of any accidents or injuries caused by this issue.

Description of the Cause : The optional broadband backup alarm draws more power than a standard backup alarm on the truck's electrical system. After an extended period of time the controller's FET (Field Effect Transistor) that controls the alarm will shut off because of the higher current draw.

Identification of Any Warning N/A
that can Occur :

Supplier Identification :

Component Manufacturer

Name : NR
Address : NR
NR
Country : NR

Chronology :

April 2017 On 4/11, a McNeilus customer called Customer Service and complained that the FLEX controls reverse camera display screen was shutting off and the vehicle backup alarm was shutting off. After some analysis it was determined the failure was due to an optional broadband backup alarm that was installed on this unit. It was determined the cause was related to increased amperage used by the optional broadband backup alarm, as compared to the standard backup alarm. The service technician added a relay into the system and it fixed the problem. Operations implemented the added relay into production on 4/12.

May 2017 On 5/22, Engineering conducted a test that confirms the alarm failure only occurs on Bridgmaster mixers and does not occur on Standard RD mixers. Upon further review by company leadership, it was decided that a safety-related defect existed and to declare a recall to remedy the issue on all affected units on 5/25/2017.

Description of Remedy :

Description of Remedy Program : The remedy consists of adding a relay into the electrical circuit for the backup alarm signal. The relay will supply dedicated power to handle the current level of the optional alarm.

The nine affected vehicles are at two customers. The procedure was already performed on 3 trucks at the first customer who experienced this issue, with no charge to the customer by McNeilus Service technicians. Four of the remaining 6 trucks at the 2nd customer are completed and the remaining two are scheduled for completion by McNeilus Service technicians. The customer will have no charge for this repair.

How Remedy Component Differs from Recalled Component : The remedied trucks have a relay added into the electrical circuit.

Identify How/When Recall Condition was Corrected in Production : On 4/12/2017 the added relay was implemented into production. Vehicles with exit factory dates after 4/12/2017 will have the added relay. There were no units built with this option between 3/27/2017 and 4/12/2017.

Recall Schedule :

Description of Recall Schedule : The nine units are located with two customers. One customer's repairs have been completed and the second customer's repairs are scheduled and underway. There is no need for a customer notification letter.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported