

**Part 573 Safety Recall Report****15V-536****Manufacturer Name :** McNeilus Truck & Manufacturing, Inc.**Submission Date :** AUG 20,2015**NHTSA Recall No. :** 15V-536**Manufacturer Recall No. :** VSR-TSB-008**Manufacturer Information :**

Manufacturer Name : McNeilus Truck &amp; Manufacturing, Inc.

Address : 524 County Road 34 East

Dodge Center MN 55927

Company phone : 507-374-6321

**Population :**

Number of potentially involved : 809

Estimated percentage with defect : 100

**Vehicle Information :**

Vehicle : 2010-2015 McNeilus McNeilus ZR Side Loader vehicles (Model 48)

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : ALL

Power Train : DIESEL

Descriptive Information : McNeilus Zero Radius (ZR) refuse trucks with an air activated transit arm latch can become disengaged.

Production Dates : JAN 01, 2010 - APR 10, 2015

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

 Not sequential VINs**Description of Defect :**

Description of the Defect : McNeilus Zero Radius (ZR) refuse trucks were built with an air actuated transit arm latch that is intended to be latched during transit to prevent the automated arm from drifting out of the stored transit position in the case of a hydraulic system failure. The arm is used to pick up & empty refuse containers into the truck hopper. Over time the transit arm latch that was installed on these trucks can loosen and with repeated bouncing of the arm due to uneven road surfaces, can cause the transit arm latch to unintentionally release. The recall population consists of units built with this air actuated transit arm latch design.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If a hydraulic system failure were to occur and the latch unintentionally released, the arm could drift away from the stored position, exceeding the overall vehicle truck width which could result in a vehicle crash or injury.

Description of the Cause : The air actuated transit arm latch does not provide sufficient engagement to ensure it will stay latched when the arm bounces on uneven road surfaces.

Identification of Any Warning that can Occur : Under normal circumstances the arm will set off a visual and

audible alarm in the operator's cab warning the driver that the arm has left the stored transit position if the vehicle is moving faster than 7 mph.

**Supplier Identification :****Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

**Chronology :**

Sept 2014 McNeilus was notified of a non-injury accident where the arm drifted out into slow traffic and damaged three other vehicles. The unit was a Wittke brand conversion unit fitted with a McNeilus ZR arm which was being driven to a service branch for repairs when the incident occurred. Upon investigation, it was determined that the transit arm latch had unintentionally become unlatched. Due to several repairs needed on the truck, the alarm which would normally activate to notify the driver that the arm was away from the transit position, did not activate.

Dec 2014 McNeilus learned of another incident that occurred back in Jan 2014 in which the transit arm latch had unintentionally unlatched. There was no damage to other property or injuries reported with this incident.

Jan-April 2015 Reviews of warranty claims indicated that other transit arm latches had failed to perform properly. A mechanical transit arm chain lock was developed which could contain the arm in the case of a hydraulic lock failure. The mechanical chain lock is used on other McNeilus side loader models. Mechanical chain locks were added to all ZR production units as of 4/10/15.

August 2015 Upon review of the full results of the investigation & testing, McNeilus executive management made a determination on 8/14/15 that a safety-related defect existed in the subject population and declared a recall to remedy the issue.

**Description of Remedy :**

Description of Remedy Program : The remedy consists of a chain-style transit arm latch that can be latched when the vehicle is in transit (i.e. when not picking up trash or recyclables on route). The chain latch, similar to those used on other models of refuse trucks with automated arms, will prevent the arm from drifting out beyond the overall width of the truck if a hydraulic system failure were to occur.

The transit arm chain latch will be installed by the customer's own service technicians at no cost to the customer. The customer may file a warranty claim to McNeilus for reimbursement of parts & labor.

How Remedy Component Differs from Recalled Component : Remedied trucks will have a chain-style transit arm latch installed. Non-remedied trucks will have only the air-actuated transit arm latch.

Identify How/When Recall Condition was Corrected in Production : On 4/10/2015 McNeilus began installing the chain-style transit arm latch on all ZR arms in production. Any existing arm inventory in the plant or in after-market parts inventory were reworked before products were shipped to customers.

**Recall Schedule :**

Description of Recall Schedule : Notifications to customers will be made via a customer letter. The 577 customer letter will be mailed pending NHTSA approval.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : SEP 14, 2015 - SEP 14, 2015

\* NR - Not Reported