

Part 573 Safety Recall Report

19V-462

Manufacturer Name : Caterpillar Inc.**Submission Date :** AUG 02, 2019**NHTSA Recall No. :** 19V-462**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Caterpillar Inc.

Address : 100 N.E. Adams Street

Peoria IL 61629-7150

Company phone : 309-494-3319

Population :

Number of potentially involved : 6

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2015-2019 Progress Rail Services 75HRT SkyTrim Hi-Rail Mobile Unit

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : 2-DOOR

Power Train : DIESEL

Descriptive Information : Progress Rail has produced six 75HRT Sky Trim units. These units are capable of trimming vegetation from both roads and rails via the use of a boom and blade mounted on a deck on top of the truck bed.

Production Dates : AUG 01, 2015 - APR 30, 2019

VIN Range 1 : Begin : 5KKHAVCY9FLGX5398 End : 5KKHAVCY9FLGX5398 Not sequentialVIN Range 2 : Begin : 5KKHAVCY5HLJA3112 End : 5KKHAVCY7HLJA3113 Not sequentialVIN Range 3 : Begin : 5KKHAVCYXHLJF1897 End : 5KKHAVCYXHLJF1897 Not sequentialVIN Range 4 : Begin : 5KKHAVFEOKLKN7479 End : 5KKHAVFE7KLKN7480 Not sequential**Description of Defect :**

Description of the Defect : Six vehicles were built and sold with a deck, cab, boom, and cutter to clear vegetation. The original design of the boom cradle includes a support plate whose placement may obscure visibility of certain drivers. Additionally, the slew may lack sufficient controls to prevent the boom from leaving the cradle during vehicle operation.

The subject population comprises all six units built and placed into service with the original boom deck and cradle design.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In some circumstances a vehicle driver may not be able to see the end of the boom that overhangs the front of the vehicle which may complicate the driver's ability to accurately calculate stopping distances. Additionally, the boom can potentially drift out of the cradle during driving. These conditions

can result in a crash without warning.
Neither risk has manifested in the field. Progress Rail is aware of no field reports, incidents, claims, lawsuits, or injuries.

Description of the Cause : Both conditions referenced appear thus far to be functions of the Sky Trim's design.

Identification of Any Warning that can Occur : NR

Supplier Identification :

Component Manufacturer

Name : Progress Rail Services Corp.
Address : 10650 Highway 80 East
Montgomery ALABAMA 36117
Country : United States

Chronology :

In February 2019, engineering staff developed a draft service bulletin to address potential improvements for the 75HRT SkyTrim on-highway vehicles. In June 2019, Progress Rail engineers brought the bulletin and issues identified therein to the attention of the company's senior product safety and compliance function to review potential product improvements and assess vehicle conformity with regulatory requirements. Per this review, Progress Rail promptly determined that the driver visibility, the boom drift circumstances, and vehicle operating instructions justified reporting and corrective action in concert with NHTSA reporting.

Description of Remedy :

Description of Remedy Program : Progress Rail is prepared to take action to move the boom cradle on the six existing in-service units to provide the operator a clear line of sight as well as revise the boom hydraulic circuit to eliminate the possibility of slew rotation or extension while in the nested position in the boom cradle. Progress Rail service personnel will travel to the customer sites to access all six impacted vehicles to perform the required work on site at Progress Rail's expense.

How Remedy Component Differs from Recalled Component : The boom cradle will move from the front of the deck frame to another location further back; the boom hydraulic circuit will be revised to eliminate the possibility of slew rotation or extension/retraction while in the nested position.

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : Subject to NHTSA input, Progress Rail plans to issue notifications to customers regarding the proposed changes in or about the week of July 15th via phone calls to ascertain customer equipment locations. Once customer equipment is located and each customer has agreed upon a date for service, Progress Rail will travel to the customer site to complete the required work. Once customer equipment is located, Progress Rail hopes and expect to be able to complete work on site within 90 days.

Planned Dealer Notification Date : AUG 12, 2019 - AUG 12, 2019

Planned Owner Notification Date : AUG 12, 2019 - AUG 12, 2019

* NR - Not Reported