

Part 573 Safety Recall Report

17V-102

Manufacturer Name : Prevost Cars, Inc.

Submission Date : FEB 22, 2017

NHTSA Recall No. : 17V-102

Manufacturer Recall No. : SR17-05



Manufacturer Information :

Manufacturer Name : Prevost Cars, Inc.

Address : 35 Boulevard Gagnon
Ste-Claire, Quebec- Canada 00 G0R
2V0

Company phone : 999

Population :

Number of potentially involved : 71

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2017-2017 Prevost H3-45 and X3-45

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Certain 2017 H3-45 and X3-45 model vehicles manufactured from June 28, 2016 through November 8, 2016 with axles forged from a certain lot of material.

Production Dates : JUN 28, 2016 - NOV 08, 2016

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : The steering arm lever was forged using incorrect material; material cut to the wrong size. As a result, stress fissures may occur during the forging process, which may manifest as a crack. A crack in the finished component, the steering arm lever, could cause the component to prematurely fail.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the steering arm lever fails, the vehicle could lose steering, increasing the risk of a crash.

Prevost has received no reports of steering arm lever failures. Therefore, Prevost considers this as a proactive measure to protect the public and our customers from the potential risk associated with this defect.

Description of the Cause : Incorrectly sized material used during forging process.

Identification of Any Warning that can Occur : There are no warnings to the driver.

Supplier Identification :**Component Manufacturer**

Name : Dana Automocion SA
Address : Poligono Landaben Calle E
Pamplona FOREIGN STATES 31012
Country : Spain

Chronology :

01/17/17 Prevost production finds steering lever with crack. Part is removed from the axle and shipped to the laboratory for testing. Stop delivery is launched.

01/18/17 Prevost Regulatory department made aware of issue from Product Engineer. Investigation is opened

01/20/17 Inspection procedures reviewed with the supplier. Root cause analysis is not yet determined. All parts are inspected.

01/26/17 Second steering lever, from the same lot code, found with material crack.

01/31/17 Metallurgical results from two steering levers show the first crack initiated during heat treatment process and the second initiated during the forging process.

02/06/17 Prevost reports potential issue to the Volvo Group North America's Regulatory Affairs department.

02/10/17 Product Safety Committee determines a safety-related defect exists.

02/15/17 Safety -related defect report submitted to NHTSA

Description of Remedy :

Description of Remedy Program :	The remedy component conforms to the design specifications, Pre-notification repairs will be addressed on a case by case basis through our General Reimbursement Plan on file with the U.S. Government.
How Remedy Component Differs from Recalled Component :	The steering lever arm complies with the design requirements.
Identify How/When Recall Condition was Corrected in Production :	January 17, 2017

Recall Schedule :

Description of Recall Schedule : Owner Notification will occur by April 14, 2017

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : APR 14, 2017 - APR 14, 2017

* NR - Not Reported