

Part 573 Safety Recall Report

20V-616

Manufacturer Name : REV Ambulance Group Orlando, Inc.

Submission Date : NOV 02, 2020

NHTSA Recall No. : 20V-616

Manufacturer Recall No. : NR



Manufacturer Information :

Population :

Manufacturer Name : REV Ambulance Group Orlando, Inc.

Address : 2737 N. Forsyth Road

Winter Park FL 32792

Company phone : 800-628-8178

Number of potentially involved : 11

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2019-2019 Road Rescue Type I Ambulance

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Material for certain rotary latches and cable brackets did not meet quality specification.

Production Dates : JAN 01, 2019 - OCT 31, 2019

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 2 : 2019-2019 Ford E450

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Material for certain rotary latches and cable brackets did not meet quality specification.

Production Dates : JAN 01, 2019 - DEC 31, 2019

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 3 : 2019-2019 Ford F450

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Material for certain rotary latches and cable brackets did not meet quality specification.

Production Dates : JAN 01, 2019 - DEC 31, 2019

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 4 : 2019-2019 RAM 4500

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Material for certain rotary latches and cable brackets did not meet quality specification.

Production Dates : JAN 01, 2019 -DEC 31, 2019

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : Incorrect material was provided by TriMark's steel supplier for the Trip Levers (P/Ns 24303-02/24306-02/26750-02/26751-02) used in Rotary Latches (P/Ns 24301-02/24302-02/26756-02/26757-02) and Cable Bracket (P/N 36221-01). On 2 different occasions (April 2020 and June 2020), TriMark incorrectly received commercial type B low carbon steel (CS-B) material instead of high-strength low-alloy steel (HSLA 50) material.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The CS-B material may not have sufficient strength to withstand the loads exerted through the Rotary Latch during the door release functions causing loss of travel and inability to open the door, potentially causing a lock-in or lock-out situation.

Description of the Cause : Due to an incorrect material supplied with reduced yield strength, the Trip Lever can fatigue, potentially causing loss of door function.

Identification of Any Warning that can Occur : Over time, if not replaced, the trip lever can permanently deform, causing loss of travel and inability to open the personnel door restricting ingress/egress.

Involved Components :

Component Name 1 : Rotary Latch

Component Description : Door release latch-Left Hand

Component Part Number : 24301-02.

Component Name 2 : Rotary Latch

Component Description : Door release latch-Right Hand

Component Part Number : 24302-02.

Component Name 3 : Rotary Latches

Component Description : Door release latch-Left Hand

Component Part Number : 26756-02.

Component Name 4 : Rotary Latch

Component Description : Door release latch-Right Hand

Component Part Number : 26757-02.

Component Name 5 : Cable Bracket

Component Description : High Handle Inside Release

Component Part Number : 36221

Supplier Identification :

Component Manufacturer

Name : TriMark Corporation

Address : 500 Bailey Ave

New Hampton 50659

Country : NR

Chronology :

On September 15, 2020, TriMark discovered that the Steel Supplier incorrectly shipped commercial steel type B low carbon (CS-B) material instead of high-strength low-alloy steel (HSLA 50) material on 2 different occasions (April 2020 and June 2020). TriMark immediately launched an investigation into the different applications and determined that the Trip Levers (P/Ns 24303-02/24306-02/26750-02/26751-02) on the Rotary Latches (P/Ns 24301-02/24302-02/26756-02/26757-02) and Cable Bracket (P/N 36221-01) could fatigue over time causing loss of travel and lack of function. On 9/21/2020, TriMark determined that a recall is appropriate to remedy the issue. On 9/23/2020, REV Orlando was contacted regarding the material non-conformity and given the recommendation to recall the suspect Rotary Latches and Cable Brackets.

Description of Remedy :

Description of Remedy Program : All potentially affected vehicles will be recalled and the suspect Rotary Latches and Cable Brackets will be replaced at no charge to the vehicle owner.

How Remedy Component Differs from Recalled Component : The material used in the remedy component is stronger than the recalled component.

Identify How/When Recall Condition was Corrected in Production : On 09/28/2020 REV Ambulance Group Orlando, Inc. had a visit by one of TriMark's representative. Alongside our director of engineering, they were able to identify the vehicles carrying the defective components. All defective components were removed and replaced with the remedy components.

Recall Schedule :

Description of Recall Schedule : REV Orlando will send notifications in November.

Planned Dealer Notification Date : NOV 01, 2020 - NOV 15, 2020

Planned Owner Notification Date : NOV 16, 2020 - NOV 30, 2020

* NR - Not Reported