

# Part 573 Safety Recall Report

# 20E-015

**Manufacturer Name :** Carrier Corporation

**Submission Date :** MAR 20, 2020

**NHTSA Recall No. :** 20E-015

**Manufacturer Recall No. :** R-968



## Manufacturer Information :

**Manufacturer Name :** Carrier Corporation

**Address :** P.O. Box 4805

Carrier Parkway, TR-20 Syracuse NY  
13221

**Company phone :** 315-432-3572

## Population :

**Number of potentially involved :** 28

**Estimated percentage with defect :** 100 %

## Equipment Information :

**Brand / Trade 1 :** Carrier Transicold

**Model :** Vector 8611MT

**Part No. :** N/A

**Size :** N/A

**Function :** Refrigeration

**Descriptive Information :** The Vector 8611MT trailer refrigeration unit (the "affected TRU") is sold by Carrier Corporation's Carrier Transicold Division ("Carrier") and is designed and used to maintain the temperature of frozen and/or chilled products during on-road trailer transport. The affected TRU uses a diesel engine and a generator to provide power to its cooling system and includes components that separate the trailer lengthwise so that each half may be used to transport products at different frozen and/or chilled temperatures.

**Production Dates :** MAY 01, 2019 - FEB 11, 2020

## Description of Defect :

**Description of the Defect :** The affected TRU's generator harness is routed in a manner that it may come into contact with a chassis bolt and the affected TRU's generator.

**FMVSS 1 :** NR

**FMVSS 2 :** NR

**Description of the Safety Risk :** The affected TRU's generator harness is routed in a manner that it may come into contact with and chafe against a chassis bolt and/or the affected TRU's generator. This chafing can, under certain conditions, damage the harness and lead to electrical arcing and possibly a fire.

**Description of the Cause :** The affected TRU's generator harness is not routed in a manner that keeps it sufficiently tight and away from contact with a chassis bolt and the affected TRU's generator.

Identification of Any Warning that can Occur : Visual inspection will show the wear or damage to affected TRU generator harness.

## Involved Components :

Component Name : NR

Component Description : NR

Component Part Number : NR

## Supplier Identification :

### Component Manufacturer

Name : N/A

Address : NR

NR

Country : NR

## Chronology :

On February 11, 2020 a production line inspection showed that the affected TRU's generator harness was routed in a manner that it may come into contact with a chassis bolt and the affected TRU's generator. As a result shipments of affected TRUs were put on hold on February 11, 2020 and Carrier immediately began a careful analysis of the affected TRU's design. On March 13, 2020 Carrier determined that the issue presented a potential safety-related defect reportable to NHTSA under Part 573. Five (5) business days later, on March 20, 2020, Carrier filed its 573 Defect and Non-Compliance Report.

## Description of Remedy :

Description of Remedy Program : Carrier will ask all end user customers to have their affected TRUs inspected by an authorized Carrier dealer. The dealer will, at no cost to end user customers, inspect and reroute and secure the generator harness within the affected TRU.

How Remedy Component Differs from Recalled Component : Carrier Transicold is modifying the affected TRUs (Vector 8611MT) in the field to better route and secure the generator harness within the affected TRU.

**Identify How/When Recall Condition was Corrected in Production :** All affected TRUs shipped on and after February 17, 2020 have the generator harness better routed and secured within the TRU as part of the manufacturing process.

### Recall Schedule :

**Description of Recall Schedule :** On or about April 20, 2020, Carrier plans to send notice of the inspection and field retrofit plan for affected TRUs via email to all of its authorized dealers located in the U.S., and plans to send notice of the inspection and field retrofit plan for affected TRUs via U.S. Mail to all known end user customers located in the U.S.

**Planned Dealer Notification Date :** APR 20, 2020 - APR 20, 2020

**Planned Owner Notification Date :** APR 20, 2020 - APR 20, 2020

### Purchaser Information :

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

**Name :** NR

**Address :** NR

NR

**Country :** NR

**Company Phone :** NR

\* NR - Not Reported