

Part 573 Safety Recall Report

19E-006

Manufacturer Name : Carrier Corporation**Submission Date :** JAN 23, 2019**NHTSA Recall No. :** 19E-006**Manufacturer Recall No. :** R-964**Manufacturer Information :****Manufacturer Name :** Carrier Corporation**Address :** P.O. Box 4805Carrier Parkway, TR-20 Syracuse NY
13221**Company phone :** 315-432-3572**Population :****Number of potentially involved :** 3,855**Estimated percentage with defect :** 100 %**Equipment Information :****Brand / Trade 1 :** ComfortPro**Model :** 210STA, PC6112**Part No. :** N/A**Size :** N/A**Function :** Standalone APU

Descriptive Information : The "ComfortPro" model 210STA standalone auxiliary power unit, formerly known as model PC6112 (together, the "affected APU"), is currently sold by Carrier Corporation's Carrier Transicold Division ("Carrier") and is designed and used to provide comfort heating and cooling and power to operate household-type appliances within a tractor trailer's living/sleeping compartment. The affected APU has been manufactured by Carrier since November 2017 and was previously manufactured by IMPCO, a division of Westport Fuel Systems, Inc. ("Westport") between June 2012 and October 2017. In April 2017, Carrier acquired substantially all of the assets of Westport's IMPCO APU business. The population was determined by using the original start date of production (6/1/2012) and the date the issue was corrected in the manufacturing process to include the GFCI connector (12/2/2018).

Production Dates : JUN 01, 2012 - DEC 02, 2018**Description of Defect :****Description of the Defect :** The affected APUs make use of a second power supply harness that is not protected by a ground fault circuit interrupter ("GFCI") connector.**FMVSS 1 :** NR**FMVSS 2 :** NR**Description of the Safety Risk :** Without the use of a GFCI connector, there is a potential for an electrical short to occur which could put an individual operator/technician at risk of electric

shock. For this risk to be observed the affected APUs' second power supply harness would need to be compromised or damaged during use and then the individual would need to touch or otherwise come into contact with the damaged harness.

Description of the Cause : The affected APUs make use of a second power supply harness that is not protected by a GFCI connector.

Identification of Any Warning that can Occur : None

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

On November 2, 2018 a Carrier team working on a routine review of product operation and service instructions noticed that the affected APU made use of a second power supply harness not protected by a GFCI and raised the concern to the Carrier product safety organization. Carrier then immediately began a careful analysis of the affected APU's design, as well as its intended and other possible uses. On January 15, 2019 Carrier determined that the issue presented a potential safety-related defect reportable to NHTSA under Part 573. Five (5) business days later, on January 23, 2019, Carrier filed its 573 Defect and Non-Compliance Report.

Description of Remedy :

Description of Remedy Program : Carrier Transicold will ask all end user customers to have their affected APUs inspected by an authorized Carrier Transicold dealer as soon as possible. The dealer will add a GFCI connector to their affected APUs' second power supply harness. The inspection and addition of the GFCI connector are projected to take 0.5 hours and will be completed at no cost to the end user customer.

How Remedy Component Differs from Recalled Component : Carrier Transicold is modifying the affected APU to add a GFCI connector; the original design of the affected APU (models 210STA and PC61112) did not include a GFCI connector.

Identify How/When Recall Condition was Corrected in Production : All affected APUs manufactured after December 2, 2018 include a GFCI connector.

Recall Schedule :

Description of Recall Schedule : On or before February 25, 2019, Carrier Transicold plans to send notice of the inspection and field retrofit of the affected APUs via email to all of its authorized dealers located in the U.S., and plans to send notice of the inspection and field retrofit of all affected APUs via U.S. Mail to all known end user customers located in the U.S.

Planned Dealer Notification Date : FEB 25, 2019 - FEB 25, 2019

Planned Owner Notification Date : FEB 25, 2019 - FEB 25, 2019

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