

# Part 573 Safety Recall Report

# 23V-632

**Manufacturer Name :** Kentucky Trailer Manufacturing**Submission Date :** SEP 12, 2023**NHTSA Recall No. :** 23V-632**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Kentucky Trailer Manufacturing

Address : 7201 LOGISTICS DRIVE

LOUISVILLE KY 40258

Company phone : 502-637-2551

**Population :**

Number of potentially involved : 3

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2019-2023 Kentucky Trailer (KTSV) XL-12

Vehicle Type : TRAILERS

Body Style : OTHER

Power Train : NR

**Descriptive Information :** Each of the products/trailers that are subject to the recall were manufactured with an installed Carrier Transicold Supra 950/950MT/960 Series refrigeration unit. No other products/trailers were manufactured with an installed Carrier Transicold ("Carrier") Supra 950/950MT/960 Series refrigeration unit. There are a total of three (3) affected products/trailers.

Production Dates : OCT 12, 2020 - APR 13, 2023

VIN Range 1 : Begin : 1KKVD5326KL243257 End : 1KKVF5325PL253379  Not sequential**Description of Defect :**

**Description of the Defect :** The Supra 950/950MT/960 Series refrigeration unit (that is installed in the trailer) has the potential for the centrifugal clutch (which transmits mechanical torque from the diesel engine to the drivetrain to allow rotation through belts of the compressor, standby motor, and alternator) to fail to deliver the required torque, causing overheating of the clutch assembly and eventually leading to sever clutch failure. This situation could lead to the clutch breaking apart, and hot pieces falling onto nearby flammable material and/or igniting the clutch belt, which could propagate a flame and result in a fire.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** Potential for overheating of the clutch assembly and eventually leading to sever clutch failure. This situation could lead to the clutch breaking apart, and hot pieces falling onto nearby flammable material and/or igniting the clutch belt, which could propagate a flame and result in a fire.

**Description of the Cause :** Potential failure of the Supra 950/950MT/960 Series refrigeration unit's centrifugal clutch (which transmits mechanical torque from the diesel engine to the drivetrain to allow rotation through belts of the compressor, standby motor, and alternator) to deliver the required torque, causing overheating of the clutch assembly and eventually leading to sever clutch failure.

**Identification of Any Warning that can Occur :** When the alternator starts to fail to provide a certain level of volts as a consequence of impending clutch failure, and before overheating and total clutch failure, an alarm is triggered both audibly and visually in the cab that should alert the user of a problem. If the alarm has not been disabled, it will shut down the unit before the overheating progresses to the point of failure.

## Involved Components :

**Component Name 1 :** Carrier Transicold Supra 950/950MT/960

**Component Description :** Refrigeration Unit

**Component Part Number :** NR

## Supplier Identification :

### Component Manufacturer

**Name :** Carrier Transicold

**Address :** 13995 Pasteur Blvd  
Palm Beach Gardens Florida 33418

**Country :** United States

## Chronology :

Kentucky Trailer received notice of the Carrier Transicold safety recall on August 14, 2023. Kentucky Trailer conducted an internal investigation in an effort to ascertain information regarding possible effected/impacted products/trailers. Kentucky Trailer determined that three (3) trailers were manufactured with an installed Carrier Transicold ("Carrier") Supra 950/950MT/960 Series refrigeration unit and determined it was appropriate to issue a safety recall.

## Description of Remedy :

Description of Remedy Program : Carrier will arrange to have all truck refrigeration units inspected and repaired at no charge. This process will include (1) inspecting the powertrain and checking the condition of the belt drive components; (2) inspecting the unit for leaves/flammable debris and removing as required; (3) enabling the CNF16 alarm Alt Aux shutdown configuration; (4) replacing the unit bottom panel with a panel of different construction, and (5) installing a metal bracket at the engine plate. It is estimated that these inspections and repairs will take approximately 1.8 hours. In the event an owner has previously completed the repair work and such work was not covered by the manufacturer's warranty, or they were otherwise were obligated to pay for such work, they may contact the Carrier Transicold Action Line at (800) 448-1661 to make arrangements for reimbursement.

How Remedy Component Differs from Recalled Component : The remedy component will ensure that the centrifugal clutch delivers the required torque to prevent overheating and eventual clutch failure.

Identify How/When Recall Condition was Corrected in Production : Carrier Transicold Supra 950/950MT/960 refrigeration units were not (and will not be) installed in other trailers.

## Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

\* NR - Not Reported