

Part 573 Safety Recall Report

22V-851

Manufacturer Name : Coach and Equipment Mfg. Corp.**Submission Date :** NOV 18, 2022**NHTSA Recall No. :** 22V-851**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Coach and Equipment Mfg. Corp.

Address : 130 Horizon Park Drive

Penn Yan NY 14527

Company phone : 1-800-724-8464

Population :

Number of potentially involved : 353

Estimated percentage with defect : 52 %

Vehicle Information :

Vehicle 1 : 2016-2023 Coach and Equipment Phoenix

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : CNG/LPG

Descriptive Information : Roush Cleantech Gen 4 and Gen 5 LPG fuel conversion kits were installed on the concerned vehicles which were operated in the Salt Belt states.

Production Dates : JAN 01, 2016 - MAR 31, 2023

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Some zinc-plated carbon steel fuel return line fittings on Gen 4 and Gen 5 Roush CleanTech LPG fuel conversion kits installed on vehicles operated in Salt Belt states have exhibited galvanic-reaction-caused corrosion where the stainless-steel crimp collar on the fuel return line contacts the zinc-plated carbon steel fitting, if the zinc plating has been compromised by road debris pecking. If this occurs there is risk that the fuel fine fitting could corrode to the point where LPG fuel will leak,

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the fuel return line leaks it could increase the risk of fire.

Description of the Cause : Galvanic reaction can occur in Salt Belt states road conditions (i.e., combination of road debris pecking on the zinc plated carbon steel fitting, and road salt and moisture from snow / ice / water.) This galvanic reaction can create the potential for compromised zinc plating to corrode the carbon steel LPG fuel return line fittings where the stainless-steel crimp collar contacts the fitting.

Identification of Any Warning It may be possible to observe a significant amount of red rust on the fuel return that can Occur : line connector fitting prior to any leak.

Involved Components :

Component Name 1 : 1/4" Fuel Return Line

Component Description : Fuel return line assembly that includes a zinc-plated carbon steel fitting and stainless-steel crimp collar.

Component Part Number : N/A

Supplier Identification :

Component Manufacturer

Name : Roush CleanTech, LLC

Address : 12170 Globe Street
Lovonia Michigan 48150

Country : United States

Chronology :

We initially received a letter from Roush CleanTech on 8/1/2022 and an email on 10/27/2022 from the NHTSA. These communications explained the safety defect.

Description of Remedy :

Description of Remedy Program : The newly designed fuel return line (the remedy part) is not expected to be available from Roush CleanTech until the end of the first quarter of 2023. Once these parts are available the end users are to contact Roush CleanTech to schedule repairs. The end users must contact Roush Cleantech at 1-800-59-ROUSH or Support @ ROUSHCleanTech.com to make arrangements for parts and repair at an authorized repair center. All parts and material will be supplied by Roush, and Roush will cover all labor costs.

How Remedy Component Differs from Recalled Component : A newly designed 1/4" fuel return line

Identify How/When Recall Condition was Corrected in Production : Roush CleanTech incorporated an interim fix, which covered the fuel return line with wrap and loom. This was cut in their production during December 2021, but the fuel return lines will still need to be replaced on any units with the interim fix that are operated in the Salt Belt states.

Recall Schedule :

Description of Recall Schedule : Letters will be sent to the concerned dealers and owners once the letters have been approved by NHTSA.

Planned Dealer Notification Date : DEC 19, 2022 - DEC 20, 2022

Planned Owner Notification Date : DEC 19, 2022 - DEC 20, 2022

* NR - Not Reported