



U.S. Department
of Transportation
**National Highway
Traffic Safety
Administration**

1200 New Jersey Avenue SE
Washington, DC 20590

December 21, 2010

MR. MARK E. COLGLAZIER
CARRIAGE INCORPORATED
P.O. BOX 246
MILLERSBURG, IN 46543

NVS-215dgl
10V-626

SUBJECT: REFRIGERATORS/POSSIBLE FIRE/NORCOLD

DEAR MR. COLGLAZIER:

This letter serves to acknowledge Carriage Incorporated's notification to the National Highway Traffic Safety Administration (NHTSA) of a defect in the vehicles listed below for which a safety recall campaign will be conducted pursuant to Federal law.

Please review the following information to ensure that it conforms to your records as this information is being made available to the public. If the information does not agree with your records, please contact us immediately to discuss your concerns.

Makes/Models/Model Years:

CARRIAGE/C-FORCE/2006-2008
CARRIAGE/CAMEO/2005-2011
CARRIAGE/CARRI-LITE/2001-2011
CARRIAGE/CARRIAGE/1997-1999
CARRIAGE/CARRIAGE/2002-2008
CARRIAGE/CARRIAGE LS/2001-2002
CARRIAGE/ROYALS/1997-1999
CARRIAGE/ROYALS/2002-2004
CARRIAGE/ROYALS/2006-2011

NHTSA Campaign Number: 10V-626

Mfg's Report Date: December 8, 2010

Components: EQUIPMENT RECREATIONAL VEHICLE

Potential Number of Units Affected: 2,360

Summary:

CARRIAGE IS RECALLING CERTAIN FIFTH WHEEL TRAILERS EQUIPPED WITH 1200-SERIES NORCOLD REFRIGERATORS. THE POPULATION OF REFRIGERATORS BEING ADDRESSED CONTAINS EITHER A SENSING ALGORITHM OR THERMAL SWITCH TO SHUT OFF POWER TO THE REFRIGERATOR WHEN HIGH TEMPERATURES ARE DETECTED IN ORDER TO PREVENT A POTENTIAL FIRE. THE RESPONSE TIMES OF THE SENSOR ALGORITHM AND THERMAL SWITCH DEVICES TO STOP POWER ARE NOT SUFFICIENT.

Consequence:

THE SENSING ALGORITHM OR THERMAL SWITCH INSTALLED TO SHUT OFF POWER TO THE REFRIGERATOR WHEN HIGH TEMPERATURES ARE DETECTED DUE TO A POSSIBLE HYDROGEN GAS LEAK MAY NOT SHUT OFF IN SUFFICIENT TIME TO PREVENT A FIRE.

Remedy:

CARRIAGE IS WORKING WITH NORCOLD TO IDENTIFY AND NOTIFY ANY AFFECTED OWNERS. OWNERS WILL BE INSTRUCTED TO CONTACT NORCOLD DEALERS TO RECEIVE THE REMEDY FREE OF CHARGE. PLEASE SEE NORCOLD'S DEFECT REPORT 10E-049 FOR ADDITIONAL INFORMATION. THE MANUFACTURER HAS NOT YET PROVIDED AN OWNER NOTIFICATION SCHEDULE. OWNERS MAY CONTACT NORCOLD AT 1-800-767-9101.

Notes:

CUSTOMERS MAY CONTACT THE NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION'S VEHICLE SAFETY HOTLINE AT 1-888-327-4236 (TTY: 1-800-424-9153); OR GO TO [HTTP://WWW.SAFERCAR.GOV](http://www.safercar.gov).

The information in your defect report appears to satisfy the requirements of 49 CFR 573.6.

Please provide the following additional information and be reminded of the following requirements:

You are required to provide an estimated date including month, day, and year, when you will send notifications to owners, dealers, and distributors as soon as it becomes available.

Notification to owners as required by 49 CFR Part 577 must be sent by the vehicle manufacturer(s). Therefore, you are required to submit a draft owner notification letter to this office no less than five days prior to mailing it to the customers. Copies of all notices, bulletins, dealer notifications, and other communications that relate to this recall, including a copy of the final owner notification letter and any subsequent owner follow-up notification letter(s), are required to be submitted to this office no later than 5 days after they are originally sent (if they are sent to more than one manufacturer, distributor, dealer, or purchaser/owner).

As stated in your report, Norcold will be handling the owner notification, remedy, and quarterly reporting for this campaign. However, please be advised that 49 CFR 573.6 provides that the vehicle manufacturer is responsible for any safety related defect or any noncompliance in the vehicle or any item of original equipment. If Norcold's campaign is not satisfactory, you may be required to conduct a follow-up notification.

Your contact for this recall will be Delia Lopez who may be reached by phone at 202-366-9525, or by email at Delia.lopez@dot.gov, or through the office email at RMD.ODI@dot.gov. We look forward to working with you toward a successful completion of this recall campaign.

Sincerely,

A handwritten signature in black ink, appearing to read "Jennifer Timian". The signature is fluid and cursive, with a long horizontal stroke at the end.

Jennifer Timian
Chief, Recall Management Division
Office of Defects Investigation
Enforcement