

05 V-500
(10 pages)

Safety Defect and Noncompliance Report Guide for Vehicles
PART 573 Defect and Noncompliance Report¹

On October 13, 2005, Keystone RV Company determined that a defect which relates to motor vehicle safety exits in the motor vehicles listed below, and is furnishing notification to the National Highway Traffic Safety Administration in accordance with **49 CFR Part 573 Defect and Noncompliance Reports**.

Date this report was prepared: October 25, 2005

Furnish the manufacturer's identification code for this recall (if applicable): 05-061

1. Identify the full corporate name of the fabricating manufacturer of the vehicle being recalled. If the recalled vehicle is imported, provide the name and mailing address of the designated agent as prescribed by 49 U.S.C. §30164.

Keystone RV Company

Identify the corporate official, by name and title, whom the agency should contact with respect to this recall.

Garett Carolus, Dealer Parts & Service Manager, Keystone RV Company Customer Service

Telephone Number: 574-537-3925 Fax No.: 866-273-1451

Name and Title of Person who prepared this report:

Rick Deisler, Customer Service Manager



¹Each manufacturer must furnish a report, to the Associate Administrator for Safety Assurance, for each defect or noncompliance condition which relates to motor vehicle safety.

This guide was developed from 49 CFR Part 573, "Defect and Noncompliance Reports" and also outlines information currently requested. Any questions, please consult the complete Part 573 or contact Mr. Jon White at (202) 366-5227 or by FAX at (202) 366-7882.

I. Identify the Vehicle Models Involved in the Recall

2. Identify the Vehicles Involved in the Recall, for each make and model or applicable vehicle line (provide illustrations or photographs as necessary to describe the vehicle), provide:

Make(s): Laredo Model Years Involved: 2006 Model(s): All

Production Dates: Beginning: July 12, 2005 Ending: September 23, 2005

VIN Range: Beginning: 4YDF28R276J462224 Ending: 4YDF29R226J463156

Vehicle Type: Recreational Vehicle Bodystyle: Travel Trailer/Fifth Wheel

Descriptive information which characterizes/distinguishes the recalled vehicles from those model vehicles not included in the recall:

On certain affected Laredo units, the wiring from the battery circuit breakers was inadvertently wired on the unprotected side of the circuit breaker. On Laredo units that are not affected, the wiring from the battery circuit breakers are wired on the protected side of the circuit breaker.

Identify the approximate percentage of the production of all the recalled models manufactured by your company between the inclusive dates of manufacture provided above, that the recalled model population represents. For example, if the recall involved Widgets equipped with certain items of equipment from January 1, 1996 through April 1, 1997, then what was the percentage of the recalled Widgets of all Widgets manufactured during that time period.

100%

II. Identify the Recall Population

3. Furnish the total number of vehicles recalled potentially containing the defect or noncompliance.

<u>Model</u>	<u>Year</u>	<u>Number of Vehicles Potentially Involved</u>
Laredo	2006	764

Total Number Potentially Affected by the Recall:

764

4. Furnish the approximate percentage of the total number of vehicles estimated to actually contain the defect or noncompliance: 100%

Identify and describe how the recall population was determined--in particular how the recalled models were selected and the basis for the beginning and final dates of manufacture of the recalled vehicles:

The recall population was determined by investigating assembly procedures for the Laredo battery circuit breakers. Keystone determined that the circuit breakers were inadvertently wired improperly due to an employee error. The hire date of the employee which was wiring the Laredo products incorrectly was the date selected or the beginning production date and the date the wiring was corrected in production was the date selected as the end date for the recalled units. Keystone also examined Laredo units manufactured prior to the employee's date of hire and determined that those units were wired correctly.

III. Describe the Defect or Noncompliance

5. Describe the defect or noncompliance. The description should address the nature and physical location of the defect or noncompliance. Illustrations should be provided as appropriate.

On certain affected Laredo units, wiring from the battery circuit breakers is wired on the unprotected side of the circuit breaker. On Laredo units that are not affected, the wiring from the battery circuit breakers are wired on the protected side of the circuit breaker.

Describe the cause(s) of the defect or noncompliance condition.

The battery wire may be wired to the unprotected side of a circuit breaker.

Describe the consequence(s) of the defect or noncompliance condition.

Should the battery wire become direct shorted to ground, it is not protected by the circuit breaker and the wire could become hot, melt and possibly result in a fire.

Identify any warning which can (a) precede or (b) occur.

None

If the defect or noncompliance is in a component or assembly purchased from a supplier, identify the supplier by corporate name and address.

Identify the name and title of the chief executive officer or knowledgeable representative of the supplier:

IV. Provide the Chronology in Determining the Defect/Noncompliance

If the recall is for a defect, complete item 6, otherwise item 7.

6. With respect to a defect, furnish a chronological summary (including dates) of all the principle events that were the basis for the determination of the defect. The summary should include, but not be limited to, the number of reports, accidents, injuries, fatalities, and warranty claims.

7. With respect to a noncompliance, identify and provide the test results or other data (in chronological order and including dates) on which the noncompliance was determined.

September 21, 2005, Keystone received notification of a fire from dealer on a Laredo unit. 9/23/2005-Keystone completed a fire investigation which revealed the above referenced incorrect wiring condition. There were no injuries reported. Laredo unit shipments were then put on hold, corrections to units off-line but still in inventory were then made. 9/23-10/25-Keystone conducted additional investigations to verify the VIN range based on employee length of time employed completing this job on-line. Keystone also surveyed Dealer stock units built prior to Employee's hire date to determine if the same defect existed. File 573.

V. Identify the Remedy

8. Furnish a description of the manufacturer's remedy for the defect or noncompliance. Clearly describe the differences between the recall condition and the remedy.

Unhook battery wire and move it from the unprotected side of the circuit breaker to the protected side of the circuit breaker.

Clearly describe the distinguishing characteristics of the remedy component/assembly versus the recalled component/assembly.

The battery wire is wired to the protected side of the circuit breaker versus the unprotected side of the circuit breaker.

Identify and describe how and when the recall condition was corrected in production. If the production remedy was identical to the recall remedy in the field, so state. If the product was discontinued, so state.

See answers to items 6 and 7 above. The production remedy was identical to the recall remedy.

VI. Identify the Recall Schedule

Furnish a schedule or agenda (with specific dates) for notification to other manufacturers, dealers/retailers, and purchasers. Please, identify any foreseeable problems with implementing the recall.

Notification is planned to begin November 7, 2005 to dealers and November 10, 2005 to retail customers pending response from NHTSA.

VII. Furnish Recall Communications

9. Furnish a final copy of all notices, bulletins, and other communications that relate directly to the defect or noncompliance and which are sent to more than one manufacturer, distributor, or purchaser. This includes all communications (including both original and follow-up) concerning this recall from the time your company determines the defect or noncompliance condition on, not just the initial notification. *A DRAFT copy of the notification documents should be submitted to this office by Fax (202-366-7882) for review prior to mailing.*

Note that these documents are to be submitted separately from those provided in accordance with Part 573.8 requirements.

Keystone RV Company

10/11/05

SERVICE ADVISORY # 05-061

Laredo Battery Compartment Wiring

2nd DRAFT STATUS

Models Included: 2006 Laredo Travel Trailers and Fifth Wheels

Serial Number Range: 4YDF28R276J462224 - 4YDF29R226J463156

Wires in the battery compartment from the circuit breakers may be wired to the unprotected side of the circuit breaker. This creates a potential fire hazard should the wire become shorted.

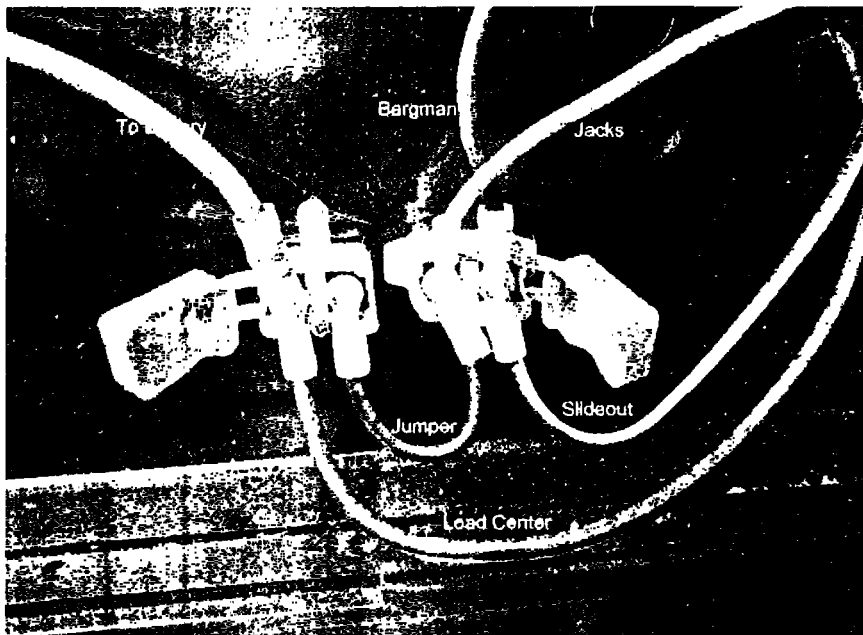
Parts Required: None

Tools Required: 3/8" Nut driver or wrench

Inspection:

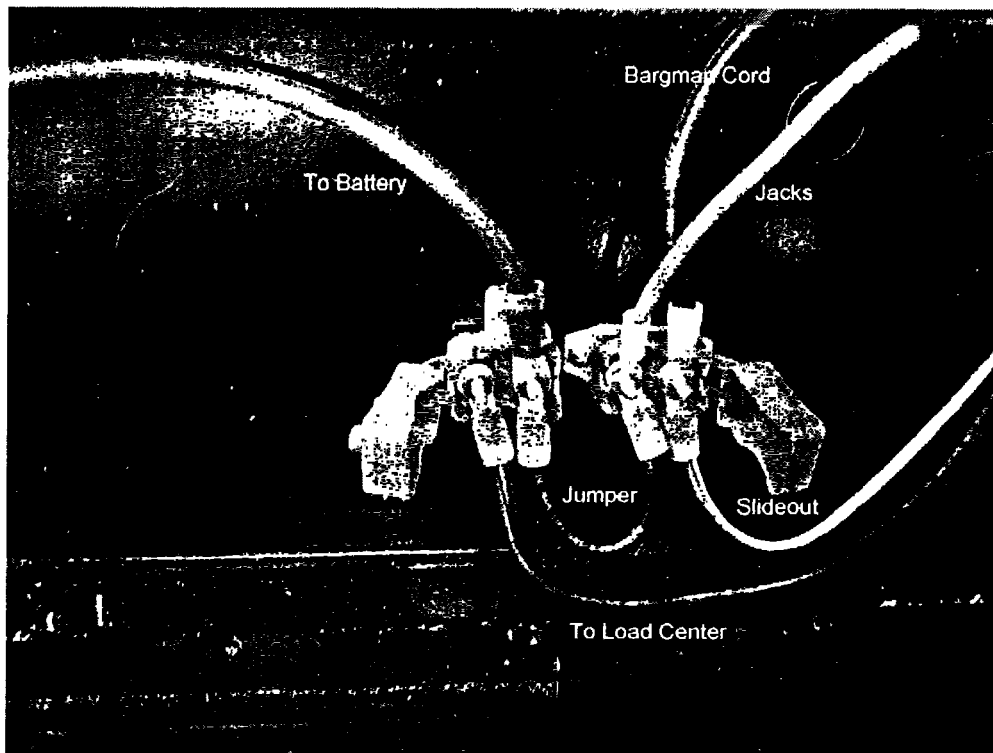
Step 1: If the circuit breaker wire connections look like the picture below then a change needs to be made. Note that the Battery wire is located so that the Load Center wire is unprotected by the 30 amp circuit breaker.

Note: Check carefully to make sure that no wires leading out from these breakers are attached to the same terminal as the battery wire or the battery jumper wire with the exception of the jack wire that has its own fuse.



Corrective Action:

- Step 1: Before doing this repair disconnect the battery and the power cord.
- Step 2: Using a nut driver or wrench, disconnect the battery wire and move to post shown in picture below. Reinstalling the wire as shown so the load center will be protected by the 30 amp circuit breaker.



- Step 3: Make sure connections are tight on both posts.
- Step 4: Reconnect battery and/or power cord. Repair complete.

Time allotted for completing this advisory is 0.5 hours.

Submit labor expense on a Keystone Warranty claim form with the **Service Bulletin # 05-061** and **flat rate code # 7106142A** noted in the customer complaint section of the form.

If you have any questions please call our Customer Service facility at (866) 273-1456.



**Keystone RV
Company**

RECREATIONAL VEHICLE RECALL NOTIFICATION

October 31, 2005

RE: Safety Recall: 05V-???
Service Advisory: 05-061

Dear Mr. & Mrs. Keystone Owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

REASON FOR THIS RECALL

Keystone RV Company has determined that a defect which relates to motor vehicle safety exists with the installation of the 12-Volt battery compartment wiring in certain 2006 Laredo Travel Trailers and Fifth Wheels manufactured between July 12, 2005 and September 23, 2005. The last 6 digits of the Vehicle Identification Numbers (VIN) of the potentially affected units are:

2005 Laredo VIN's: 462224-463156

Our records indicate your Laredo falls within this range, which may require immediate preventative action.

WHAT KEYSTONE RV WILL DO

Keystone representatives have been in contact with the staff at your selling dealership regarding this situation. They stand ready to assist in addressing this condition by rewiring the 12-Volt battery compartment wiring.

At your earliest convenience, please make an appointment to have your Laredo serviced by your dealership. The unit will need to be at the dealer to perform this service correction for approximately one (1) day.

Your dealer is best equipped to obtain parts and provide service to ensure that your Laredo is corrected as promptly as possible. If, however, you take your Laredo to your dealer on the agreed service date, and they do not remedy the condition within a reasonable amount of time, please contact Keystone Customer Service by calling 1-866-425-4369.

WARNING! Your prompt attention to this recall is required as the continued use of the Keystone RV without having this preventative action could lead to a fire.

We regret any inconvenience this action may cause you. As we are sure you will appreciate, the safety of our customers and the quality of our products are of the utmost importance to us.

Should you have any questions or concerns regarding this correspondence, please feel free to contact one of our Customer Service Representatives at 1-866-425-4369. If your dealer fails or is unable to remedy this defect without charge and within a reasonable time period, you may also submit a written complaint to:

**Administrator
National Highway Traffic Safety Administration
400 Seventh Street SW
Washington DC, 20590**

You may call the toll-free Vehicle Safety Hotline at 1-888-327-4236 (TTY: 1-800-424-9153; or go to <http://www.safercar.gov>.

Thank you for your attention and cooperation in this matter.

Sincerely,

Keystone RV Company

Rick Deisler
Customer Service Manager

cc. National Highway Traffic Safety Administration (NHTSA)