

05V-222
(16 pages)

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

On 04/15, 2005, Alfa Leisure Inc decided that (a defect which relates to motor vehicle safety)(a noncompliance with Federal Motor Vehicle Safety Standard No. _____) exists 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: 05/11/05

Furnish the manufacturer's identification code for this recall (if applicable): _____

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.

Alfa Leisure Inc
1612 S. Cucamonga Ave
Ontario CA 91761

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

Ed Campolo / Quality

Telephone Number: 1-800-373-3372 Fax No.: 909-673-9004

Name and Title of Person who prepared this report.

Ed Campolo / Quality

RECEIVED
2005 MAY 13 P 2:50
OFFICE OF THE ASSISTANT ATTORNEY GENERAL
CONSUMER PROTECTION DIVISION

Signed:

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): Alfa **Model Years Involved:** 2002 to 2005 **Model(s):** Gold See Ya Motorhome

Production Dates: Beginning: 01/02 **Ending:** 03/05

VIN Range: Beginning: 71120 **Ending:** 73463

Vehicle Type: Motorhome **Bodystyle:** Motorhome

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

Contain Hydro Hot Heater Systems purchased from Vehicles Systems Inc, recalled under recall

Wabasto recall 05E-015, and Vehicle Systems Inc recall # 05E-027.

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.

II. Identify the Recall Population

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

Vehicles			Number of
Model	Alfa Gold See Ya Motorhome	Year	Potentially
<u>Involved</u>		2002 to 2005	
320			

Total Number Potentially Affected by the Recall: 320

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:

Given the details in Webasto NHTSA Recall 05E-015 on Hydro Hot units purchased from Vehicle Systems Inc all Alfa Vin #'s were checked for the installation of the heaters by serial # of the heater. Heater serial #'s within the recall range were selected.

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.

As stated by Webasto NHTSA Recall 05E-015 and Vehicle Systems Inc NHTSA recall # 05E-027 the walls of certain burner tubes are deteriorating at an accelerated rate and can fail.

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

Out of spec steel used in production per Wabasto / Vehicle Systems Inc.

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

Failure of the burner tube can result in an increase of temperature of the exhaust gas and a corresponding increase of the temperature of the exhaust system for the burner that could potentially ignite combustible materials in or around the vehicle per Wabasto / Vehicle Systems Inc.

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

An occupant may notice an increase of noise while the burners are operating. They may also observe heat related discoloration of the components of the exhaust system per Wabasto / Vehicle Systems Inc.

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

Vehicle Systems Inc

15549 E Hwy 52

Fort Lupton, CO 80621-8225

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

Dean Jackson, Warranty Manager

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.

See Wabasto NHTSA Recall 05E-015 and Vehicle Systems Inc NHTSA Recall 05E-027

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.

See Attached Vehicle Systems Inc OEM Notification Package for Safety Recall 05E-015

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

See Attached Vehicle Systems Inc OEM Notification Package for Safety Recall 05E-015

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 Attached Vehicle Systems Inc OEM Notification Package for Safety Recall 05E-015

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.

On 04/27/05 a complete list of vehicles effected, customer names and dealer names for those unsold in print and on CD, and printed mailing labels were sent to Dean Jackson of Vehicle Systems Inc, via Fed Ex (Tracking # 790002878238)

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.

See Attached Vehicle Systems Inc OEM Notification Package for Safety Recall 05E-015

Vehicle Systems

I N C O R P O R A T E D

March 30, 2005

Re: Safety Recall No. 05E-015 OEM Notification Letter

Dear: Sir or Madam

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

REASON FOR THIS SAFETY RECALL

Webasto Product North America, Inc., our Diesel-Burner supplier, has determined that a safety-related defect which relates to motor vehicle safety may exist in certain Aqua-Hot, Hydro-Hot (equipped with the Webasto DBW 2010 Diesel-Burner), along with Webasto DBW 2010 Coolant Heaters. The Diesel-Burner is equipped with a Combustion Chamber (generic name – “burner tube”) that may be made out of material that is not within specification and in those cases could fail prematurely. If such failure occurs, the surface temperature of the exhaust tube exiting from the heater can increase and could potentially ignite combustible materials in or around the vehicle which could cause personal injury. Vehicle occupants may notice an increase in noise relating to such an occurrence and may observe heat related discoloration of components of the heater’s exhaust system. This Combustion Chamber material defect may have affected heaters manufactured during the dates of November, 2002 through February of 2005.

Motor Homes that would be affected by this campaign would be manufactured after December 1, 2002 thru April 1, 2005

More specifically Aqua-Hot Serial # 02-1606 thru 05-0249 and Hydro- Hot Serial # HM/E 02-529 thru HM/E 05-0374 or Webasto Serial # 100265 thru 802066.

WHAT WE WILL DO

Webasto Product North America Inc., with the support of Vehicle Systems, Inc., will replace all affected Combustion Chambers (i.e. burner tube) with a new one.

WHAT YOU SHOULD DO

As the OE Manufacturer please contact your Motorhome Servicing Dealers as well as your Customer (End Users) as soon as possible to update them regarding this no-charge Safety Recall Campaign.

~~Vehicle Systems~~

I N C O R P O R A T E D

We have enclosed sample copies of the "Servicing Dealer letter", "End User letter" along with a copy of the "Service Instructions" and "Campaign Claim Form" for distribution to your dealers and Customers.

Please be sure to contact our company directly at 1-800-685-4298 and ask to speak with our Technical Support staff should you have any questions regarding the logistics of this Recall campaign.

We are sorry for this inconvenience; however, we have taken this action in the interest of your safety and continued satisfaction with our products.

Sincerely,



Dean Jackson

Manager of Technical Support, Product Service, and Warranty Administration

Vehicle Systems

I N C O R P O R A T E D

March 30, 2005

Re: Safety Recall No. 05E-015 Servicing Dealer Letter

Attn: Service Managers

Dear: Sir or Madam

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

REASON FOR THIS SAFETY RECALL

Webasto Product North America, Inc., the Diesel-Burner supplier for the Aqua-Hot and Hydro-H heating systems, has determined that a safety-related defect which relates to motor vehicle safety may exist in certain Aqua-Hot, Hydro-Hot (equipped with the Webasto DBW 2010 Diesel-Burner), along with Webasto DBW 2010 Coolant Heaters. The Diesel-Burner is equipped with a Combustion Chamber (generic name – “burner tube”) that may be made out of material that is not within specification and in those cases could fail prematurely. If such failure occurs, the surface temperature of the exhaust tube exiting from the heater can increase and could potentially ignite combustible materials in or around the vehicle which could cause personal injury. Vehicle occupants may notice an increase in noise relating to such an occurrence and may observe heat related discoloration of components of the heater’s exhaust system. This Combustion Chamber material defect may have affected heaters manufactured during the dates of November, 2002 through February of 2005.

Motorhomes that would be affected by this campaign would be manufactured after December 1, 2002 thru April 1, 2005

More specifically Aqua-Hot Serial # 02-1606 thru 05-0249 and Hydro- Hot Serial # HM/E 02-529 thru HM/E 05-0374 or Webasto Serial # 100265 thru 802066.

WHAT WE WILL DO

Webasto Product North America Inc., with the support of Vehicle Systems, Inc., will replace all affected Combustion Chambers (i.e. burner tube) with a new one. All Qualified Servicing Dealers will be sent a limited supply of replacement Combustion Chambers at no charge to the dealer for the initiation of this campaign.

Vehicle Systems

I N C O R P O R A T E D

WHAT YOU SHOULD DO

As the Qualified Servicing Dealer please review all technical correspondence enclosed with this notice to understand the scope of this Safety Recall Campaign.

Educate your service and claims personnel concerning which heaters are affected by this recall as well as reviewing the "Process Instructions" for clarity in claim submission and reimbursement procedures.

We have enclosed sample copies of the "End User letter" along with a copy of the "Process Instructions" and "Campaign Claim Form" for distribution to your Service Technicians. Please be sure to contact our company directly at 1-800-685-4298 and ask to speak with our Technical Support staff should you have any questions regarding the logistics of this Recall campaign.

We are sorry for this inconvenience; however, we have taken this action in the interest of your safety and continued satisfaction with our products.

Sincerely,



Dean Jackson

Manager of Technical Support, Product Service, and Warranty Administration

Vehicle Systems

I N C O R P O R A T E D

April 11, 2005

Re: Safety Recall No. 05E-015 Owner Notification Letter

Dear Vehicle Owner:

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

REASON FOR THIS SAFETY RECALL

Webasto Product North America, Inc., the Diesel-Burner supplier for the Aqua-Hot and Hydro-Hot heating systems, has determined that a safety-related defect which relates to motor vehicle safety may exist in certain Aqua-Hot, Hydro-Hot (equipped with the Webasto DBW 2010 Diesel-Burner), along with Webasto DBW 2010 Coolant Heaters. The Diesel-Burner is equipped with a Combustion Chamber (generic name – “burner tube”) that may be made out of material that is not within specification and in those cases could fail prematurely. If such failure occurs, the surface temperature of the exhaust tube exiting from the heater can increase and could potentially ignite combustible materials in or around the vehicle which could cause personal injury. Vehicle occupants may notice an increase in noise relating to such an occurrence and may observe heat related discoloration of components of the heater’s exhaust system. This Combustion Chamber material defect may have affected heaters manufactured during the dates of November, 2002 through February of 2005.

Motorhomes that would be affected by this campaign would be manufactured after December 1, 2002 thru April 1, 2005

More specifically Aqua-Hot Serial # 02-1606 thru 05-0249 and Hydro- Hot Serial # HM/E 02-529 thru HM/E 05-0374 or Webasto Serial # 100265 thru 802066.

WHAT WE WILL DO

Webasto Product North America Inc., with the support of Vehicle Systems Inc. will replace all affected Combustion Chambers (i.e. burner tube) with a new one.

WHAT YOU SHOULD DO

Please contact your Motorhome Manufacturer or Vehicle Systems as soon as possible for assistance in locating a Qualified Service facility regarding this no-charge Safety Recall Campaign. Please be sure to ask if they are aware of this particular Safety Recall

End-user ltr.05E-015 Page 1 of 2

Motor Coach Heating Specialists • Manufacturers and Distributors

15549 East Highway 52 • Fort Lupton, CO 80621 • 303.659.8221 • FAX 303.857.9000
www.vehiclesys.com • www.aqua-hot.com • www.hydro-hot.com

Vehicle Systems

I N C O R P O R A T E D

Campaign #05E-015 prior to scheduling a service appointment. If the Motorhome Dealer has not been notified about this Safety Recall Campaign, please contact Vehicle Systems Inc. at 1-800-685-4298 and ask to speak with our Technical Support and Service Department. A company representative will then either contact your particular Motor Home Dealer regarding this Safety Recall Campaign matter, or they will provide you with information regarding where there is an (authorized) Motorhome Dealer that can perform the necessary service correction, if applicable.

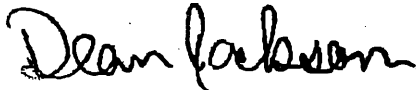
If you have sold or traded your Motorhome, please let us know by contacting our Technical Support and Service Department at 1-800-685-4298.

After contacting your Motorhome Manufacturer and Vehicle Systems, Inc., if you are unable to have the safety-related defect/noncompliance remedied without charge and within a reasonable time, you may notify:

Administrator
National Highway Traffic Safety Administration
400 7th Street, SW Washington, DC 20590
(Or call 1-888-327-4236)

We are sorry for this inconvenience; however, we have taken this action in the interest of your safety and continued satisfaction with our products.

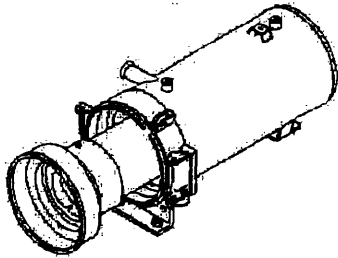
Sincerely,



Dean Jackson
Manager of Technical Support, Product Service, and Warranty Administration

Process Instruction

Webasto
Feel the drive



Process Instruction for the Replacement of the Burner Tube

April 2005

These Instructions are in reference to Safety Recall No. 05E-015

Webasto will allow \$92.50 labor to a qualified Servicing Dealer for each Burner Tube installed in accordance with the parameters of this Safety Recall.

Qualified Servicing Dealers will be provided with a limited stock of burner Tubes at no cost to the dealer.

**Before beginning work on the heater, the main power cable must be removed from the vehicle battery!
Do not work on a hot heater!**

A Philips screw driver, 10mm socket, extension and a ¼ drive ratchet or a 10mm Tee-handle and socket combination is required.

For full service instructions, a service and repair manual is available online at:

<http://www.vehiclesys.com/manuals.htm>

Before starting work, check to see if the heater is already marked. Corrected heaters are marked with a yellow dot on the data/serial# plate on the outside of the Aqua-Hot or Hydro-Hot cover and on the front side of the burner head (black plastic) cover (see fig. 6&7).

Remove the heater access cover and locate the burner head attaching eye bolts. For burner head removal, both eye bolts of the housing are to be loosened (see fig. 1&2).



Figure 1



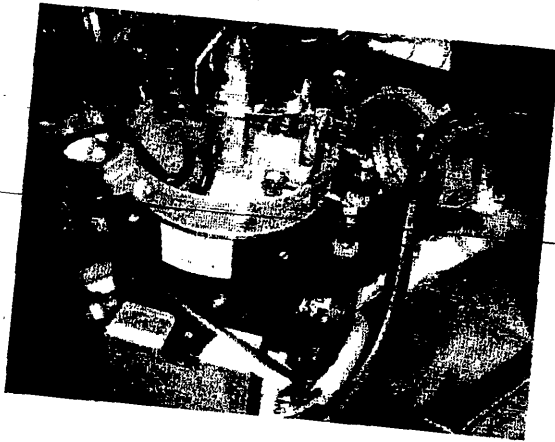
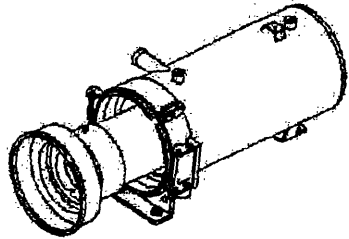
Figure 2

Once the burner head has been unlatched move it back away from the combustion chamber location, taking care not to bend or misalign the ignition electrodes or flame sensor disc.

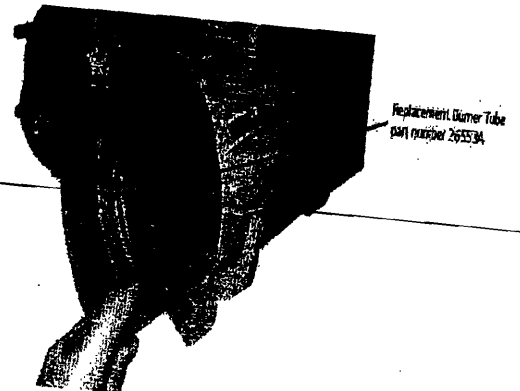
Note: The wiring harness and fuel lines are long enough to allow for the burner head to be placed in a vertical position to allow plenty of clearance to remove the combustion chamber. (See fig. 3)

Process Instruction

Webasto
Feel the drive



(Fig. 3)

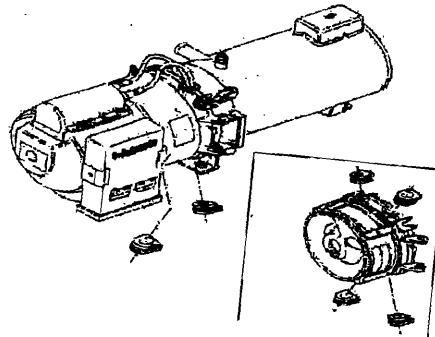


(Fig. 4)

The burner tube can now be pulled out (see fig. 4). If burner tube fit is very tight, use two screwdrivers to gently pry it evenly away from the heat exchanger. Do a visual check of the heat exchanger for damages. If necessary remove carbon deposits with a steel brush. Insert the new burner tube into the heat exchanger until it is fully seated. No further adjustment is necessary.

When reassembling the burner head to the heat exchanger the eyebolts and ears must be in the correct position during tightening (see fig. 1). Tighten the eyebolts to a maximum of 4.0 Nm (35.5 lb/in.). **Over-tightening could damage the casting.**

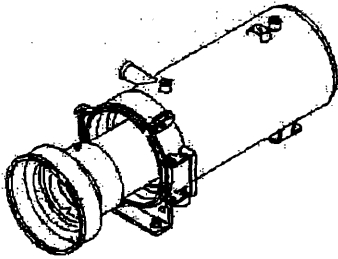
Once the burner head has been re-installed, make sure that all four grommets (2 rights and 2 left) are in place. To minimize combustion air leakage, ensure grommets are fitted tightly around wire cables and fuel pipes. (See fig. 5).



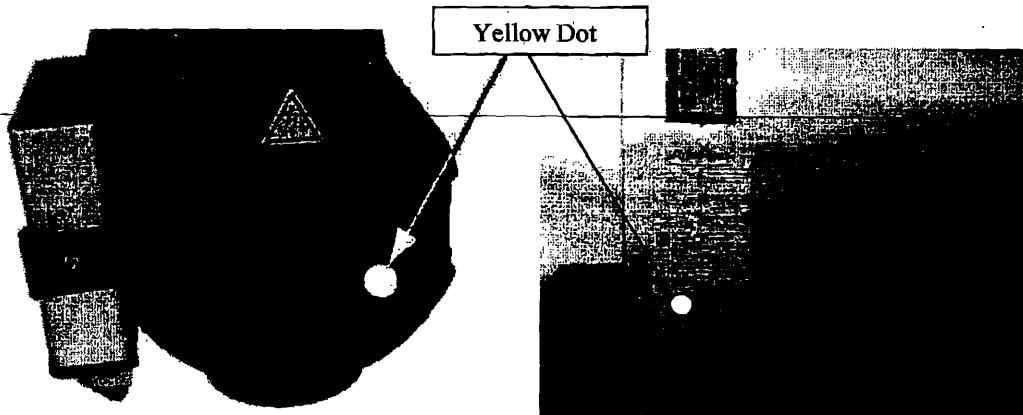
(Fig. 5)

Process Instruction

Webasto
Feel the drive



Place the special yellow adhesive dots (2 each provided) on the front side of the burner head and on the outside cover data plate to identify corrected heaters. (See figure 6&7)



(Fig. 6)

(Fig. 7)

After completing the correction, a visual inspection and test run of the heater must be performed according to the service instructions.

In case of technical questions or technical problems please call our hotline at: (800) 685-4298.

Removed Material Disposition

To obtain reimbursement for labor, handling and expenses associated with installing replacement burner tubes dealers should:

- 1) **Complete the Webasto Recall #05E-015 Claim Form and fax to 303-857-7881**
Webasto requires the return of the removed parts to Vehicle Systems Inc. (See Claim Form)
- 2) **Upon submission of the claim, Vehicle Systems will issue a Return Goods Authorization (RGA) Number along with instructions for returning the parts.**

Vehicle Systems

I N C O R P O R A T E D

Webasto Recall #05E-015 Claim Form

Customer Name: _____ Coach Date of Purchase ____/____/____

Coach Manufacturer: _____ Coach VIN# _____

Aqua-Hot / Hydro-Hot Serial # _____ Webasto Serial # _____

Note: Only Aqua-Hot Serial # 02-1606 thru 05-0249 and Hydro- Hot Serial # HM/E 02-529 thru HM/E 05- 0374 or Webasto Serial # 100265 thru 802066 are covered by this campaign.

WPX-265-53A Combustion Chamber	No Cost to Dealer	NA
Combustion Chamber R&R Labor	Recall Flat Rate \$92.50	\$92.50
Return Shipping	Not to exceed 20% of actual shipping cost	\$
		Total \$ _____
Dealer Name: _____ Technician _____		
Address: _____ Phone #: _____		
City _____ State _____ Zip _____		
Service Mgr Signature: _____ Date: ____/____/____		

This recall claim form DOES NOT include normal warranty coverage. All other warranty repairs must be submitted separately.

Note: All parts replaced under this recall campaign" must be returned to Vehicle Systems with this completed claim form before any credit or reimbursement will be given.

Please call 800-685-4298 for Return Authorization and return this completed Claim Form and the parts replaced to: Vehicle Systems, Inc.

Warranty / Recall Campaign 05E-015

15549 East Highway 52

Fort Lupton, CO 80621

RG# _____