

# Recall Campaign

November 2005  
 FL449A  
 NHTSA #05V-207

## Subject: Webasto Diesel Coolant Heaters

**Models Affected: Specific Freightliner FLD and Western Star 4900 vehicles manufactured between November 19, 2002, and March 30, 2005, with Webasto model DBW2010 coolant heaters.**

### General Information

Freightliner LLC, on behalf of its Freightliner Trucks Division and its wholly owned subsidiary, Western Star Trucks Incorporated, has decided that a defect which relates to motor vehicle safety exists on the vehicles mentioned above.

There are approximately 100 vehicles involved in this campaign.

The stainless steel combustion chamber walls on some Webasto coolant heaters may be made out of material that is not within specification and, in those cases, could fail prematurely. If such a 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 result in a fire.

The combustion chamber will be replaced with a newly designed chamber meeting material specifications.

### Additional Repairs

Dealers must complete all outstanding recall and field service campaigns prior to the sale or delivery of a vehicle. A Dealer will be liable for any progressive damage that results from its failure to complete campaigns before sale or delivery of a vehicle.

Owners may be liable for any progressive damage that results from its failure to complete campaigns within a reasonable time after receiving notification.

### Work Instructions

Please refer to the attached work instructions. Prior to performing the campaign, check the vehicle for a completion sticker (Form WAR260).

### Replacement Parts

Replacement kits are now available and can be obtained by ordering the kit number(s) listed below from your facing Parts Distribution Center.

If our records show your dealership has ordered any vehicles involved in campaign number FL449A, a list of the customers and vehicle identification numbers will be available on AccessFreightliner.com. Please refer to this list when ordering parts for this recall.

**Table 1 - Replacement Kits for FL449**

Campaign Number	Kit Number	Part Description	Part Number	Qty. per Kit	Suggested Wholesale*
FL449A	25-FL449-000	Combustion Chamber	WNA 26553A	1 ea	\$247.71 U.S. \$312.46 CAN
		Completion Sticker	WAR260	1 ea	

\* Please charge all Direct Warranty Customers the above-listed price for the kit, as they are authorized to perform their own Recalls.

**Table 1**

# Recall Campaign

November 2005  
 FL449A  
 NHTSA #05V-207

## Removed Parts

Please follow Warranty Failed Parts Tracking shipping instructions for the disposition of all removed parts.

## Labor Allowance

**Table 2** - Labor Allowance

**NOTE:** If the combustion chamber can be replaced with the heater assembly in the vehicle, claim only SRT 996-0649A.

If the entire heater assembly must be removed from the vehicle in order to replace the combustion chamber, claim BOTH SRTs. When claiming both SRTs, you must be prepared to provide digital photos of the heater assembly position in the vehicle (before removing).

Campaign Number	Procedure	Time Allowed (hours)	SRT Code	Damage Code
FL449A	Remove and replace combustion chamber	0.5	996-0649A	000-Modifiedx
FL449A	Remove and replace coolant heater	0.7	996-0650A	000-Modifiedx

**Table 2**

**IMPORTANT:** When the recall has been completed, locate the base completion label in the appropriate location on the vehicle, and attach the red completion sticker provided in the recall kit (Form WAR260). If the vehicle does not have a base completion label, clean a spot on the appropriate location of the vehicle and first attach the base completion label (Form WAR259). If a recall kit is not required or there is no completion sticker in the kit, write the recall number on a blank sticker and attach it to the base completion label.

## Claims for Credit

You will be reimbursed for your parts, labor, and handling by submitting your claim through the Warranty system within 30 days of completing this campaign. Please reference the following information in QuickClaim®:

- Claim type is **Recall**.
- In the FTL Authorization field, enter the campaign number and appropriate condition code (**FL449A**).
- In the Primary Failed Part Number field, enter **25-FL449-000**.
- In the Parts field, enter the appropriate kit number(s) as shown in the Replacement Parts Table.
- In the Labor field, first enter the appropriate SRT(s) from the Labor Allowance Table. For administrative time, enter SRT 939-0010A for 0.3 hours.

**NOTE:** If the combustion chamber can be replaced with the heater assembly in the vehicle, claim only SRT 996-0649A.

If the entire heater assembly must be removed from the vehicle in order to replace the combustion chamber, claim BOTH SRTs. When claiming both SRTs, you must be prepared to provide digital photos of the heater assembly position in the vehicle (before removing).

- In the Comments field, note the Webasto heater assembly serial number. See step 10 in the Work Instructions.
- **Reimbursement for Prior Repairs.** When a customer asks about reimbursement, please do the following.
  - Accept the documentation of the previous repair.
  - Make a brief check of the customer's paperwork to see if the repair may be eligible for reimbursement. (See the "Copy of Owner Letter" section of this bulletin for reimbursement guidelines for this recall.)

# Recall Campaign

November 2005  
FL449A  
NHTSA #05V-207

- Contact the Warranty Campaigns Department for a decision and authorization number.
- Include the approved amount on your claim in sublet/outside purchases.
- In the claim story, first note the authorization number and that the claim includes a reimbursement request.
- Retain the documentation and provide it to Warranty Campaigns or Claims Processing if requested.
- When your claim is paid, reimburse the customer the appropriate amount.

NOTE: ServicePro®/Service Advisor® must be viewed prior to performing the recall to ensure the vehicle is involved and the campaign has not been previously completed. Also, check for a completion sticker prior to beginning work.

Contact the Warranty Campaigns Department at (800) 547-0712, from 7:00 a.m. to 4:00 p.m. Pacific Time, Monday through Friday, Web inquiry at [AccessFreightliner.com](http://AccessFreightliner.com) / Support / Submit an Inquiry, or the Customer Assistance Center at (800) 385-4357, after normal business hours, if you have any questions or need additional information.

To return excess kit inventory related to this campaign, U.S. dealers must submit a Parts Authorization Return (PAR) to the Memphis PDC. Canadian dealers must submit a PAR to their facing PDC. All kits must be in resalable condition. PAR requests must include the original purchase invoice number.

The letter notifying vehicle owners is included for your reference.

Please note that the National Traffic and Motor Vehicle Safety Act, as amended (49 USC), requires the owner's vehicle(s) be corrected within a reasonable time after parts are available to you. The Act states that failure to repair a vehicle within 60 days after tender for repair shall be prima facie evidence of an unreasonable time. However, circumstances of a particular situation may reduce the 60 day period. Failure to repair a vehicle within a reasonable time can result in either the obligation to (a) replace the vehicle with an identical or reasonably equivalent vehicle, without charge, or (b) refund the purchase price in full, less a reasonable allowance for depreciation. The Act further prohibits dealers from selling a vehicle unless all outstanding recalls are performed. Also, any lessor is required to send a copy of the recall notification to the lessee.

Finally, the Act states that a remedy need not be provided without charge if the vehicle was bought by the first purchaser more than ten (10) calendar years before notice is given.

# Recall Campaign

November 2005  
FL449A  
NHTSA #05V-207

## Copy of Letter to Owner Subject: Webasto Diesel Coolant Heaters

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

Freightliner LLC, on behalf of its Freightliner Trucks Division and its wholly owned subsidiary, Western Star Trucks Incorporated, has decided that a defect which relates to motor vehicle safety exists on specific Freightliner FLD and Western Star 4900 vehicles manufactured between November 19, 2002, and March 30, 2005, with Webasto model DBW2010 coolant heaters.

The stainless steel combustion chamber walls on some Webasto coolant heaters may be made out of material that is not within specification and, in those cases, could fail prematurely. If such a 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 result in a fire.

The combustion chamber will be replaced with a newly designed chamber meeting material specifications.

Repair kits are now available for authorized dealers to order. Contact your authorized dealer to arrange to have your vehicle(s) modified and to assure that parts are available at the dealer. To locate a dealer, search online at [www.Freightliner.com](http://www.Freightliner.com) or contact the Warranty Campaigns Department for assistance.

When you contact your dealer, refer to campaign number **FL449A**. Once kit(s) are received at the dealership, the modification will take approximately one to one and one-half hours and will be performed at no charge to you.

As stated in the terms of your express limited warranty, Freightliner LLC will not pay for any damage caused by failure to properly maintain your vehicle. Freightliner LLC considers the work necessary under this campaign to be proper maintenance and will, therefore, not pay for any damage to your vehicle caused by your failure to have the repairs that are the subject of this campaign performed in a reasonable time.

**IMPORTANT:** When the recall has been completed, please ensure that a label has been affixed to your vehicle referencing **FL449A**.

If you do not own the vehicle that corresponds to the identification number(s) which appears on the Recall Notification, please return the notification to the Warranty Campaigns Department with any information you can furnish that will assist us in locating the present owner. If you have leased this vehicle, please make sure this notification is immediately forwarded to the lessee. If you have paid to have this recall condition corrected prior to this notice, you may be eligible to receive reimbursement. Please see the reverse side of this notice for details.

If you are not able to have the defect remedied without charge and within a reasonable time, which is not longer than 60 days after you tender the vehicle for repair, please contact the Warranty Campaigns Department at (800) 547-0712, 7:00 a.m. to 4:00 p.m. Pacific Time Monday through Friday, e-mail address [WarrantyCampaigns@freightliner.com](mailto:WarrantyCampaigns@freightliner.com), or the Customer Assistance Center at (800) FTL-HELP or (800) STL-HELP, after normal business hours. You may also wish to submit a complaint to the Administrator, National Highway Traffic Safety Administration, 400 7th Street S.W., Washington, D.C. 20590; or call the Vehicle Safety Hotline at (888) 327-4236 (TTY: 800-424-9253); or to <http://www.safercar.gov>. If your vehicle is involved in the Canadian portion, you may wish to notify Transport Canada, ASFAD, Place de Ville Tower C, 330 Sparks Street, Ottawa, ON K1A 0N5, or phone (800) 333-0510.

We regret any inconvenience this action may cause but feel certain you understand our interest in motor vehicle safety.

WARRANTY CAMPAIGNS DEPARTMENT

Enclosure

## Reimbursement to Customers for Repairs Performed Prior to Recall

If you have already **paid** to have this recall condition corrected you may be eligible to receive reimbursement.

Requests for reimbursement may include parts and labor. Reimbursement may be limited to the amount the repair would have cost if completed by an authorized Freightliner LLC dealer. The following documentation must be presented to your dealer for consideration for reimbursement.

Please provide original or clear copies of all receipts, invoices, and repair orders that show:

- The name and address of the person who paid for the repair.
- The Vehicle Identification Number (VIN) of the vehicle that was repaired.
- What problem occurred, what repair was done, when the repair was done.
- Who repaired the vehicle.
- The total cost of the repair expense that is being claimed.
- Proof of payment for the repair (such as the front and back of a cancelled check or a credit card receipt).

Reimbursement will be made by check from your Freightliner LLC dealer.

Please speak with your Freightliner LLC authorized dealer concerning this matter.

## Work Instructions

### Subject: Webasto Diesel Coolant Heaters

**Models Affected:** Specific Freightliner FLD and Western Star 4900 vehicles manufactured between November 19, 2002, and March 30, 2005, with Webasto model DBW2010 coolant heaters.

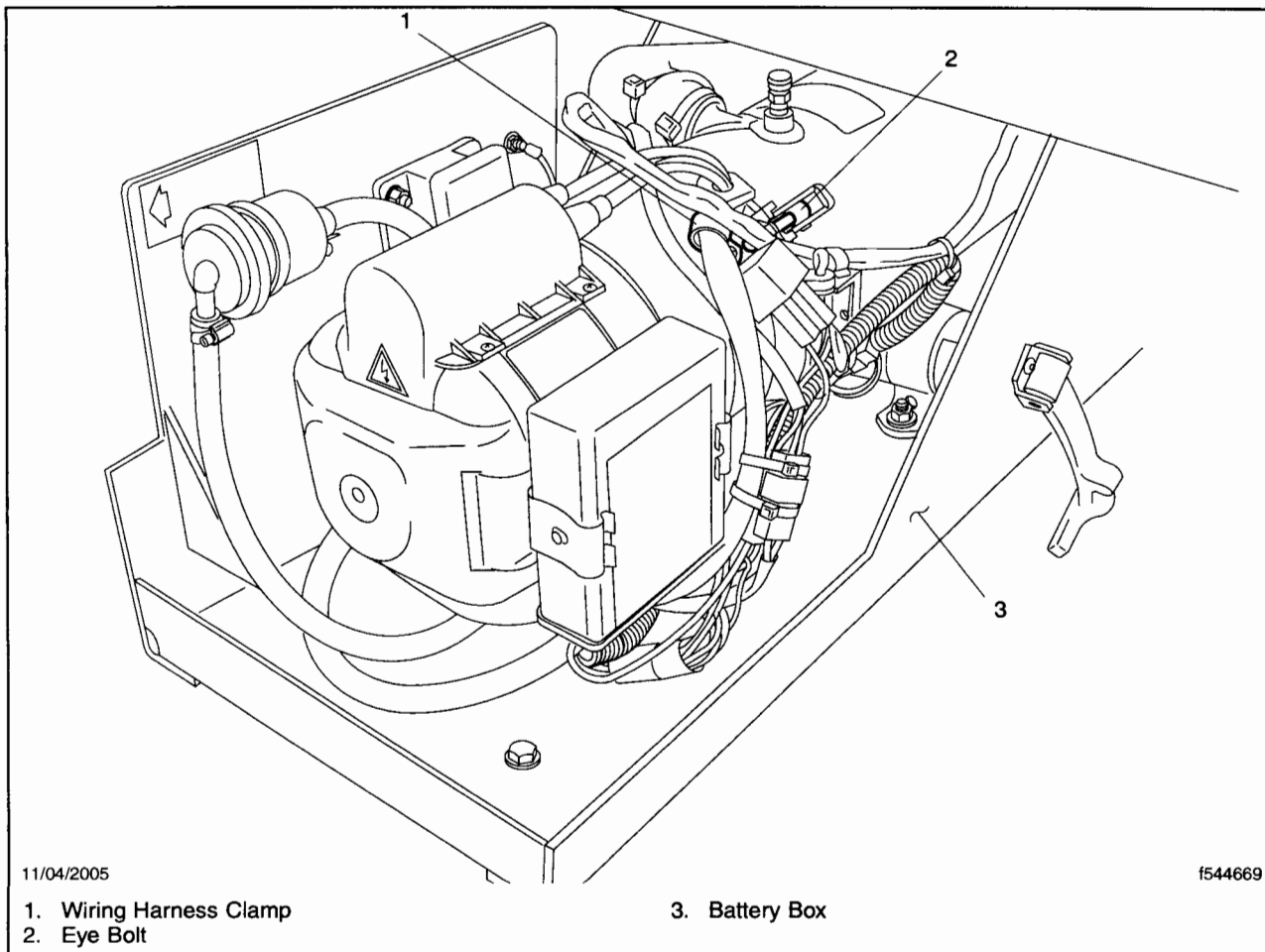
#### Combustion Chamber Replacement Procedure

1. Park the vehicle on a level surface, shut down the engine, and set the parking brake. Chock the tires.
2. Check the base label (Form WAR259) for a completion sticker for FL449 (Form WAR260) indicating this work has been done. The base label is usually located on the passenger-side door about 12 inches (30 cm) below the door latch.

If a completion sticker is present, no further work is needed. Remove the chocks from the tires.

If no completion sticker is present, go to the next step.

3. Find the Webasto heater. See **Fig. 1**. If the heater is located inside a battery/tool box, remove the cover.



**Fig. 1, Webasto Coolant Heater**

# Recall Campaign

November 2005  
FL449A  
NHTSA #05V-207

4. Disconnect the batteries at the negative terminals.

## WARNING

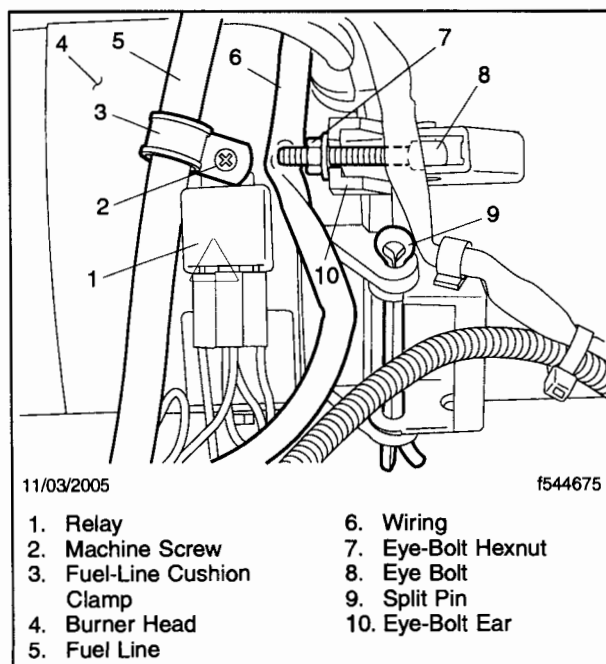
**Make sure the coolant heater is cool before working on it. Working on a hot unit could result in personal injury from burns.**

5. To avoid leakage from the heater fuel lines, clamp them about 3 inches (76 mm) from where they connect to the heater assembly.
6. Clamp the heater fuel lines. Mark and disconnect them from the lower left side of the unit.
7. Unlatch the burner head from the main unit.
  - 7.1 On the top of the heater housing, remove the machine screw that holds the relay and the fuel-line cushion clamp to the housing. See **Fig. 2**. Remove any additional harness or hose clamps as needed to access the two eyebolts that hold the burner head to the housing.
  - 7.2 Loosen the eyebolts, and swing them free of the ears on the housing.
8. Swing the burner head to the side.

If there is insufficient clearance to swing out the burner head, remove the split pin and completely remove the burner head. Then go to step 10.

If removing the burner head does not provide sufficient clearance to replace the combustion chamber, go to the next step to completely remove the heater assembly from the vehicle.

**IMPORTANT:** If it is necessary to remove the heater assembly from the vehicle, refer to the "Claims for Credit" section in this Recall Campaign for adding the correct SRT to the campaign claim. Be prepared to provide pictures of the original installation of the heater in your vehicle.



**Fig. 2, Location of Eye Bolt, Clamp, and Split Pin**

9. If necessary, remove the Webasto heater from the vehicle.

## WARNING

**Open the coolant system only when the coolant and engine are cool. Opening any part of the system when these are hot could cause severe personal injury due to scalding.**

- 9.1 Cover the radiator cap with a thick towel or rag. Carefully open the cap to release any system pressure, then close the cap.
  - 9.2 Clamp the coolant hoses going to the heater assembly, then disconnect them from the heater. In addition to clamping the hoses, you can plug them after disconnecting them.
  - 9.3 Mark and disconnect the electrical wiring from the heater assembly.
  - 9.4 Loosen the heater mounting plate and remove the heater assembly from the vehicle.
  - 9.5 Put the heater assembly on a work bench. Go to the next step.
10. Carefully pull out the combustion chamber. See **Fig. 3**.  
If the combustion chamber is difficult to remove, pry it out by using two screwdrivers, one on each side. See **Fig. 4**.  
Write the serial number of the heater assembly on the Repair Order. See **Fig. 5** for the location of the heater serial number. This number must be included on your Campaign Claim.
11. Destroy the old combustion chamber by flattening it with a heavy mallet.
  12. Inspect the electrodes. If necessary, remove carbon deposits with a steel brush. Be careful not to bend the electrodes, as this could change the gap between them.
  13. Insert the new combustion chamber from the kit into the heat exchanger.
  14. Close the burner head and push the eyebolts into the correct position over the ears on the housing. Make sure the rubber grommets are fitted tightly around the wire cables and fuel hoses.

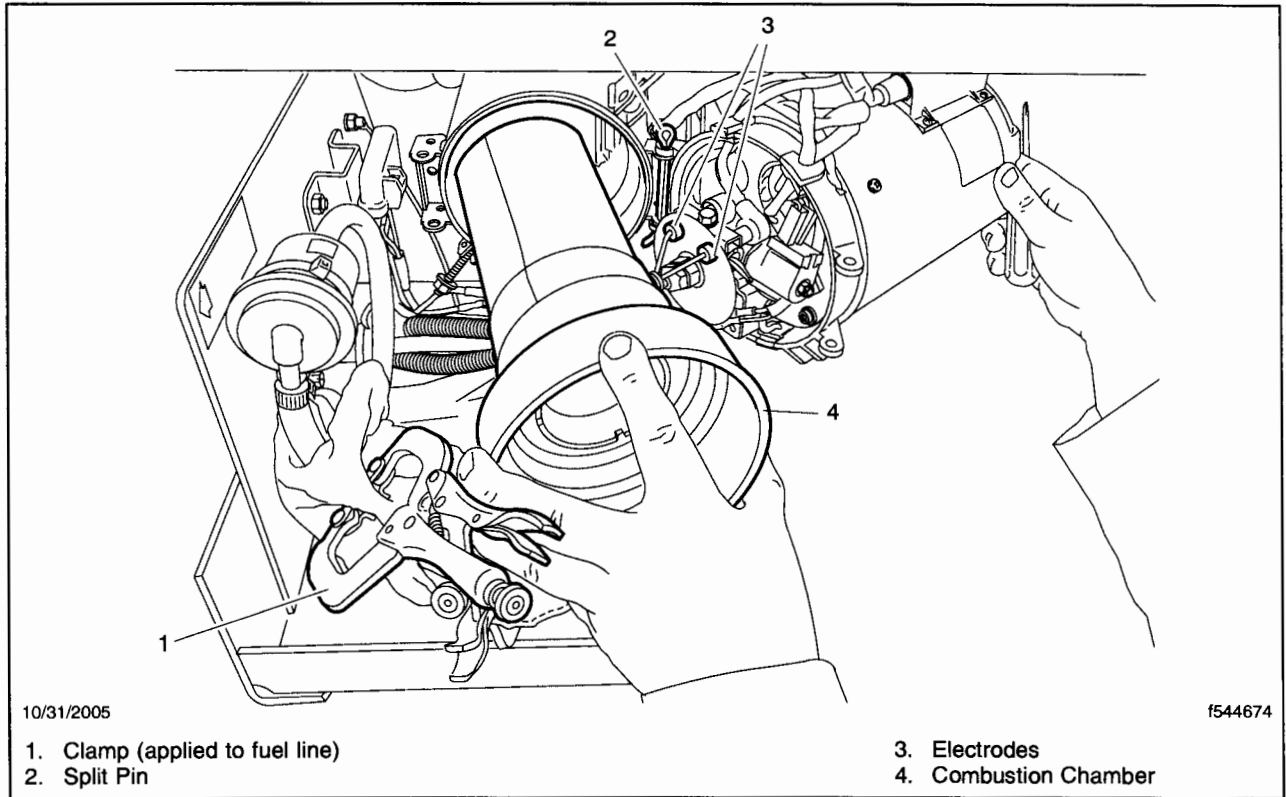
## CAUTION

**Do not over-tighten the eyebolts. To do so may result in damage to the heater housing.**

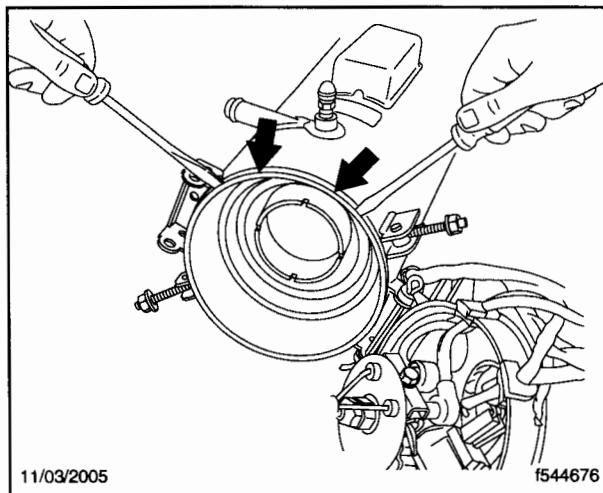
15. Tighten the eyebolts to 36 lbf·in (4 N·m).  
If the heater assembly was removed from the vehicle, go to the next step.  
If the heater assembly was not removed from the vehicle, go to step 17.
16. Install the heater assembly in the vehicle as follows:
  - 16.1 Install the heater mounting plate in the vehicle and bolt it in place.
  - 16.2 Connect the fuel lines to the heater assembly. Secure them with clamps.
  - 16.3 Connect the coolant lines to the heater assembly. Secure them with clamps.
  - 16.4 Connect all the wiring as previously marked.
  - 16.5 Bleed the applicable loop of the coolant system.
  - 16.6 Bleed the fuel system as needed. Go to the next step.

# Recall Campaign

November 2005  
FL449A  
NHTSA #05V-207



**Fig. 3, Combustion Chamber Removal**



**Fig. 4, Removing the Combustion Chamber (using screwdrivers)**



A Subsidiary of **FREIGHTLINER**  
CORPORATION

## Product Recall

To: ALL DEALERS

From: TRACY SAUERBREY - CUSTOMER SUPPORT DIVISION

Subject: RECALL 05V-207 - 05-141 (Canadian) Webasto Coolant Heater

Date: January 13, 2006

Enclosed are copies of the customer notification letter and the repair procedure for Recall 05V-207. This recall involves certain Thomas units manufactured from November 2002 through February, 2005 equipped with a Webasto Scholastic model DBW 2010 coolant heater. The steel walls of the burner tubes are made out of material that is not within specification and in those cause could fail prematurely.

This is a universal notification sent to all dealers. You may or may not have customers in your area affected by this recall. If owners in your area are subject to this recall, we have enclosed a printout listing those customers' names and addresses. If there is not a printout enclosed according to our records there are no units in your area involved. **If you have a printout and any of the units on it are still in your possession it is your responsibility to ensure the recall is performed before the unit is delivered to the customer.**

The repair will consist of replacing the burner tubes. The labor allowance for this repair is .5 hour per burner tube (Fl at Rate Code 90-51). **You will need to order your repair kit directly from the Parts Distribution Center. The kit number is 85490067. DEFECTIVE TUBES MUST BE RETURNED TO WEBASTO PRODUCT NORTH AMERICA, INC. 15083 North Road, Fenton, Michigan 48430.**

Thomas Built Buses has elected to notify all customers directly. Your customers will be contacting you to schedule an appointment for repairs. Reimbursement for parts and labor (if requested) may be obtained by filing a warranty claim.

If you know of any customers who own or operate a Thomas bus in this recall, whose name and address is NOT listed or is INCORRECTLY listed on the enclosed printout, please promptly notify Thomas Built Buses of that additional information in writing. Thank you for your cooperation and assistance.

Tracy



A Subsidiary of **FREIGHTLINER**  
LLC

Thomas Built Buses, Inc.  
PO Box 2450 (27261)  
1408 Courtesy Road  
High Point, NC 27260  
(336) 889-4871 Phone  
(336) 889-2589 Fax

January 23, 2006

Recall 05V-207  
05-141 (Canadian)

Dear Thomas Bus Owner,

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act. Thomas Built Buses, Inc. has decided that a defect, which relates to motor vehicle safety exists in the vehicle identified on the enclosed postcard (Form PSD 304).

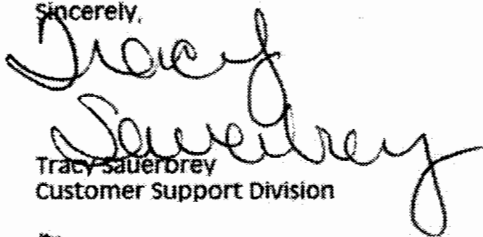
This recall involves certain Thomas Built buses manufactured from November 2002 through February 5, 2005 equipped with a Webasto Scholastic model DBW 2010 coolant heater. The possibility exist that the stainless steel walls of the burner tubes is made out of material that is not within specification and in those causes could fall prematurely. If such a 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 result in a fire.

You should immediately contact your Thomas Built Buses dealer for an appointment to have your vehicle modified. Thomas Built Buses will remedy this defect without charge. It will take approximately .5 hour per burner tube. To arrange for repairs, contact your local Thomas Built Buses dealer. After the repair is made, please complete each postage paid card separately and return it to Thomas Built Buses to verify completion.

In addition to being used to verify repair completion, the postcard must be completed and returned if the vehicle does not need repair, if you no longer own the vehicle, or the vehicle identified on the postcard has been exported, stolen, or destroyed/totaled. Federal law requires that any vehicle lessor receiving the recall notice must forward a copy of this notice to the lessee within 10 days.

If the defect is not remedied without charge and within a reasonable time, which is not longer than 60 days after you tender the vehicle for repair, please contact the Customer Support Office at (336)-889-4871, 8 a.m. to 5 p.m. eastern standard time Monday through Friday, e-mail address [Tracy.Sauerbrey@Thomasbus.com](mailto:Tracy.Sauerbrey@Thomasbus.com). You may also submit a complaint to the Administrator, National Highway Traffic Safety Administration, 400 7<sup>th</sup> Street S. W., Washington, DC 20590, or phone (888)-327-4236; (TTY: 1-800-424-9153); or go to <http://www.safercar.gov>. If your vehicle is involved in the Canadian portion, you may notify the Manager, Recall and Public Compliance, Road and Motor Vehicle Traffic Safety Branch, Transport Canada, Ottawa, Ontario or phone (613)-993-9851.

Sincerely,



Tracy Sauerbrey  
Customer Support Division

/ts  
Enclosures      Postcard

Freightliner LLC is  
a DaimlerChrysler Company

# Process Instruction



Recall 05V-207

Webasto's Process Instruction for the replacement of Burner Tube

**These instructions are in reference to TBB Safety Recall No. 05V-207**

Webasto will allow 0.5 hours labor for each Burner Tube installed at the dealer's/distributor's normal hourly rate. Handling charges should not exceed 20% of the dealer's net cost of parts.

Dealers may purchase replacement kits directly from their local parts distribution center.

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

A 10 mm socket, extension and  $\frac{1}{4}$  drive ratchet or a long 10 mm Tee-handle and socket combination is required. For full service instructions, a Service and Repair manual is available online at [www.techwebasto.com](http://www.techwebasto.com) by entering "[http://www.techwebasto.com/heater\\_main/907502.pdf](http://www.techwebasto.com/heater_main/907502.pdf)" into the address line of your web browser.

Before starting work, check if the heater is already marked. Corrected heaters are marked with a yellow dot on the control unit or on the front side of the burner head cover (black plastic) or in both places (see fig. 6 & 7).

Removing the heater from the vehicle is normally not necessary. For opening of heaters, both eyebolts of the housing are to be loosened (see fig. 1 & 2).



Figure 1

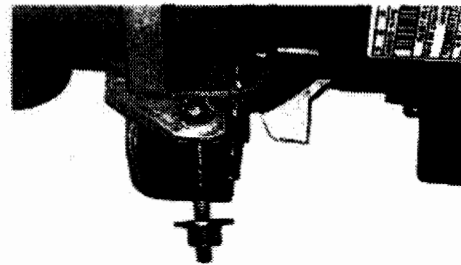


Figure 2

Once the burner head has been unlatched, swing it open to the side. If there is no clearance to do so, or there is a risk of damaging the wiring harness or fuel lines, the split pin can be either removed or inserted in the other side of the housing **before** loosening the eyebolts. If sufficient clearance cannot be gained, the burner head can be disconnected and be completely removed.

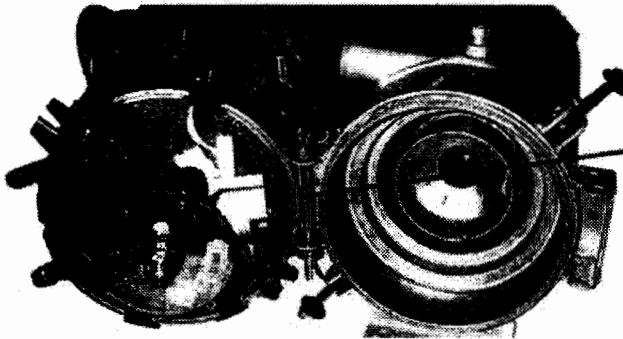
# Process Instruction



Recall 05V-207

## Webasto's Process Instruction for the replacement of Burner Tube

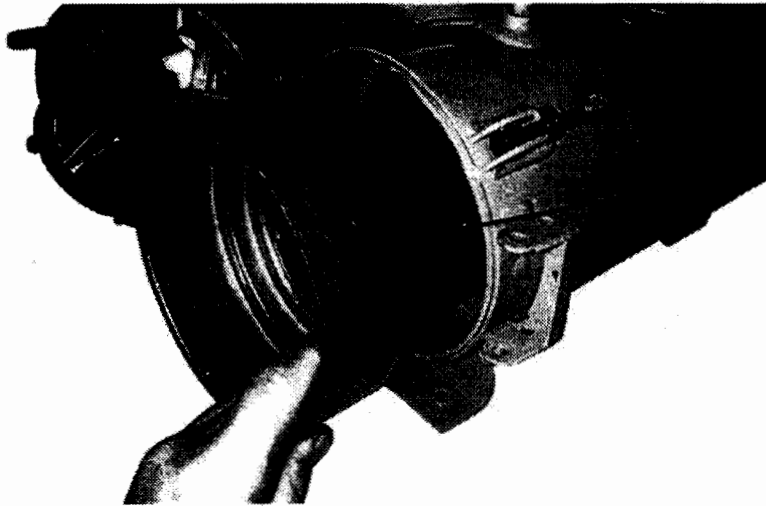
**Beware not to damage the ignition electrodes (1) during the work. Further, take care not to change the screw position of the air intake bellows. This only happens if the adjusting screw is not properly tightened)**



Split Pin part number 352497

Figure 3

The burner tube can now be carefully 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. Mark the exchanged burner tube immediately with a thick red strip and send it to your Webasto branch or your Webasto representative. 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.



Replacement Burner Tube  
Part number 26553A

Figure 4

# Process Instruction



Recall 05V-207

## Webasto's Process Instruction for the replacement of Burner Tube

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. If the split pin was removed it must now be refitted.

Once the burner head has been re-installed, make sure that all four grommets (2 right 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).

In the case of the Scholastic Series heater with a single line fuel system, make sure the blank fuel pipe slot in the casting has a solid (no hole) grommet in place.

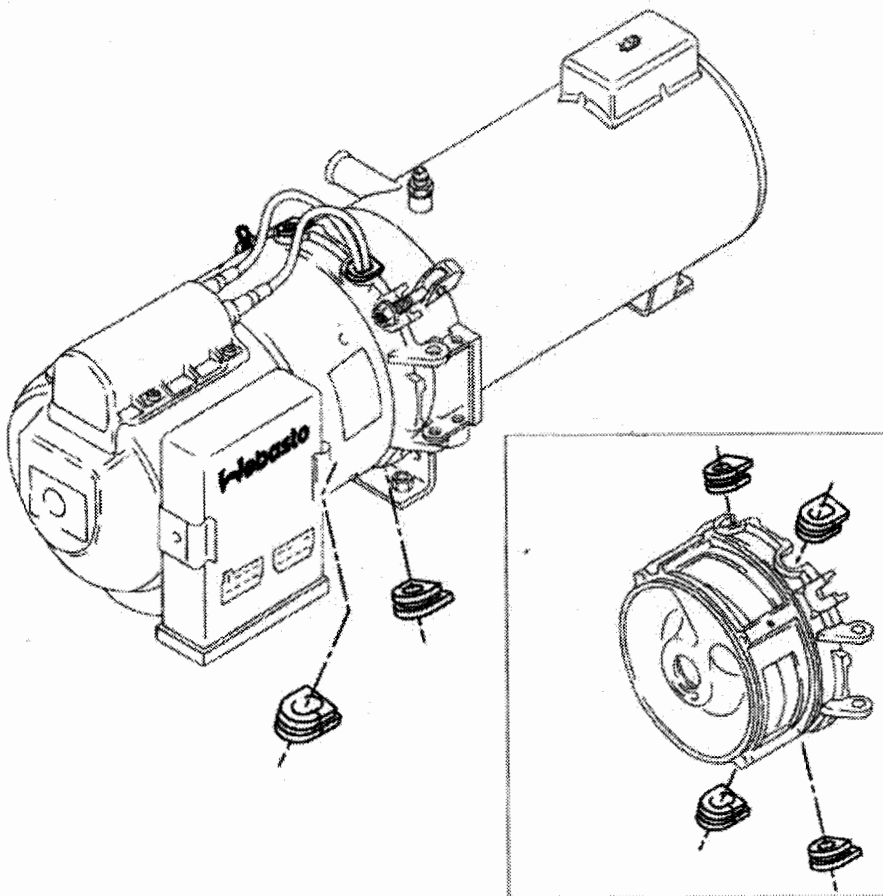


Figure 5



Recall 05V-207

### Webasto's Process Instruction for the replacement of Burner Tube

# Process Instruction

Place a water insoluble (permanent ink or paint) yellow dot, minimum Ø10mm (0.5 in.), on the control unit and on the front side of the burner head (see fig. 6 / 7) to identify corrected heaters.

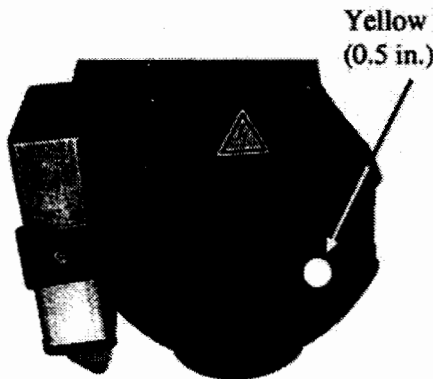


Figure 6

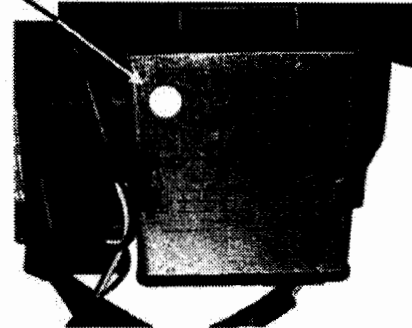


Figure 7

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

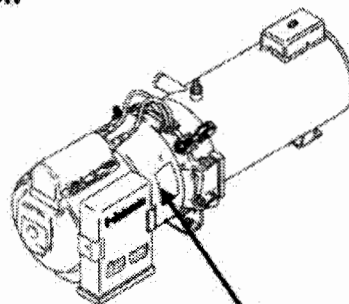
In case of technical questions or technical problems please call our hotline at (800) 555-4518.

#### Removed Material Disposition

To obtain reimbursement for costs of parts, labor, handling and expenses associated with installing replacement burner tubes, dealers should file a warranty claim with Thomas Built Buses.

#### Heater Label – Serial Number Location

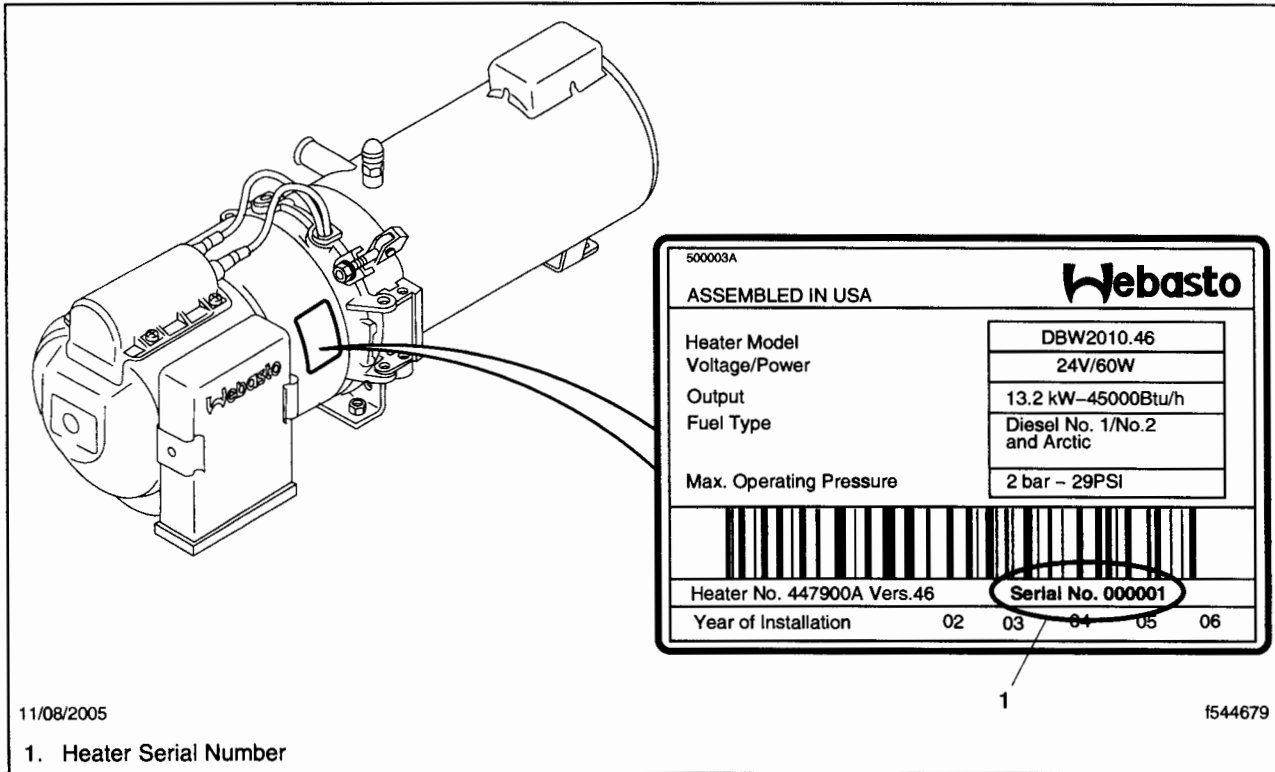
ASSEMBLED IN USA	
Heater Model	D8002010-46
Voltage/Power	24V/60W
OUTPUT	12.21kW-43000Btu/h
Fuel Type	Diesel like 190c.2 and Arctic
Max. Operating Pressure	2 bar - 29PSI
Heater No. 447800A V011 40	Serial No. 00000
Year of Installation	02 03 04 05 06



Label location on heater.

# Recall Campaign

November 2005  
 FL449A  
 NHTSA #05V-207



**Fig. 5, Location of Heater Serial Number**

17. Using the previously removed machine screw, attach the fuel-line cushion clamp and the relay to the heater housing. Attach any additional hose or wiring clamps that were removed.
18. Attach the fuel lines to the lower left side of the heater. Remove any clamps from the fuel lines.
19. Connect the batteries.
20. Check the heater for correct operation. Check the coolant and fuel lines for leaks. Check them at the places from which they were previously removed.
21. If applicable, install the battery/tool box cover.
22. Clean a spot on the base label (Form WAR259). The base label is usually located on the passenger-side door about 12 inches (30 cm) below the door latch. Write "FL449" on the blank completion sticker (Form WAR260) found in the kit and attach it to the base label.
23. Remove the chocks from the tires.