

September 2012

**SAFETY DEFECT / NONCOMPLIANCE NOTICE**


**PREVOST SAFETY RECALL CAMPAIGN SR12-29" AUTOMATIC FIRE DETECTION AND SUPPRESSION SYSTEM (AFSS) – PROTECTION OF LINEAR THERMAL DETECTOR (LTD)"**

Dear customer,

Prevost Car US Inc. has identified you as the registered owner of the following vehicles involved in safety recall SR12-29 :

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act and 49 CFR Part 573.

Prevost Car US Inc. has decided that a defect which relates to motor vehicle safety exists in certain 2013 X3 coaches and one XLII-45 shell (see table below).

Model	VIN
X3-45 coaches Model Year : 2013	 From 2PCG33495DC735300 up to 2PCG33490DC735320 — — incl. — —
XLII-45 shell Model Year : 2013	2PCYS3490DC735311 — —
<p><b><u>This Safety Recall does not necessarily apply to all the above-mentioned vehicles, some vehicles may have been modified before delivery. The owners of the vehicles affected by this recall will be advised by a letter indicating the Vehicle Identification Number (VIN) of each vehicle concerned.</u></b></p>	

**DEFECT DESCRIPTION**

On the vehicles affected by this recall, there is a possibility that the Automatic Fire Detection and Suppression System (AFSS) activates by mistake due to wear of the Linear Thermal Detector (LTD) sheath. At only one location, the protective insulating fabric tape might be too short or improperly placed on the LTD (red cable) to prevent rubbing against the nylon tie.

**FAILURE CONSEQUENCE**

Faulty activation of the Automatic Fire Detection and Suppression System (AFSS) may cause the vehicle to come to an unplanned stop, thus increasing the risk of a crash.

**CORRECTIVE ACTIONS**

Prevost Car US Inc. has voluntarily decided that all vehicles involved shall have their linear thermal detector (LTD) inspected and protected free of charge. You must refer to safety recall SR12-29 for the complete procedure.

**REPORTING REQUIREMENT**

In order to verify and document the corrective action taken on your vehicle(s) pursuant to the requirements of the Federal Motor Vehicle Safety Regulations, we are enclosing a Safety Recall Certification sheet. When the vehicle(s) is (are) repaired, this (these) sheet(s) must be completed and returned to:

*Prevost  
850, chemin Olivier  
Saint-Nicolas QC  
G7A 2N1 Canada*

If you are a lessor of vehicles subject to this notice, federal regulation requires that you forward a copy of this notice to the lessee within ten days.

If you no longer own the vehicles(s) listed on the first page, please help us update our records by completing the following section and returning it at the address above or at [prevost.onlinewarranty@volvo.com](mailto:prevost.onlinewarranty@volvo.com) with 'Change of Ownership' as Subject.

Vehicle Identification Number (VIN) : \_\_\_\_\_

New owner name and address : \_\_\_\_\_

Phone and fax# : \_\_\_\_\_

**LABOR & PARTS REIMBURSEMENT:**

Prevost Car US (Inc) will reimburse the parts and labor as described in SR12-29.

**PREVOST.**

Federal laws require that you be informed of your right to notify the *Department of Transportation* if you are unable to have the defect remedied without charge. The address for this purpose is:

National Highway Traffic Safety Administration  
1200 New Jersey Avenue SE  
Washington, DC 20590  
USA  
Auto Safety Hotline: 1-888-327-4236  
Teletypewriter (TTY): 1-800-424-9153  
<http://www.safercar.gov>

If any assistance is required, please contact Prevost Car US (Inc) service department.

We regret any inconvenience this may cause to your operation, but hope you will appreciate our sincere efforts to demonstrate Prevost's commitment to provide our customers with the best possible product.

Truly yours,



Dominique Gagnon  
Technical Publications Supervisor





**PREVOST**

ENREGISTRÉ - REGISTERED  
**ISO 9001 & ISO 14001**


# SAFETY RECALL

Sr12-29



<b>DATE : SEPTEMBER 2012</b>	<b>SECTION : 23-ACCESSORIES</b>
<b>SUBJECT : AUTOMATIC FIRE DETECTION AND SUPPRESSION SYSTEM (AFSS) – PROTECTION OF LINEAR THERMAL DETECTOR (LTD)</b>	

## APPLICATION

Model	VIN	
X3-45 coaches Model Year : 2013	From 2PCG33495 <u>DC735300</u> up to 2PCG33490 <u>DC735320</u> incl.	
XLII-45 shell Model Year : 2013	2PCYS3490 <u>DC735311</u>	
<p>This Safety Recall does not necessarily apply to all the above-mentioned vehicles, some vehicles may have been modified before delivery. The owners of the vehicles affected by this recall will be advised by a letter indicating the Vehicle Identification Number (VIN) of each vehicle concerned.</p>		

## DESCRIPTION

On vehicles affected by this recall, there is a possibility that the Automatic Fire Detection and Suppression System (AFSS) activates by mistake due to wear of the Linear Thermal Detector (LTD) sheath.

At only one location, the protective insulating fabric tape might be too short or improperly placed on the LTD (red cable) to prevent rubbing against the nylon tie.

<b>NOTE</b>
<i>The Linear Thermal Detector (LTD) is a twin conductor cable with temperature-sensitive insulation protected by an outer sheath. It operates by short-circuiting in a fire or overheat condition. The cable cannot be reset; if the wire alarms to a fire, the wire must be replaced or the damaged section cut out and a new section added prior to returning the system to service.</i>

## MATERIAL

Part No.	Description	Qty
564099	INSULATING FABRIC ADHESIVE TAPE, ROLL	1
507664	CABLE TIE, DOUBLE LOOP TYPE	2

<b>NOTE</b>
<i>Material can be obtained through regular channels.</i>

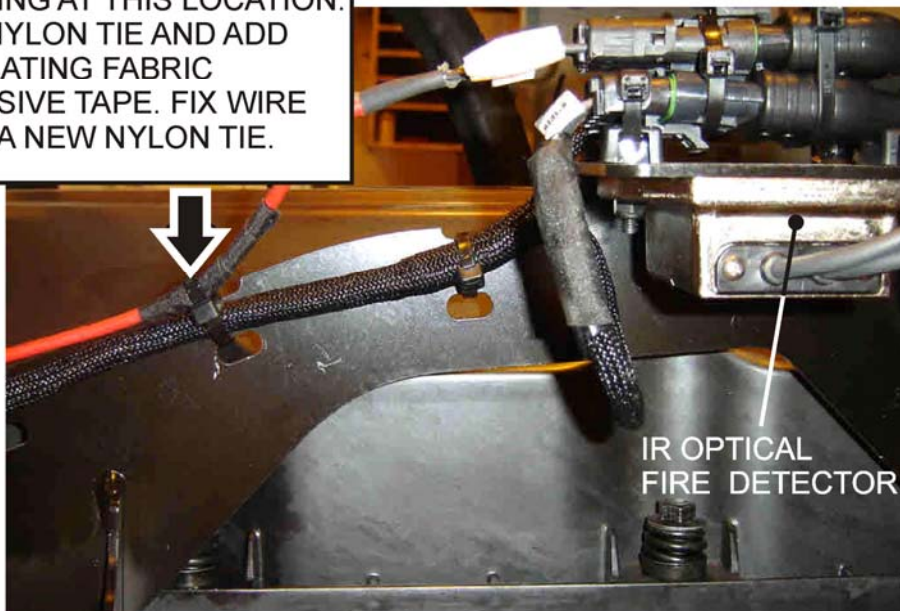
## PROCEDURE



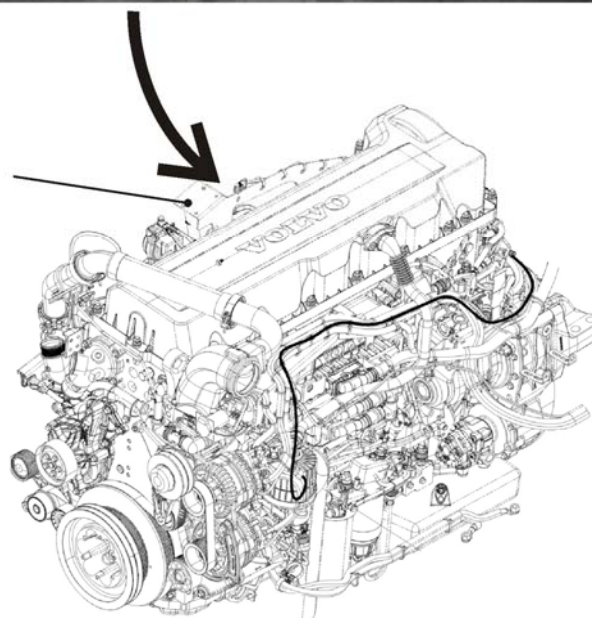
### DANGER

Park vehicle safely, apply parking brake, stop engine and set battery master switch(es) to the OFF position prior to working on the vehicle.

PROTECT LINEAR THERMAL DETECTOR SHEATH FROM RUBBING AT THIS LOCATION. CUT NYLON TIE AND ADD INSULATING FABRIC ADHESIVE TAPE. FIX WIRE WITH A NEW NYLON TIE.



IR OPTICAL  
FIRE DETECTOR  
LOCATION



1. There is only one location where the protective fabric tape might be too short or improperly located. Check the engine turbocompressor side near the optical infrared (IR) fire detector (see image above).

2. Cut and remove the existing nylon tie. Add enough fabric tape to protect LTD (red cable) from rubbing against the nylon tie. Fix LTD cable at the same location using included nylon tie.

## PARTS DISPOSITION

- Discard according to applicable environmental regulations (Municipal/State[Prov.]/ Federal)
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## WARRANTY

This modification is covered by Prevost's normal warranty. We will reimburse you the parts and a half hour (0.5) of labor upon receipt of a completed A.F.A. form on which you must specify as per "Safety Recall 12-29". **You also have to fill the "Safety Recall Certification Sheet" provided with this bulletin and return it with your A.F.A. form to be reimbursed.**

## OTHER

VBC Bulletin	n/a
Fail Code	23-08
Defect Code	09
System Condition	R
Causal Part	068564





**PREVOST**

**Safety Recall  
Certification Sheet  
(Ref: SR12-29)**

ENREGISTRÉ - REGISTERED  
**ISO 9001 & ISO 14001**



**SERIAL NUMBER:** \_\_\_\_\_

PERFORMED BY		OWNER/OPERATOR	
We hereby certify that Safety Recall Instructions with regard to Safety Recall #12-29 have been performed.			
Name: _____		Name: _____	
Addr: _____		Addr: _____	
Phone: _____		Phone: _____	
Fax: _____		Fax: _____	
Signature :	_____	Signature :	_____
Date:	_____	Date:	_____

**If the information mentioned above is incorrect or you are not the owner of this vehicle anymore, please fill this section and return to sender.**

**NEW OWNER:** \_\_\_\_\_

**BUSINESS:** \_\_\_\_\_

**ADDRESS (including County):** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**TELEPHONE:** \_\_\_\_\_ **FAX:** \_\_\_\_\_

**Please return this completed document with your A.F.A. form**