




**SAFETY
RECALL**

SR13-73

DATE :	DECEMBER-2013	SECTION :	06 - Electrical
SUBJECT:	P-Clamp on Bosch T1 alternators		

APPLICATION

NOTICE TO SERVICE CENTERS <i>Verify vehicle eligibility by checking warranty bulletin status with SAP or via ONLINE WARRANTY SYSTEM available on Service / Warranty tab of PrevoSt website.</i>	
Model	VIN
X3 Coaches Model Year: 2008 - 2009	 60 Vehicles in this range: From 2PCG33493 <u>81729108</u> up to 2PCG3349X <u>9C729628</u> incl.***
XL2-45 Entertainer Coach Shells Model Year: 2008 - 2009	112 Vehicles in this range: From 2PCY33492 <u>8C729187</u> up to 2PCY33497 <u>9C729624</u> incl.***
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.	

***** VEHICLES EQUIPPED WITH A S60 DETROIT DIESEL ENGINE AND TWIN BOSCH T1 ALTERNATORS ONLY.**

DESCRIPTION

On vehicles affected by this recall, a P-Clamp may have been installed at the back of the lower alternator to hold one of the two (2) power cables coming from the upper alternator.

Since these cables run in close proximity of each other and that only one of the cables runs through the clamp, the other cable may rub against the P-Clamp which over time may result in abrasion of the cable insulation and cause a short circuit.

To prevent this situation, *all* P-Clamps found on the alternators bodies (upper or lower) must be removed and the power cables secured to the adjacent electrical harness.

Moreover, it is recommended to inspect the complete electrical harness coming from the two alternators up to the starter motor and make sure that all cables are securely tied to each other such that they do not rub against any parts of the vehicles.

MATERIAL

Order the following parts:

Part No.	Description	Qty
Bulk	Nylon Cable Ties	As required

NOTE

Material can be obtained through regular channels.

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.

NOTE

A visual inspection is required to determine the presence of P-clamps. A vehicle may have more than one P-clamp, clamp may also be completely absent from the vehicle alternator assembly.

1. Open the engine compartment doors and locate the two alternators (Fig.1).

NOTE: It may be easier to access the alternators from the rear curb side door (Fig.2).

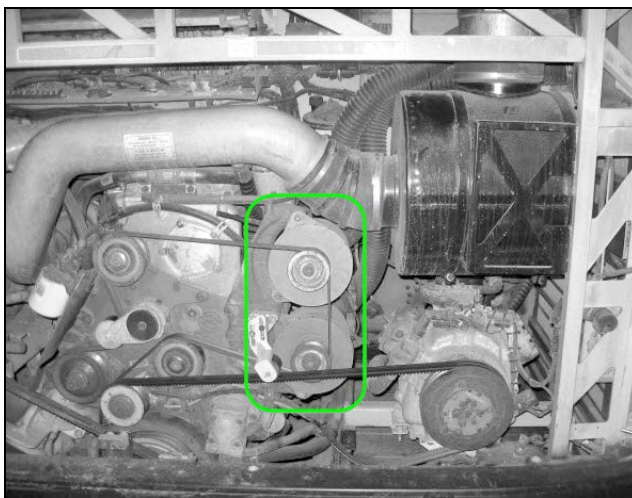


Fig.1 Bosch T1 alternators

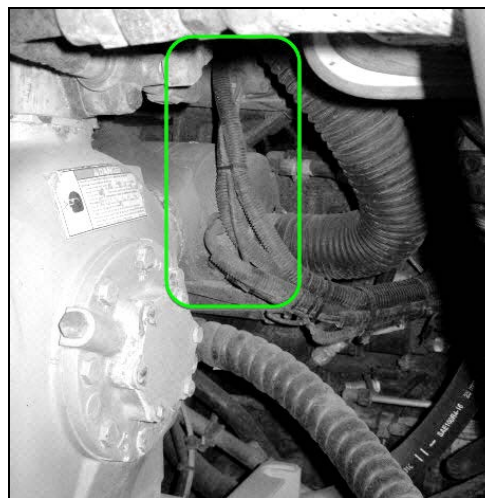


Fig.2 Access from rear curb side door

2. Access the rear of the alternators and check for P-clamps fixed directly to the back of the alternator bodies (Fig.3 and 4).

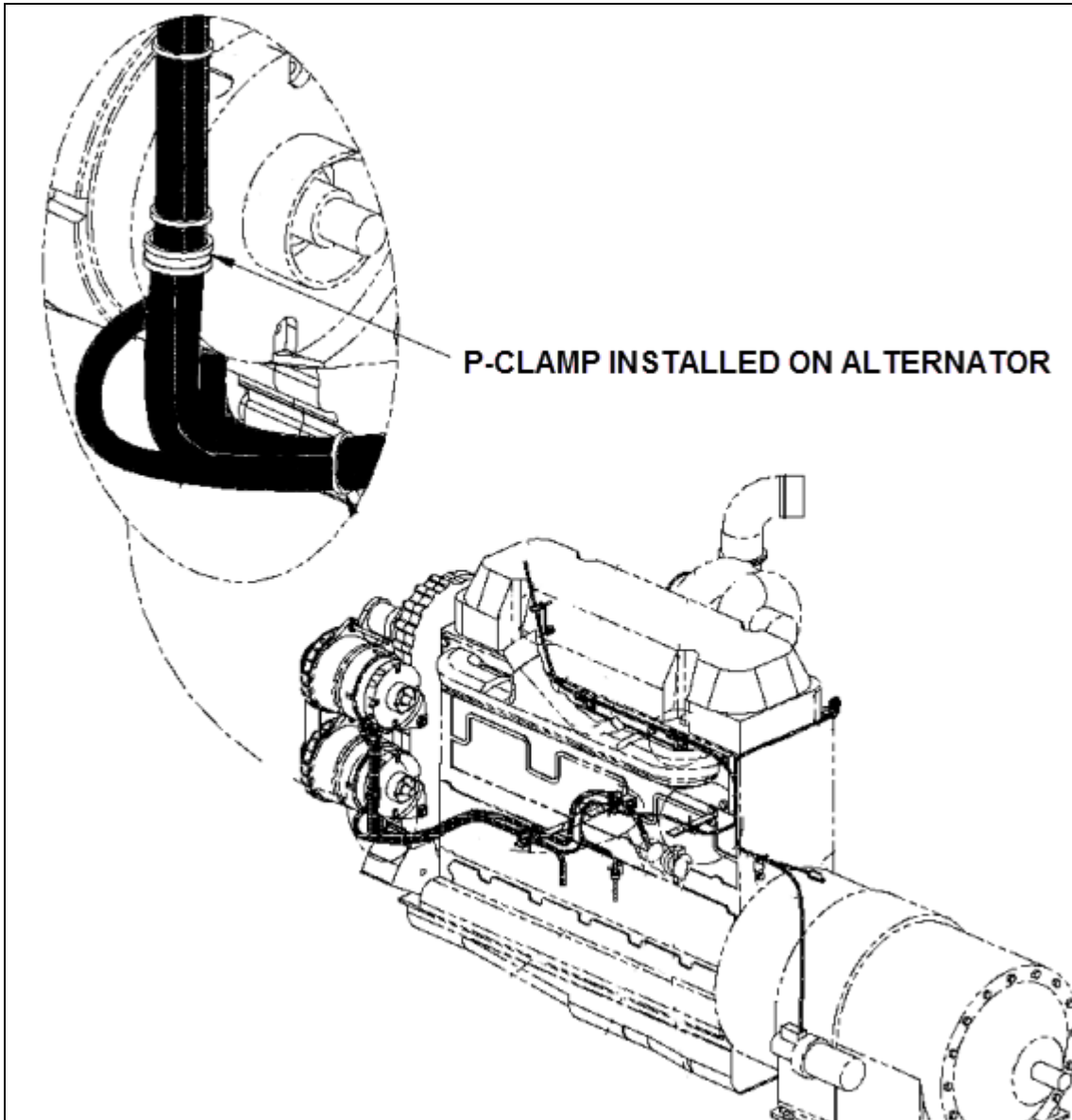


Fig.3 Details of the P-Clamp installation on the lower BOSCH T1 alternator

NOTE: In the majority of the vehicles affected by the problem, the P-clamp will be positioned on the top left corner (viewed from the back of the alternators) of the lower alternator (Fig.3 and 5) Nevertheless, inspect both alternators.

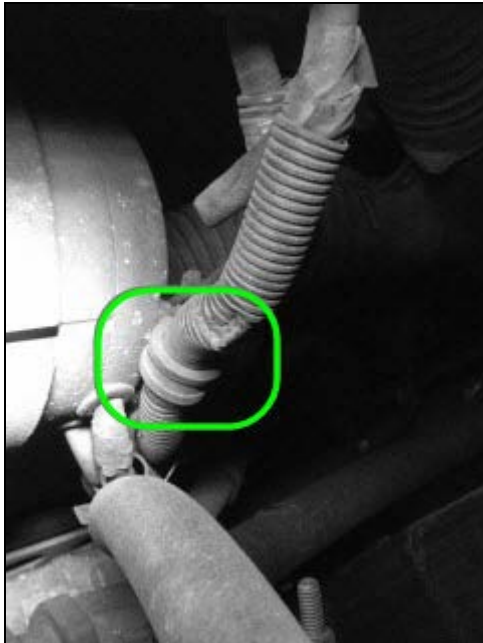


Fig.4 P-clamp on alternator (typical)

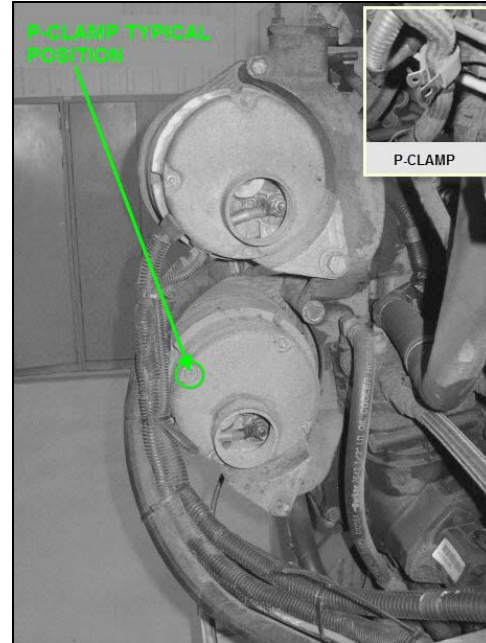


Fig.5 P-clamp usual position

3. Unscrew and discard *all* P-clamps found on the alternator bodies (If none were found, make sure all cables are secured as per step 4 below).
4. Using nylon cable ties, secure the cables(s) removed from the P-clamp (and all loose wires) to the vehicle power harness.

NOTE: Secure as much as possible *all cables* coming from the alternators to the main harness as shown on fig.6 and 7 below.

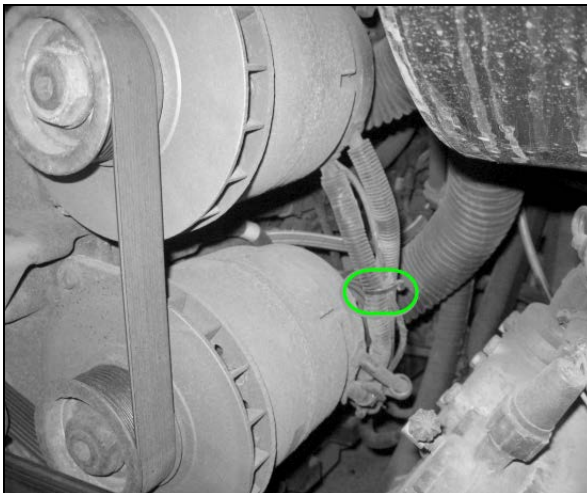


Fig.6 Upper alternator cables secured together

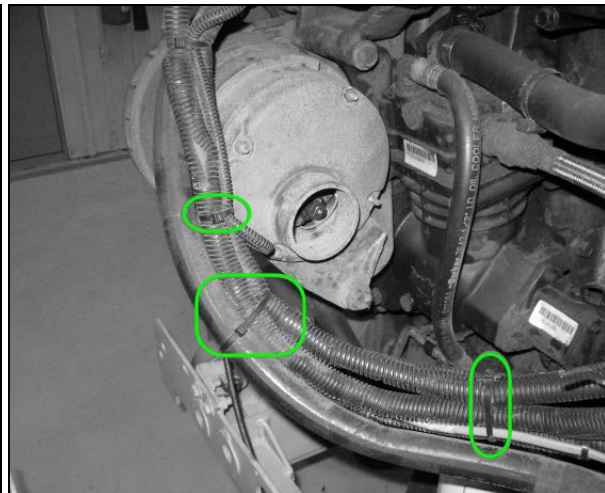


Fig.7 Upper and lower alternator cables going to starter

5. Make sure that the cables are correctly secured all the way to the starter unit. Ad cable ties as necessary (Fig.8)

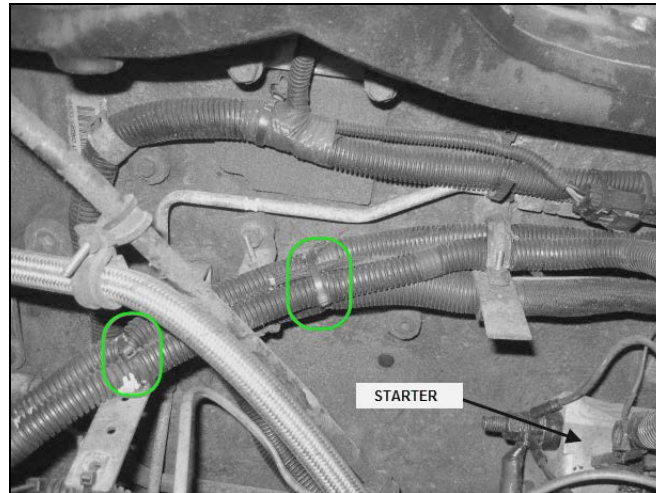


Fig.8 Power cables going to the starter motor

PARTS DISPOSITION

DO NOT RETURN THE REPLACED PARTS. Discard waste according to applicable environmental regulations (Municipal/State[Prov.]/ Federal)

WARRANTY

This modification is covered by Prevost's normal warranty. We will reimburse you 3/4 hour(s) (0.75) of labor upon receipt a completed A.F.A. Please submit claim via our Online Warranty System, available at www.prevostcar.com (under service \ warranty section). Use Claim Type: "Bulletin/Recall" and select "Safety Recall SR13-73".

Should you only wish to close the safety recall (without reimbursement), fill-in the "Safety Recall Certification Sheet" provided with this bulletin and return it to our warranty department by Email at prevost.onlinewarranty@volvo.com or by fax at 418-831-9301.

OTHER

VBC Bulletin	N/A
Fail Code	06-15
Defect Code	09
Syst.Cond.	R
Causal Part	067604

Access all our Service Bulletins on
<http://prevostparts.volvo.com/technicalpublications/en/pub.asp>
or scan the QR-Code with your smart phone.

E-mail us at technicalpublications_prev@volvo.com and type
"ADD" in the subject to receive our warranty bulletins by e-mail.





Safety Recall Certification Sheet (Ref: SR13-73)

VEHICLE SERIAL NUMBER:

2	P	C																	
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PERFORMED BY	OWNER/OPERATOR
<p>We hereby certify that Safety Recall Instructions with regard to Safety Recall SRXX-XX have been performed.</p> <p>Name: _____</p> <p>Addr: _____</p>	<p>Name: _____</p> <p>Addr: _____</p>
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