


PREVOST

Warranty Bulletin

96-15

Date: **June 1996**
 Section: **01**
 Subject: **STARTER CABLES**
 Application:

Model	VIN
H3 Series vehicle with Series 60 engine and 50MT starter Model Year: (1995-1996)	 <p>From 2P9H33412S1001243 up to 2PCH3341XT1011580 incl. EXCEPT 2P9H33490S1001246, 2P9H33491S1001255 2P9H33490S1001263</p>
XL Series vehicle with Series 60 engine and 50MT starter Model Year: (1995-1996)	<p>From 2P9M33496S1001587 up to 2PCM33496T1025934 incl. EXCEPT 2P9M33406S1001588, 2P9L33403S1001592</p>

DESCRIPTION

On the above-mentioned vehicles, starter cables installation could be wrong and therefore produce a short circuit. This bulletin is divided in three parts: inspection of cables, cable position changes and cables replacement. **This bulletin is a recall campaign because of the fire risk.**

Section A: Inspection of cables

First of all, it is very important to inspect starter cables. Figure 1 shows the proper position of the alternator cable. If your cable position is the same as it is shown on figure 1, this bulletin is finished. If your cable position is different, look at the table listed below. This table shows all the possible observations of starter cables and the corresponding part to performed.

Observations	Part to do
Cables are intact and in good position	A
Cables are intact but in wrong position	B
Alternator cable is damage but usable	B
Cables are unusable	C

Note: Material is specified for each section.

WARRANTY

This modification is covered by the manufacturer's normal warranty. We will reimburse you 15 minutes (0.25) of labor upon receipt a completed A.F.A. form on which you must specify as per "Warranty Bulletin 96-15". **You have to fill in the safety recall notification provided with this bulletin and return it with your A.F.A. form to be reimbursed.**

Part B: Cable position changes (intact cables but in wrong position, or damage but usable cables)

MATERIAL

Part No.	Description	Qty
561755	Shrinkable tubing (for damaged but usable cable)	1
504637	Tie rap	7

Note: Material can be obtained through regular channels.

PROCEDURE

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

1. Locate 50MT starter in R.H. side engine compartment (Fig. 1).

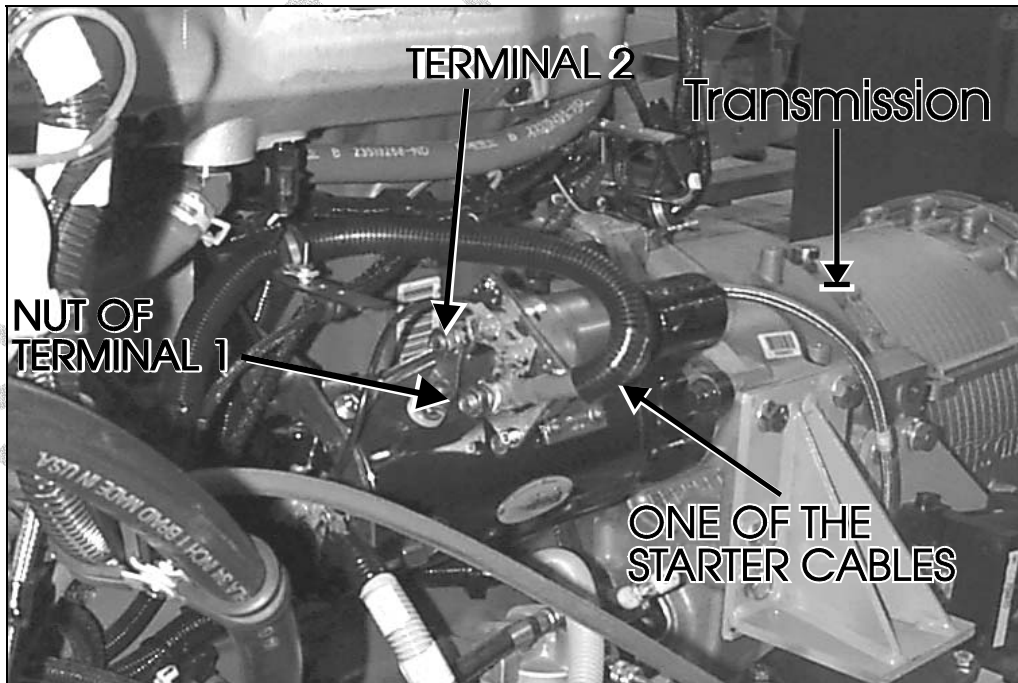


FIGURE 1: STARTER AND TRANSMISSION VUE

2. Unscrew starter nut on terminal 1(positive) and remove alternator and battery cables (Fig. 1).
3. Insert shrinkable tubing (Prévost #561755) to envelop damage end of alternator cable. This shrinkable tubing should be heated to correctly fit the end of the cable.

Note: Step 3 should be done only if the alternator cable end is partially damage but still usable.

4. Place correctly alternator cable on terminal 1(positive) as shown on figure 1. The cables must form a loop to avoid contact with terminal 2 (negative) of starter's solenoid.

Warning: Figure 1 shows proper position of the alternator cable to terminal 1. Another cable is attached to terminal 1 (positive)(not shown on figure 1). This is the battery cable. These cables must not touch terminal 2 (negative).

5. Tighten starter nut to 20-25 lbf•ft (27-34 N•m) and make sure that cables keep same position. Secure new alternator cable using old clamps and new tie-raps (Prévost # 504637).

WARRANTY

This modification is covered by the manufacturer's normal warranty. We will reimburse you the parts and 15 minutes (0.25) of labor upon receipt a completed A.F.A. form on which you must specify as per "Warranty Bulletin 96-15". **You have to fill in the safety recall notification provided with this bulletin and return it with your A.F.A. form to be reimbursed.**

Part C: Cables replacement (unusable cables)

PROCEDURE

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

Model of vehicle	Battery cable Prévost number	
All vehicle H3 and VIP	063621	
XL-45 Shell	063409	
XL-40 et 45E Shell	063894	
XL-45 Coach	063999	
XL-40 Coach	063835	
Part No.	Description	Qty
063297	Alternator cable	1
504637	Tie cable	12

Note: Material can be obtained through regular channels.

1. Locate 50MT starter in R.H. side engine compartment (Fig. 1).

2. Remove damaged starter cables, on terminal 1 (positive). To remove completely battery cable, follow it from starter to the opposite end. For example, on H3 vehicles, opposite end of battery cable is located in main power compartment (Fig. 2) under a plate. To remove the cable, unscrew the two retaining screws and the nut on plate.

Warning: To avoid electric shocks, do not touch simultaneously both terminals on the plate.

3. Remove clamps and tie cables of starter cables.

Note: Visualize tie cable and clamp locations to conserve uniformity in the design.

4. Fix first end of new alternator cable (Prévost #063297) on alternator with a tightening torque of 32 lbf•pi (43 N•m).
5. Fix on plate (Figure 2, H3 vehicles), the opposite end of battery cable (not starter's end and for proper number check in the above table). If applicable, reinstall plate with retaining screws.

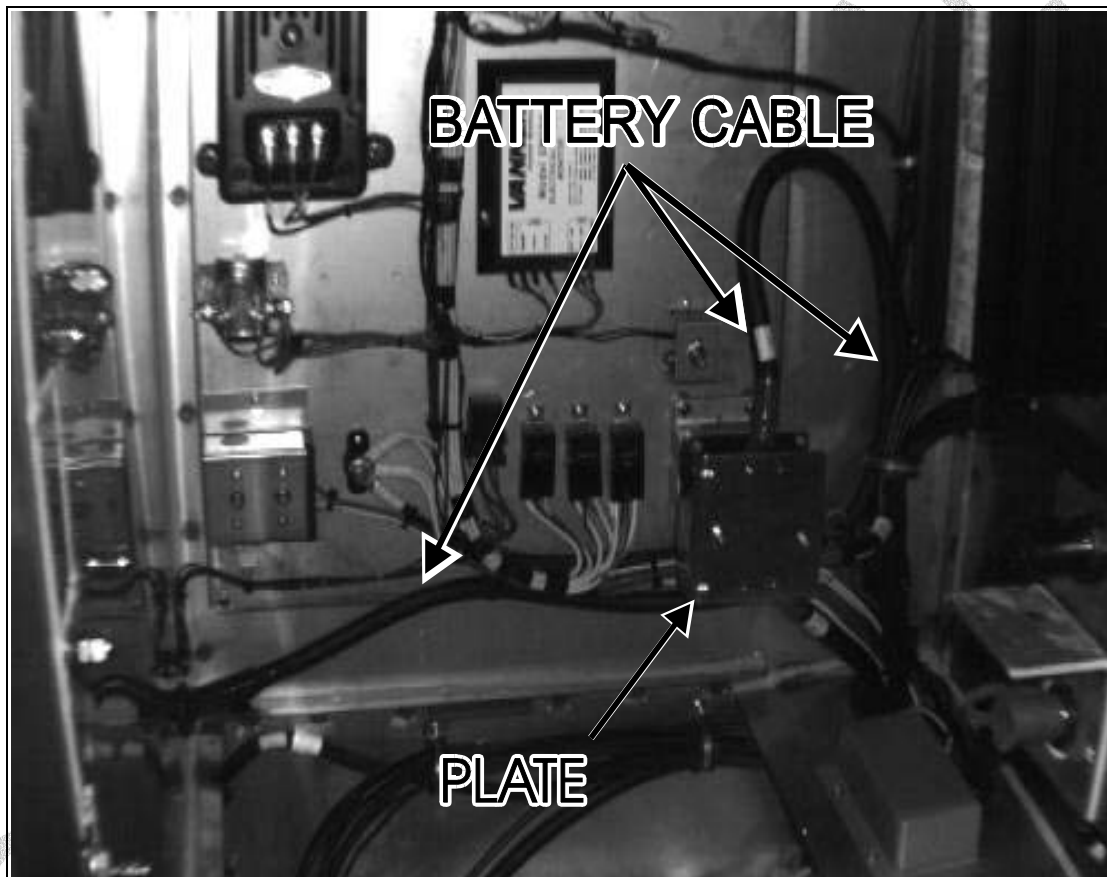


FIGURE 2: MAIN POWER COMPARTMENT

6. Place correctly alternator cable on positive terminal (terminal 1) as shown on figure 1. The cables must form a loop to avoid contact with negative terminal (terminal 2).
7. Place correctly battery cable on positive terminal (1).

Warning: Figure 1 shows the proper position of the alternator cable to terminal 1. Another cable is attached to terminal 1 (positive) (not shown on figure 1). This is the battery cable. These cables must not touch terminal 2 (negative).

8. Fix together both ends of cables to positive terminal (terminal 1) with a tightening torque of 20-25 lbf•ft (27-34 N•m).

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9. *If applicable, to avoid any movement, secure battery cable with Sikaflex 2-21(Prévost #680532) in hole on wall between engine compartment and main power compartment.*
 10. *Secure new cables using old clamps and new tie raps (Prévost #504637).*

WARRANTY

This modification is covered by the manufacturer's normal warranty. We will reimburse you the parts and one half hour (0.5) of labor upon receipt a completed A.F.A. form on which you must specify as per "Warranty Bulletin 96-15". **You have to fill in the safety recall notification provided with this bulletin and return it with your A.F.A. form to be reimbursed.**

- Discard removed parts according to applicable environmental regulations (Municipal/State[Prov.]/Federal)
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SAFETY RECALL

PREVOST

Safety Recall Certification Sheet

We hereby certify that Safety Recall Instructions with regards to Warranty Bulletin # 96-15 have been performed on vehicle serial number:

2 P _____ (Please complete)

Company name			
Mailing address			
Phone		Fax	
Signature:			
Date			
A.F.A. #			

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