

PREVOST

ENREGISTRÉ - REGISTERED
ISO 9001 & ISO 14001

MAINTENANCE INFORMATION Mi08-06



DATE : JUNE 2008	SECTION : 06 - Electrical
SUBJECT : RELOCATING THE ELECTRICAL SYSTEM MONITOR AND ADDING FUSES TO WIRES 12BE AND 24BE	

IMPORTANT NOTICE

This modification is recommended by Prevost to increase your vehicle's performance. Note that no reimbursement will be awarded for carrying out this modification.

APPLICATION

Model	VIN
H3-41, H3-45 Coaches Model Year : 1994 - 1997	From 2P9H33495R <u>1001012</u> up to 2PCH33498V <u>1011778</u> incl.
H3-45 VIP Bus shells Model Year : 1995 - 1997	From 2P9V33494S <u>1001057</u> up to 2PCV33498V <u>1011766</u> incl.



DESCRIPTION

The electrical system monitor may be exposed to excessive heat on the front wall of the main power compartment where it is currently located. Relocating it on the cooler right wall of the same compartment (below the battery equalizer) will increase its life expectancy. Also, the electrical system monitor has no power surge protection which can cause defects or break-down in the course of time. Adding fuses to the electrical supply of the monitor will effectively improve the electrical system and protect it against any such damage.

MATERIAL

Part No	Description	Qty
065419	Electrical system monitor extension cable	1

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.

1. Open the main power compartment and find the electrical system monitor;

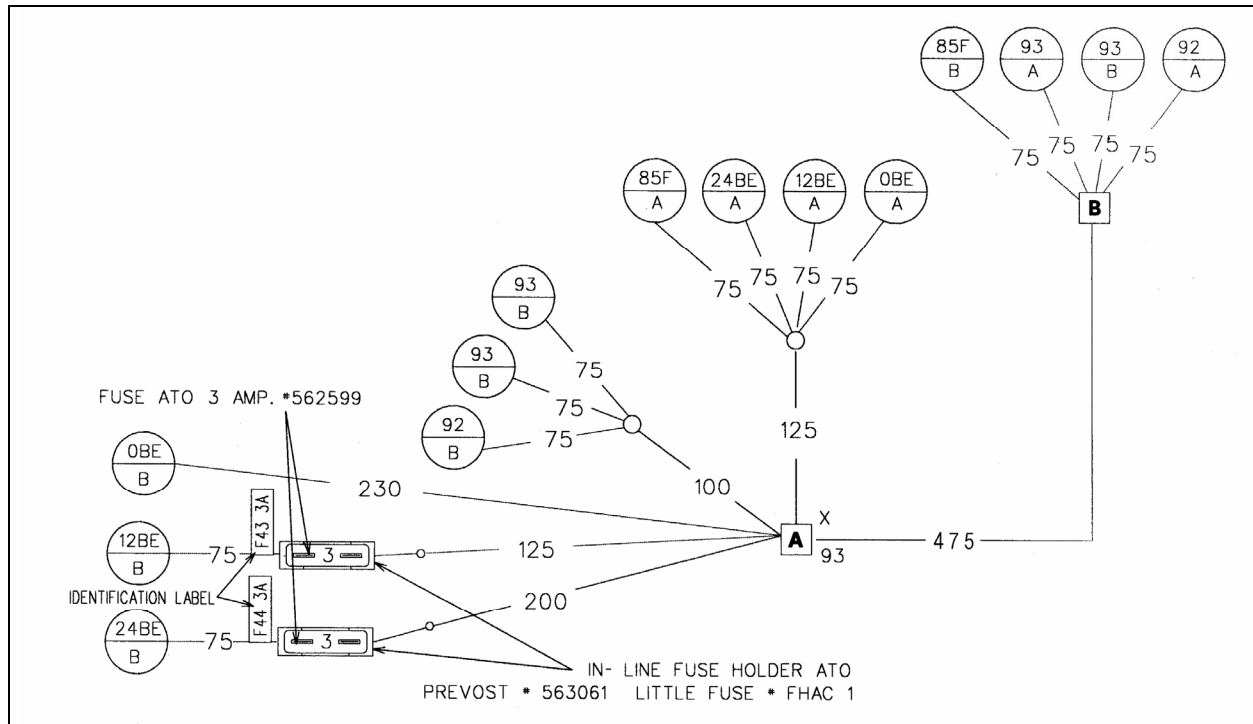


FIGURE 1: EXTENSION CABLE #065419

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2. Disconnect the monitor and remove it from the wall;
3. The monitor is connected directly to the batteries. It is therefore recommended to temporarily insulate the disconnected wires using insulating tape (#680319) and to be careful when manipulating.
4. Relocate the monitor on the right wall, under the Delco voltage regulator (if equipped) and battery equalizer. See figure 2 for location. Use the monitor as a jig to drill the 1/8 inch screw holes in the wall;
5. Use self tapping screws (#500598) fasten the monitor to the wall;
6. Connect the extension cable (figure 1):
 - Connect wires 0BE-B, 12BE-B and 24BE-B to the Ground, 12 volt and 24 volt terminals on the battery equalizer. Tighten the terminal nuts to 120 lbf-in (13.5 Nm), then coat with Nyogel type protective grease (Prevost part #683409);
 - Connect wire 92-B to the BAL terminal on the electrical system monitor;
 - Connect both wires 93-B to HI and LOW terminals on the monitor;
 - Connect wire 85-F to "24 Ign. Switch" terminal on the monitor;
 - Connect wire 24BE-A to 24 volt terminal on the monitor;

- Connect wire 12BE-A to 12 volt terminal on the monitor;
- Connect wire 0BE-A to round terminal on the monitor;
- Connect wires 85-F, 93-A, 93-B and 92-A to corresponding wires on the existing cable. Condemn wires 24BE, 12BE and 0BE of the cable using a shrink tubing;
- Attach any loose wires to surrounding cables using cable ties.

7. Mark the addition of two fuses on the coach's wiring diagram.

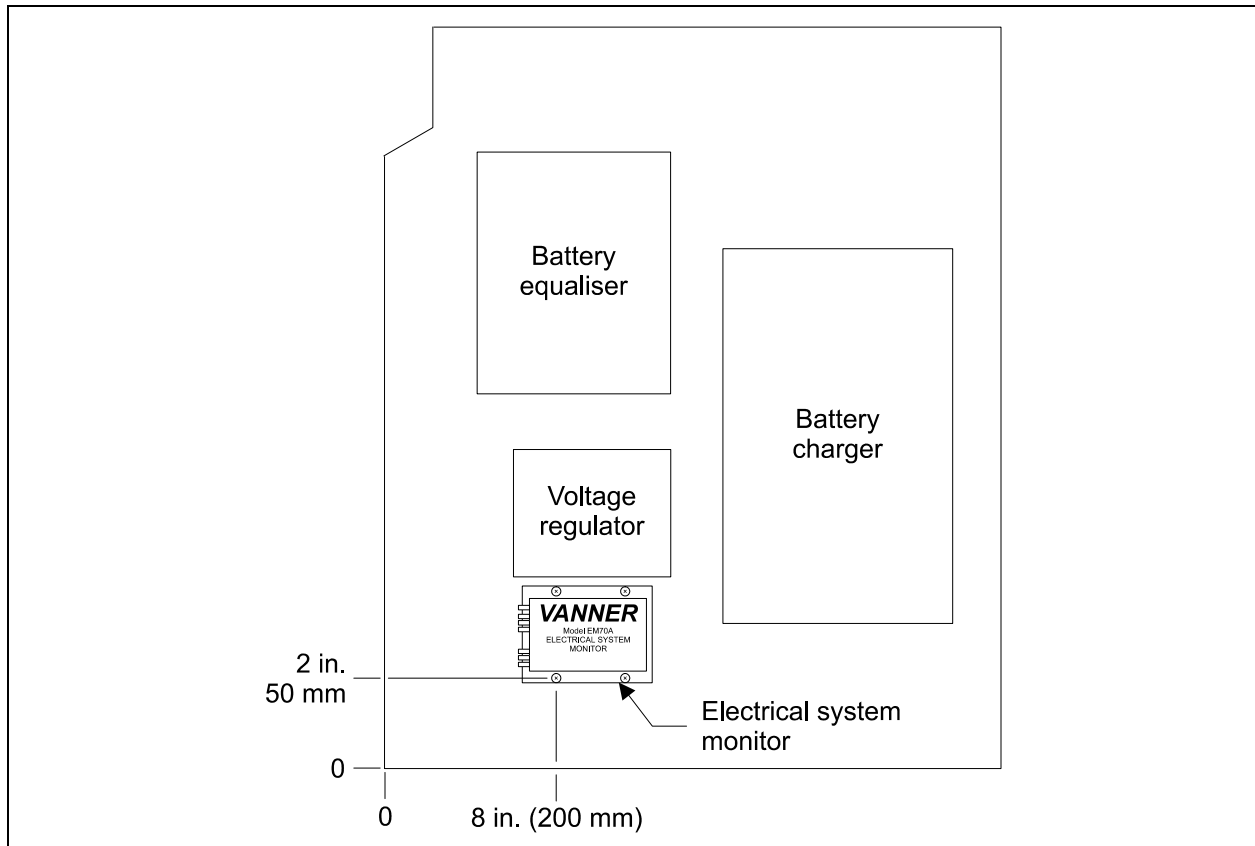


FIGURE 2: RIGHT WALL OF THE MAIN POWER COMPARTMENT

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Waste disposal:

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