

PREVOST

WARRANTY BULLETIN

WB14-42A

DATE :	AUGUST 2014	SECTION :	06 - Electrical
EXPIRATION:	AUGUST 2016		
SUBJECT :	GATEWAY MODULE POWER SOURCE		

Rev :C This bulletin supersedes previous versions

May 24, 2016: Material, Other parts required: Gateway module was 565921, is 560008.

APPLICATION

NOTICE TO SERVICE CENTERS Verify vehicle eligibility by checking warranty bulletin status with SAP or via ONLINE WARRANTY SYSTEM available on Service / Warranty tab of Prevost website.	
Model	VIN
H3-41, H3-45 coaches Model Year : 2013 - 2014	From 2PCH33499 <u>DC712364</u> up to 2PCH33492 <u>FC712726</u> incl. and single vehicle: 2PCH3349X <u>DC712146</u> ,
H3-45 VIP motorhomes Model Year : 2013 - 2014	From 2PCVS3490 <u>DC712369</u> up to 2PCVS3490 <u>FC712715</u> incl.
X3-45 coaches Model Year : 2013 - 2015	From 2PCG33497 <u>EC735459</u> up to 2PCG33491 <u>FC735765</u> incl. And single vehicles: 2PCG33496 <u>CC735241</u> , 2PCG33499 <u>DC735316</u>
X3-45 VIP motorhomes Model Year : 2013 - 2015	Single vehicles: 2PCBS3498 <u>EC735581</u> , 2PCBS3496 <u>EC735594</u> , 2PCBS3490 <u>FC735740</u>
X3-45 VIP commercial use Model Year : 2015	From 2PCCS3497 <u>EC735494</u> up to 2PCC33492 <u>FC735773</u> incl.
XLII-45 Entertainer Model Year : 2013	Single vehicles: 2PCYS3492 <u>DC735374</u> , 2PCY33491 <u>DC735461</u> , 2PCY33499 <u>DC735479</u> , 2PCYS3498 <u>DC735489</u>
This bulletin 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 bulletin will be advised by a letter indicating the Vehicle Identification Number (VIN) of each vehicle concerned.	

DESCRIPTION

On the vehicles affected by this bulletin, perform a power source improvement and a multiplex software update for the steering Gateway module. On a limited number of vehicles, the module will be replaced with the latest version of the part.

MATERIAL

Order the following parts:

Part No.	Description	Qty
563692	Socket Terminal / 20-16 / AMP	1
563623	Butt Splice / 16-14 / Blue / Heat Shrink	1
560661	Wire 16 Yellow GXL	A/R

Other parts that may be required:

Part No.	Description	Qty
560008	Gateway module	1

NOTE

Material can be obtained through regular channels.

SPECIAL TOOLS

Part No.	Description	Qty
-	Laptop with VPG and an interface cable.	1

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.

STEP A:

A. GATEWAY MODULE INSPECTION AND REPLACEMENT

- A1. Remove the dashboard cover (5 screws).

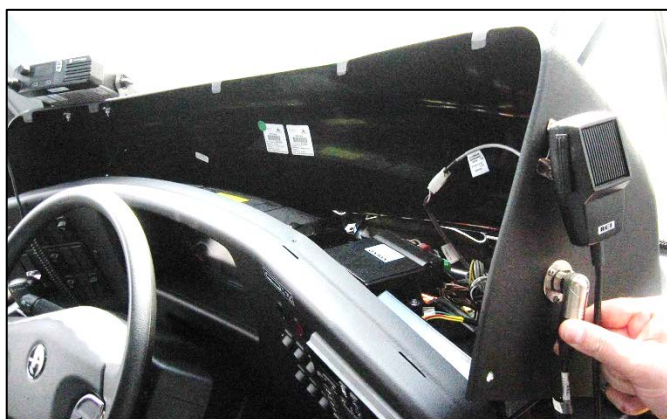


Figure 1

- A2. Locate gateway module. It is installed flat, behind the left portion of the dashboard.
- A3. Check module revision label. (Fig 4)
If it is **SM320 REV:A SW REV:1.00** and up, jump to **STEP B** below.

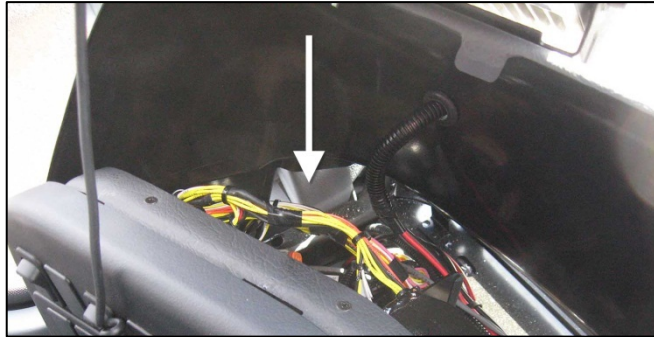


Figure 2

- A4. Unscrew module (2 screws). Disconnect cable.
- A5. Keep old module for parts return.
- A6. Replace by a new module **565921**. New module must be revision **SM320 REV:A SW REV:1.00** and up.

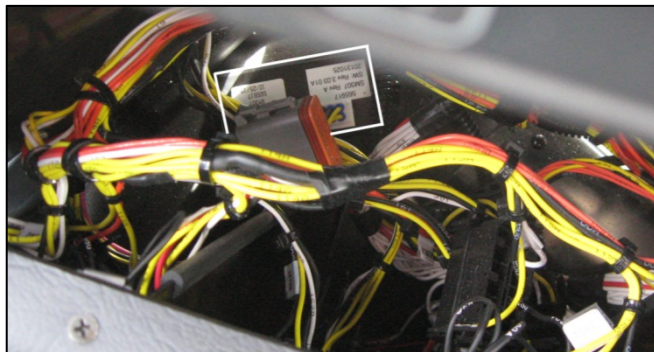


Figure 3



Figure 4

STEP B:

B. POWER CABLE CHANGE

- B1. Unplug Connector to Gateway module A139.
- B2. Locate wire **439** at **pin 1** of Gateway Module A139. (Fig 5)
- B3. Cut about two inches away (50mm) from connector. (Fig 5)

Protect and seal bare wire end coming from dash with shrink tubing.

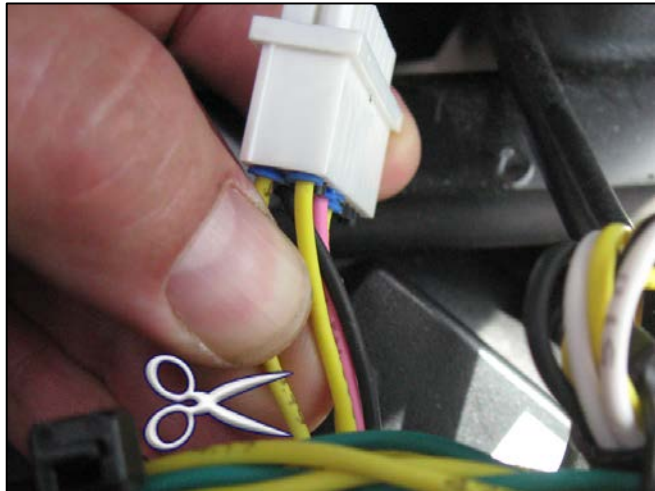


Figure 5

- B4. Run a new yellow 16ga **GXL** wire (560661 or equiv.) from A44 module in Front Junction Box to Gateway module.

Strip and connect to wire 439 coming out of gateway module connector pin 1 and new wire from front service compartment (FJB).

Use thermal shrink butt splice 563623. (Fig 6)

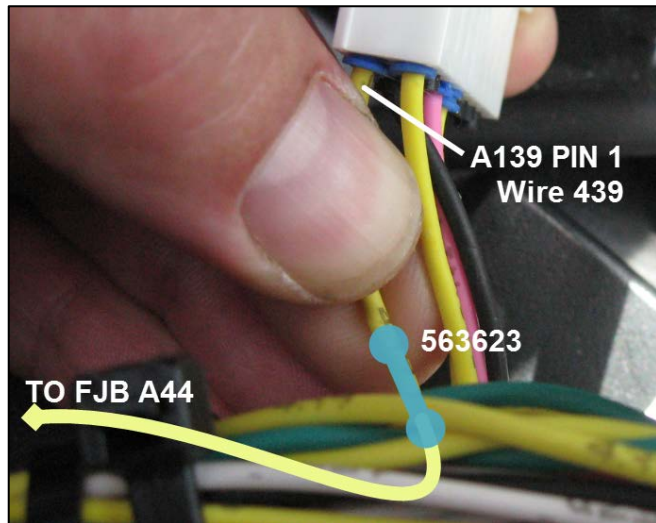


Figure 6

B5. Connect new wire to **A44:J1** using terminal 563692. (Fig 7)

Pin: 5 for H3-45 **VIP** and X3-45 **VIP**.

Pin: 6 for H3 **BUS** and X3-45 **BUS**

B6. Next, proceed to multiplex reprogramming, "Complist 2014".

X3BUS - 06100058 P21 *and up*

H3BUS- 06100060 P26 *and up*

VIP/Motorhomes - 06100061 P25 *and up*

B7. Check proper operation of all controls on the steering wheel:

- Cruise
- Motorized Blinds
- Radio controls
- Etc.

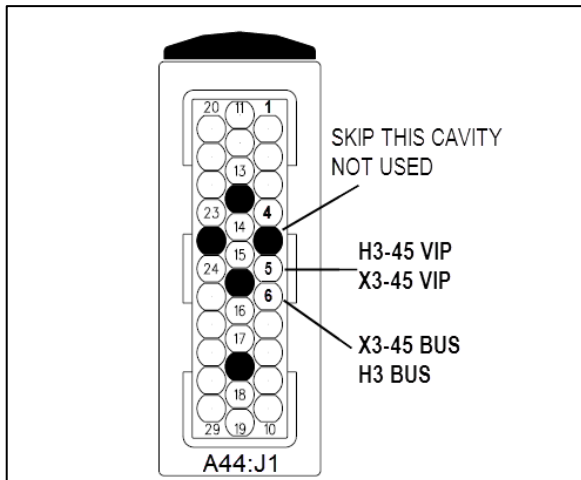


Figure 7

PARTS / WASTE DISPOSAL

All replaced parts must be returned to Prevest according to the Return Shipping Instructions available on <https://www.prevestcar.com/content/warranty-documents> for full reimbursement. A copy of the warranty claim form must be enclosed with the shipment.

WARRANTY

This modification is covered by Prevest's normal warranty. Upon receipt of a warranty claim we will reimburse you the parts and the following labor, depending on the work performed.

STEP A, and B: one hour (1h) of labor (limited number of vehicles)

STEP B only: half an hour (1/2h) of labor.

Please submit claim via our Online Warranty System, available at www.prevestcar.com (under Service \ Warranty section). Use Claim Type: "Bulletin/Recall" and select "Warranty Bulletin WB14-42".

OTHER

VBC Bulletin	n/a
Fail Code	06.27
Defect Code	49
Syst.Cond.	B
Causal Part	382446

Access all our Service Bulletins on <http://prevestparts.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.

