

PREVOST

**WARRANTY
BULLETIN**

WB14-08C

DATE :	MAY 2014	SECTION :	06 - Electrical
EXPIRATION:	MAY 2016		
SUBJECT :	GATEWAY MODULE REPLACEMENT		

Rev :C This bulletin supersedes previous versions
May 24, 2016: Material. Gateway module was 565921, is 560008.

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
H3-41, H3-45 coaches Model Year : 2013 - 2014	 From 2PCH33499 <u>DC712364</u> up to 2PCH33491 <u>EC712571</u> incl. And single vehicles: 2PCH3349X <u>DC712146</u> , 2PCH33494 <u>DC712272</u>
H3-45 VIP motorhomes Model Year : 2013 - 2014	From 2PCVS3497 <u>EC712497</u> up to 2PCVS3496 <u>EC712572</u> incl. And single vehicle: 2PCVS349X <u>DC712248</u>
X3-45 coaches Model Year : 2013 - 2015	From 2PCG33497 <u>EC735459</u> up to 2PCG33497 <u>EC735591</u> incl. And single vehicles: 2PCG33496 <u>CC735241</u> , 2PCG33499 <u>DC735316</u> 2PCG33491 <u>DC735388</u> , 2PCG33492 <u>DC735433</u>
X3-45 VIP motorhomes Model Year : 2013 - 2015	From 2PCBS3493 <u>DC735485</u> up to 2PCBS3496 <u>EC735594</u> incl. And single vehicle 2PCBS3490 <u>EC735740</u>
X3-45 VIP commercial use Model Year : 2015	From 2PCCS3497 <u>EC735494</u> up to 2PCCS3492 <u>EC735595</u> incl.
XLII-45 Entertainer Model Year : 2013	Single vehicles: 2PCYS3492DC73 <u>5374</u> , 2PCY33491DC73 <u>5461</u> , 2PCYS3490DC73 <u>5468</u> , 2PCY33499DC73 <u>5479</u> , 2PCYS3498DC73 <u>5489</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, verify the revision numbers of the steering wheel gateway module and multiplex software. If applicable, replace with the latest version. A power source improvement is also required.

On some vehicles, as a temporary measure, a switch was installed on the left dashboard for cruise control SET and RESUME. This installation must be removed to restore these controls to the steering wheel.

MATERIAL

Order the following parts:

Part No.	Description	Qty
560008	Gateway module	1
563692	Socket Terminal / 20-16 / AMP	1
563623	Butt Splice / 16-14 / Blue / Heat Shrink	1

Other parts that may be required:

Part No.	Description	Qty
562773	Blank switch plug	1
560661	Wire 16 Yellow GXL	A/R

NOTE

Material can be obtained through regular channels.

SPECIAL TOOLS

Part No.	Description	Qty
683766	Pin extractor	1
-	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.

First identify if vehicle has a *temporary cruise set/resume switch* on the left dashboard.

If this is the case, proceed to **STEP A** below.

Else, proceed to **STEP B**, gateway module replacement.

STEP A will detail how to remove the temporary cruise control switch installation.

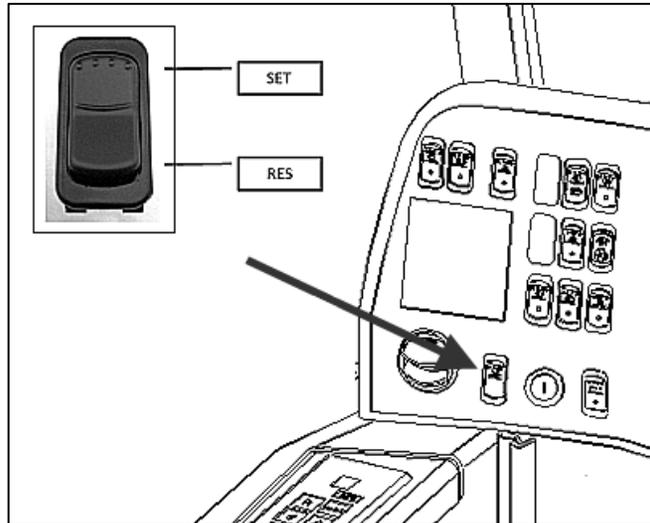


Figure 1

STEP A

A. CRUISE SWITCH REMOVAL

A1. Remove the dashboard cover (5 screws).



Figure 2

A2. In the front service compartment, unplug the following temporary cable to the accessory junction block:

- 24VIF



Figure 3

A3. In the front service compartment, unplug locate VECU Module A81:

→Use extractor 683766 to remove the following wires.

- 541 on JA1
- 545 on JA2

A4. Remove shrink tube and reconnect orange cables 541 and 545 from vehicle harness to VECU. (Fig 4)

- Connect 541 on JA1
- Connect 545 on JA2

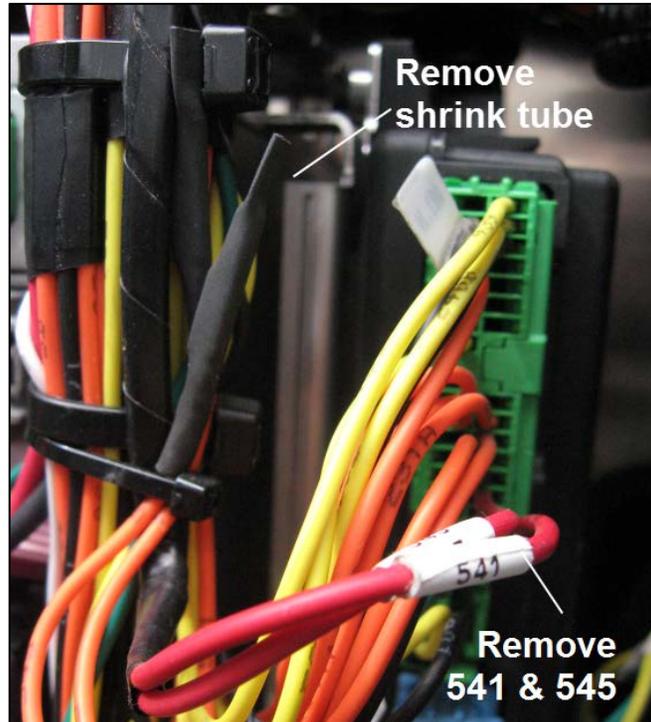


Figure 4

A5. On the left dashboard, remove the temporary switch and temporary harness routed between the front service compartment and the dashboard.

A6. Fill hole in dashboard with blank switch plug. #562773

A7. Proceed to **STEP B**.



Figure 5

STEP B:

B. GATEWAY MODULE REPLACEMENT

- B1. If not already done, remove the dashboard cover (5 screws).



Figure 6

- B2. Locate gateway module. It is installed flat, behind the left portion of the dashboard.

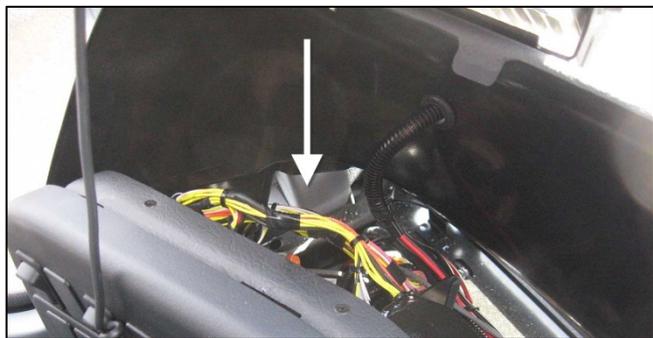


Figure 7

- B4. Unscrew module (2 screws). Disconnect cable.

- B5. Keep old module for parts return.

- B6. Install new module. New module must be to revision SM320 REV:A SW REV:1.00 and up.

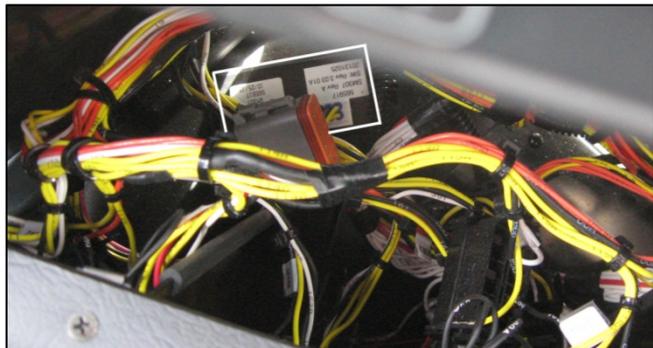


Figure 8



Figure 9

STEP C:

C. POWER CABLE CHANGE

- C1. If not already done, remove the dashboard cover (5 screws).



Figure 10

- C2. Unplug Connector to Gateway module A139.
- C3. Locate wire **439** at **pin 1** of Gateway Module A139. (Fig 11)
- C4. Cut about two inches away from connector. (Fig 11)

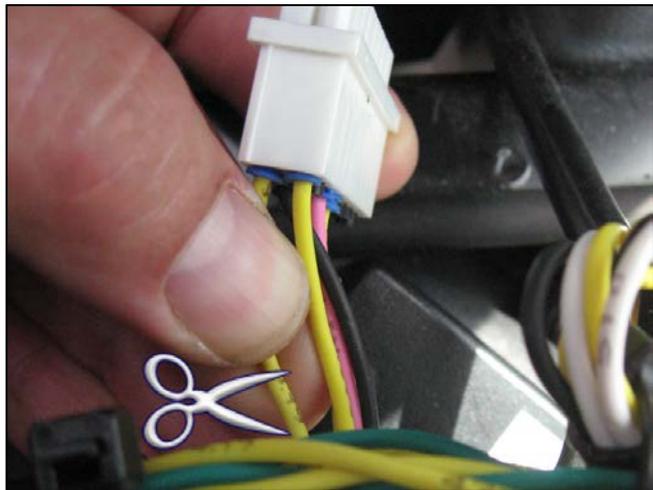


Figure 11

- C5. 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 12)

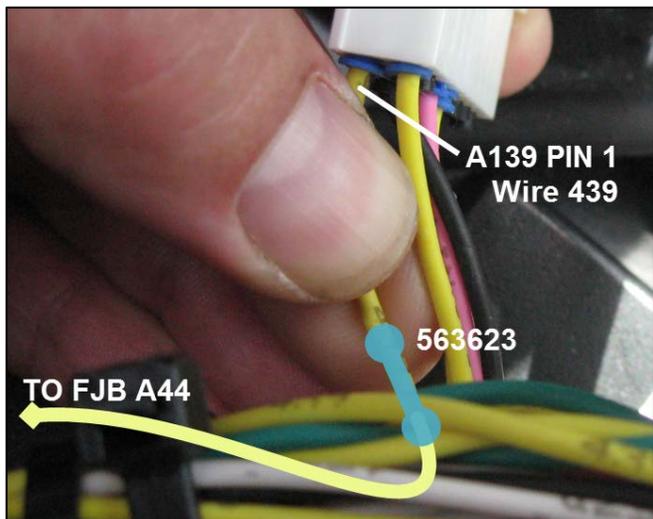


Figure 12

C6. Connect new wire to **A44:J1** using terminal 563692. (Fig 12)

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

Pin: 6 for H3 BUS and X3-45 BUS

C7. Next, proceed to multiplex reprogramming, "Complist 2014".

X3BUS - 06100058 P21 and up

H3BUS- 06100060 P26 and up

VIP/Motorhomes - 06100061 P25 and up

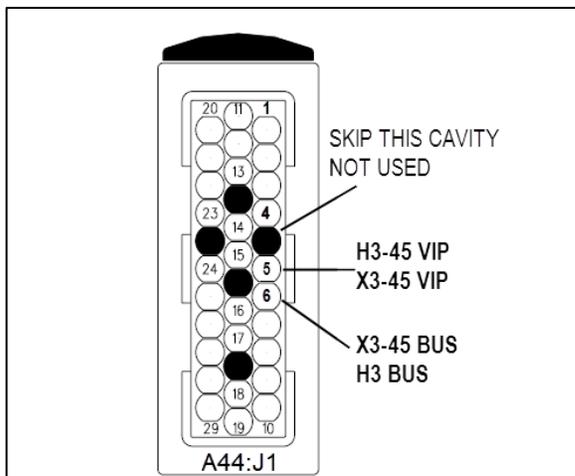


Figure 13

C8. Check proper operation of all controls on the steering wheel:

- Cruise
- Motorized Blinds
- Radio controls
- Etc...

PARTS / WASTE DISPOSAL

All replaced parts must be returned to Prevast according to the Return Shipping Instructions available on <https://www.prevastcar.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 Prevast'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, STEP B and STEP C: two hours (2h) (limited number of vehicles)

STEP B and STEP C: one and a half hour (1.5h) of labor.

Please submit claim via our Online Warranty System, available at www.prevastcar.com (under Service \ Warranty section). Use Claim Type: "Bulletin/Recall" and select "Warranty Bulletin WB14-08".

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://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.

