

# PREVOST

## WARRANTY BULLETIN

**WB18-03**

DATE :	February 2018	SECTION :	06 ELECTRICAL
EXPIRATION:	February 2020		
SUBJECT :	<b>EQUALIZER REPLACEMENT</b>		

### 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	
X3-45 coaches Model Year: 2018	Built in Canada From 2PCG33495 <u>JC736247</u> up to 2PCG33494 <u>JC736269</u> incl.	
	US Built Individual vehicle 4RKG33495 <u>J9737474</u> and from 4RKG33494 <u>J9737448</u> up to 4RKG33494 <u>J9737465</u> incl.	
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, due to a software issue, replace the battery equalizer in the main power compartment.  
 A laptop with VPG software and interface cable is required. Please contact your Prevost customer support manager for this update.

### MATERIAL

Order kit WB18-03 which includes the following parts:

Part No.	Description	Qty
560492	VANNER CANBUS 80 SERIES WITH ISM FUNCTION	1

Other parts that may be required:

Part No.	Description	Qty
502888	SCREW, CAP HEX M6-1.0x35 G8.8 N500	4
5001848	WASHER BEL SPR .827 x .331 x .098 th SS	4

**NOTE**

Material can be obtained through regular channels.

**PROCEDURE**



**DANGER**

Park vehicle safely, apply parking brake, stop engine. Prior to working on the vehicle, set the ignition switch to the OFF position and trip the main circuit breakers equipped with a trip button. On the Commuter type vehicles, set the battery master switch (master cut-out) to the OFF position.

1. At the rear curbside of the vehicle, open the main power compartment.

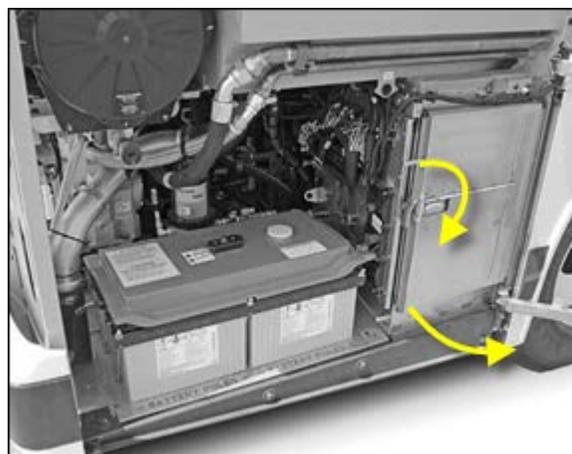


Figure 1

2. The battery equalizer is located in the upper section of the compartment.

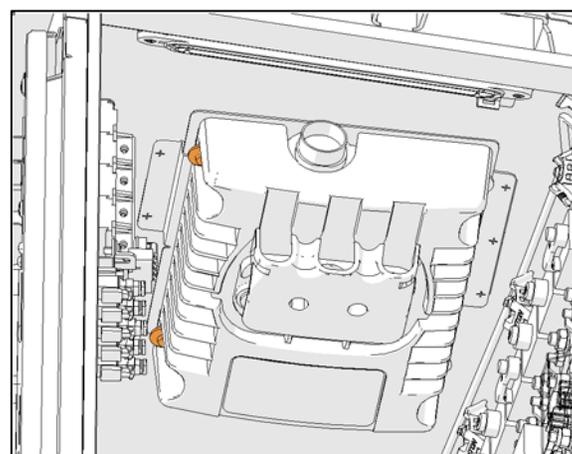


Figure 2

3. Remove cable cover.
4. Keep cover and hardware.

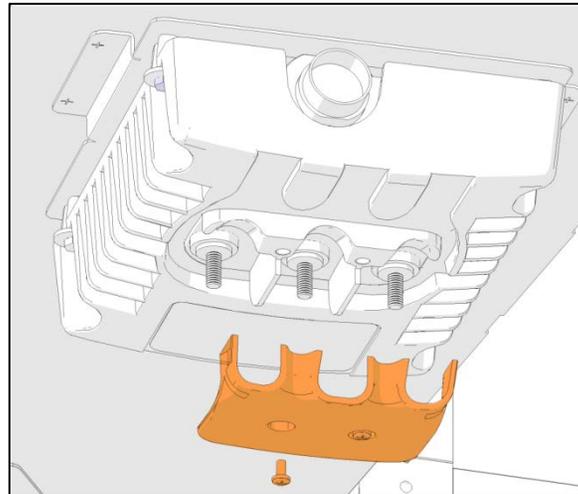


Figure 3

5. Unplug all electrical connections.
6. Re-install the nuts on the studs (3x).

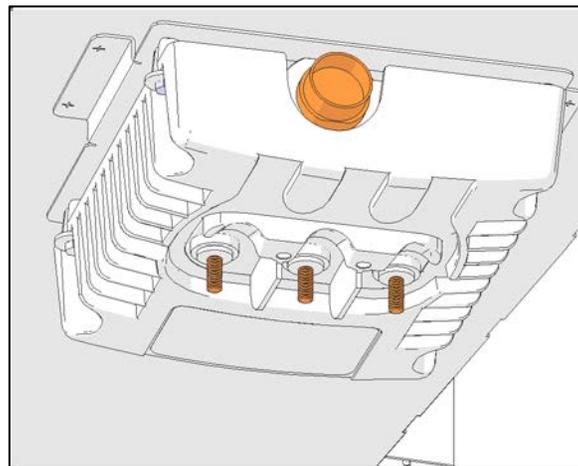


Figure 4

7. Remove old equalizer. Keep hardware.
8. Replace cable cover on old equalizer.
9. Discard old equalizer.
10. Install new equalizer with reserved hardware.

Tighten to **68 lb-in (7.7 Nm)**

If hardware is lost or damaged, order:

4x 502888 Screw M6 x 35

4x 5001848 Belleville Washer

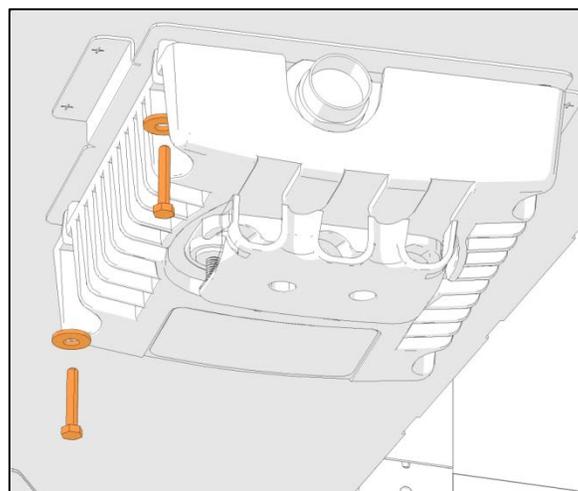


Figure 5

11. Remove the cable cover.
12. Keep cover and hardware.

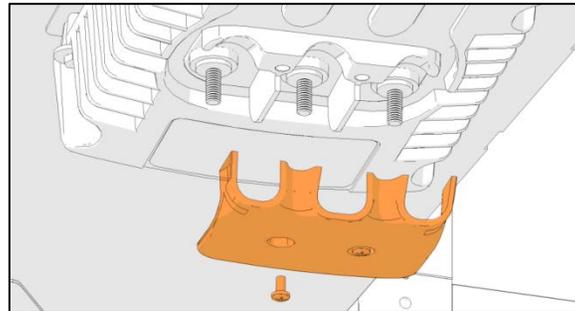


Figure 6

13. Make all electrical connections. Use hardware supplied with equalizer.
14. Tighten stud nuts to 100 lb-in (3x)

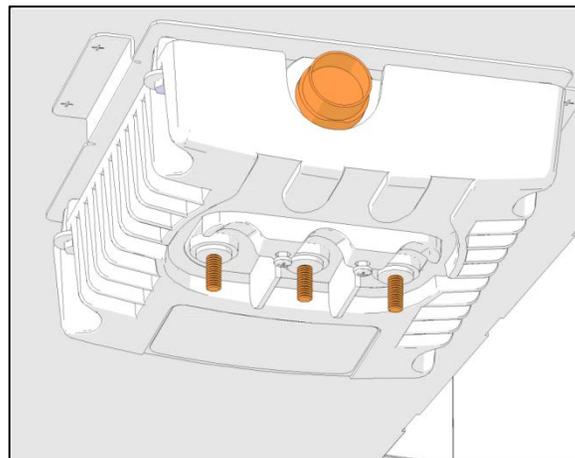


Figure 7

15. Replace cable cover.

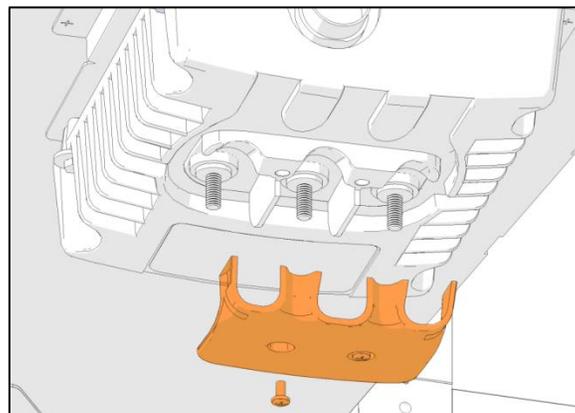


Figure 8

16. Using a laptop with VPG software installed and interface cable, update multiplex software to the following minimum versions.  
X3-45, NAE 2017 (06100113.**P07**)  
VIP / MTH NAE 2017 (06100110.**P13**)
17. Confirm proper operation of equalizer.

## PARTS / WASTE DISPOSAL

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 the parts and one hour hour(s) (1.0h) of labor upon receipt of a warranty claim. Please submit claim via our Online Warranty System, available at [www.prevostcar.com](http://www.prevostcar.com) (under Service \ Warranty section). Use Claim Type: "Bulletin/Recall" and select "Warranty Bulletin WB18-03".

## OTHER

VBC Bulletin	N/A
Fail Code	06.10
Defect Code	09
Syst. Cond	B
Causal Part	560492

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