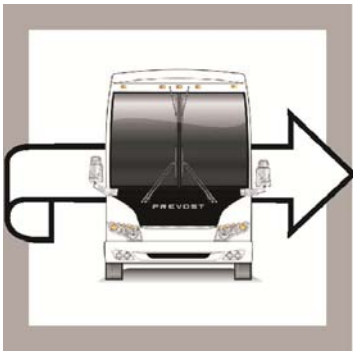

PREVOST

WARRANTY BULLETIN

WB18-07

DATE :	March 2018	SECTION :	06 ELECTRICAL
EXPIRATION:	March 2020		
SUBJECT :	**REVERSED BUSBAR AT CIRCUIT BREAKER CB13 - VEHICLES EQUIPPED WITH A CURRENT INVERTER**		

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 : 2018	2PCH33492***J***C71***3934***
X3-45 Commuter Model Year : 2017	4RKJ33498***H***973***7386***
X3-45 coaches Model Year : 2017 - 2018	2PCG33492***G***C73***5968*** 2PCG33490***H***C73***6182*** 2PCG33496***H***C73***6185*** 2PCG33491***H***C73***6188*** 2PCG3349X***H***C73***6190*** 2PCG33497***H***C73***6194*** 2PCG33490***H***C73***6196*** 2PCG33492***H***C73***6197*** 2PCG33499***H***C73***6200*** 2PCG33495***H***C73***6209*** 2PCG33493***J***C73***6215*** 2PCG33499***J***C73***6218*** 2PCG33499***J***C73***6221*** 2PCG3349X***J***C73***6227*** 2PCG3349X***J***C73***6230*** 2PCG33490***J***C73***6236*** 2PCG33492***J***C73***6237*** 2PCG33496***J***C73***6239*** 2PCG33491***J***C73***6245*** 4RKG33491***H***973***7417*** 4RKG33493***H***973***7418*** 4RKG33495***H***973***7419*** 4RKG33491***H***973***7420*** 4RKG33493***H***973***7421*** 4RKG33495***H***973***7422*** 4RKG33497***H***973***7423*** 4RKG33499***H***973***7424*** 4RKG33490***H***973***7425*** 4RKG33492***H***973***7426*** 4RKG33494***H***973***7427*** 4RKG33496***H***973***7428*** 4RKG33498***H***973***7429*** 4RKG33497***J***973***7430*** 4RKG33499***J***973***7431*** 4RKG33490***J***973***7432*** 4RKG33492***J***973***7433*** 4RKG33494***J***973***7434*** 4RKG33496***J***973***7435***

	2PCG33493***J***C73***6246*** 2PCG33495***J***C73***6247*** 2PCG33497***J***C73***6248*** 2PCG33497***J***C73***6251*** 2PCG33499***J***C73***6252*** 2PCG33490***J***C73***6253*** 2PCG33492***J***C73***6254*** 2PCG33496***J***C73***6256*** 2PCG33491***J***C73***6259*** 2PCG33498***J***C73***6260*** 2PCG3349X***J***C73***6261*** 2PCG33493***J***C73***6263***	4RKG33498***J***973***7436*** 4RKG3349X***J***973***7437*** 4RKG33491***J***973***7438*** 4RKG33493***J***973***7439*** 4RKG3349X***J***973***7440*** 4RKG33493***J***973***7442*** 4RKG33495***J***973***7443*** 4RKG33497***J***973***7444*** 4RKG33499***J***973***7445*** 4RKG33490***J***973***7446*** 4RKG33492***J***973***7447*** 4RKG33494***J***973***7448*** 4RKG33496***J***973***7449*** 4RKG33492***J***973***7450*** 4RKG33494***J***973***7451*** 4RKG33496***J***973***7452*** 4RKG33498***J***973***7453*** 4RKG3349X***J***973***7454*** 4RKG33491***J***973***7455*** 4RKG33493***J***973***7456*** 4RKG33497***J***973***7458*** 4RKG33493***J***973***7473***
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, the busbar connected to circuit breaker CB13 (power inverter) may have been installed reversely. It is necessary to check and to correct the installation if applicable. In the case of improper installation, it is also necessary to check if the threads of the circuit breaker stud are damaged.

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.

PART 1 - INSPECTION

1. Locate circuit breaker CB13.

NOTE
Usually, circuit breaker CB13 is installed in the main power compartment. On some vehicles, it is installed behind the mirror in the lavatory.

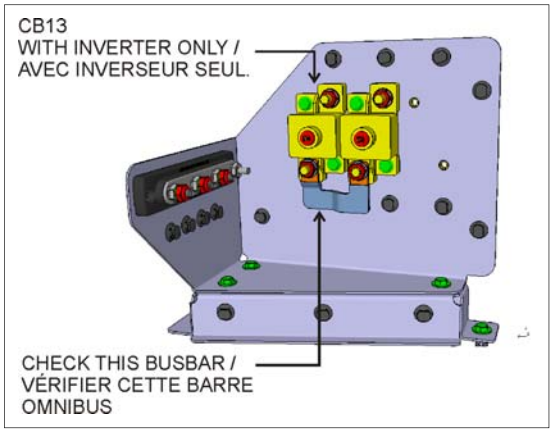

FIGURE 1 : CB13 IN THE LAVATORY, BEHIND THE MIRROR

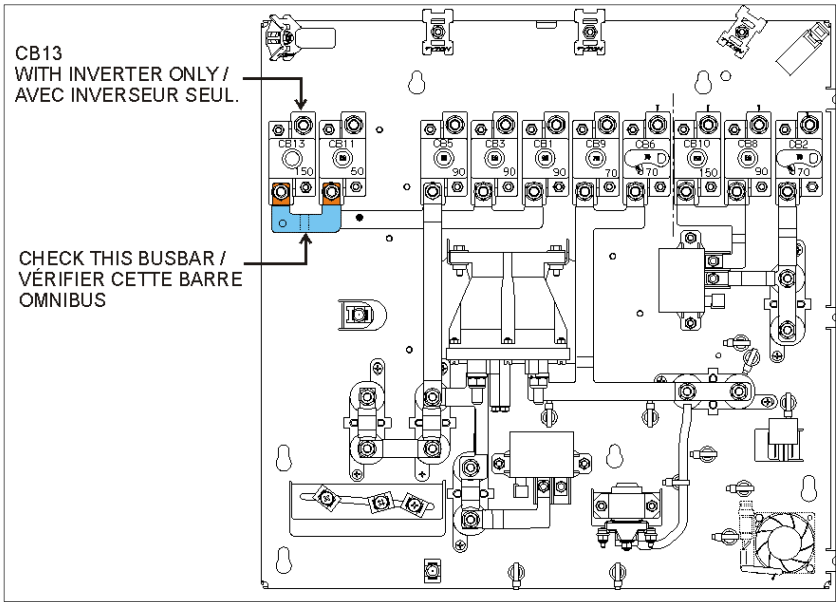

FIGURE 2 : CB13 IN MAIN POWER COMPARTMENT

2. Check if the busbar is installed correctly. The “flat” on the busbar must be placed on the circuit breaker located on the R.H. side of CB13.

3. If the busbar is installed properly, no further verification is necessary, just connect the ground cable (see PART 4).

   If the busbar is not installed properly, go to PART 2- CORRECTING THE INSTALLATION.

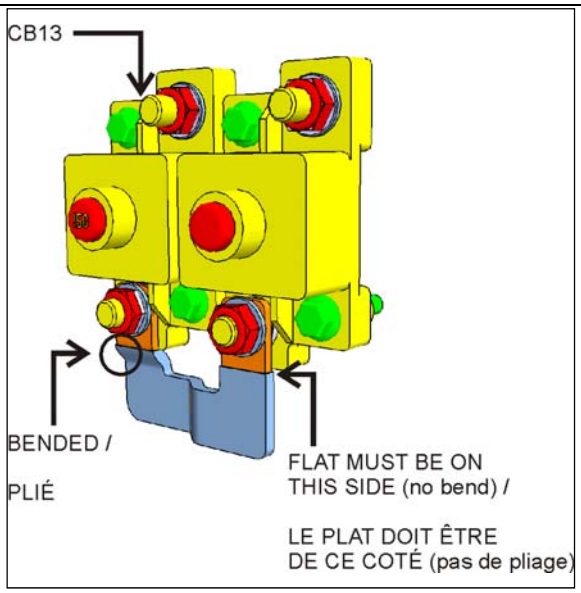

FIGURE 3 : CORRECT INSTALLATION

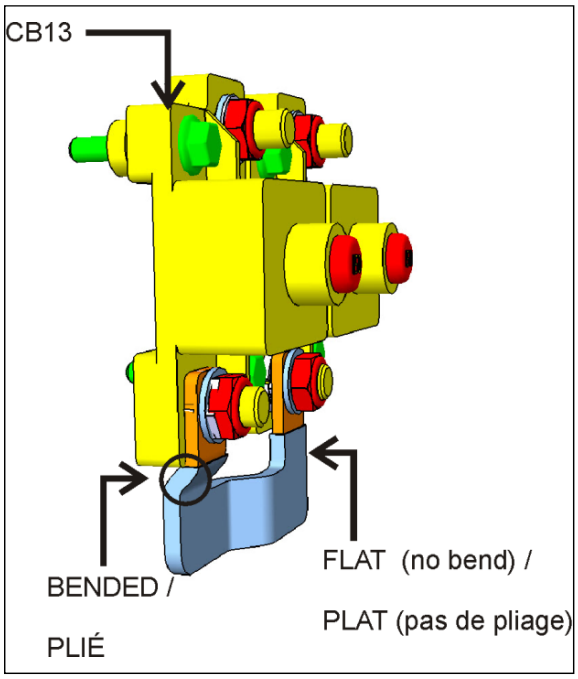

FIGURE 4 : CORRECT INSTALLATION (different view)

PART 2 – CORRECTING THE INSTALLATION

GROUND CABLE DISCONNECTION

4. Breaker CB13 is connected directly to the battery. Therefore, it is necessary to disconnect the ground cable reaching to the chassis at the battery installation in order to avoid any risk of short circuit during the removal and installation of the busbar.

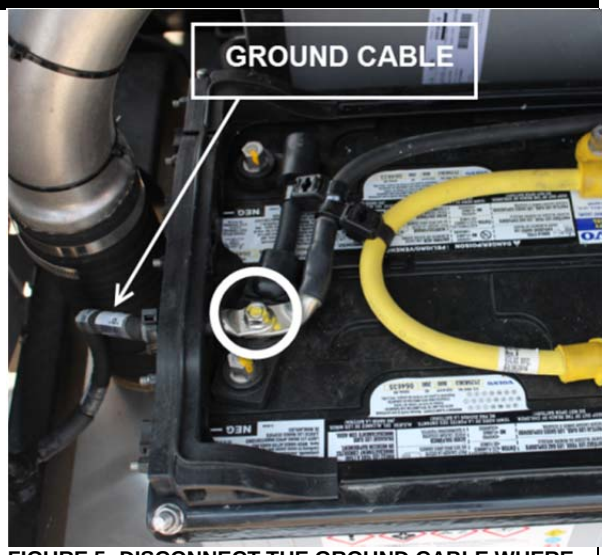

FIGURE 5: DISCONNECT THE GROUND CABLE WHERE INDICATED WITH A CIRCLE

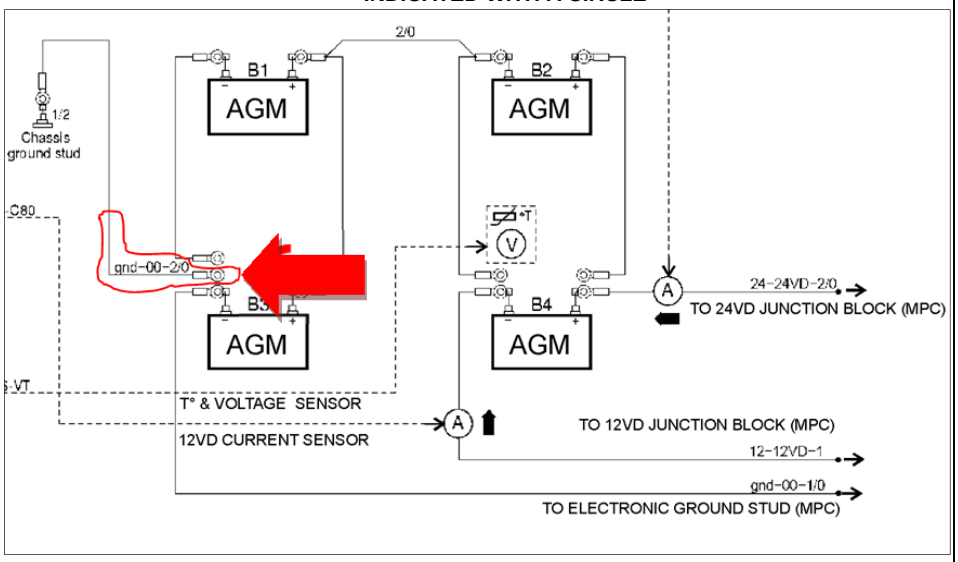

FIGURE 6 : DISCONNECT THE GROUND CABLE THAT REACH THE CHASSIS

PART 3 – INSTALLING THE BUSBAR PROPERLY

5. Remove the busbar and reinstall in accordance with the following criterion (see image at right) :

   The "flat" on the busbar must be placed on the circuit breaker located at the R.H. side of CB13.

   Nut torque: 135 lbs-in (15 Nm)

   IMPORTANT NOTE

   a) Replace the busbar if it is damaged, warped or cannot assure a good electrical contact with the surface of the circuit breaker.

      - *busbar, part no 067465*

   b) Replace circuit breaker CB13 if the stud or the threads are damaged and cannot assure an adequate tightening/clamping of the busbar.

      - *circuit breaker CB13 150A, part no 568114*

   c) Replace circuit breaker found at the right of CB13 if the stud or the threads are damaged and cannot assure an adequate tightening/clamping of the busbar. This circuit breaker may be 150A or 50A. **CAUTION: Replace with a circuit breaker of the same type/capacity.**

      - *circuit breaker 150A, part no 568114*
      or
      - *circuit breaker 50A, part no 568127*

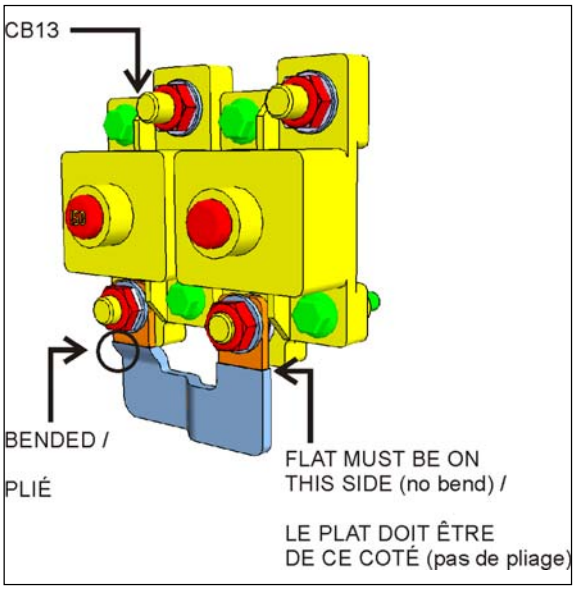

FIGURE 7

PART 4 – CONNECTING THE GROUND CABLE

6. Connect the ground cable.

   Nut torque: ***170 lbs-in (19 Nm)***

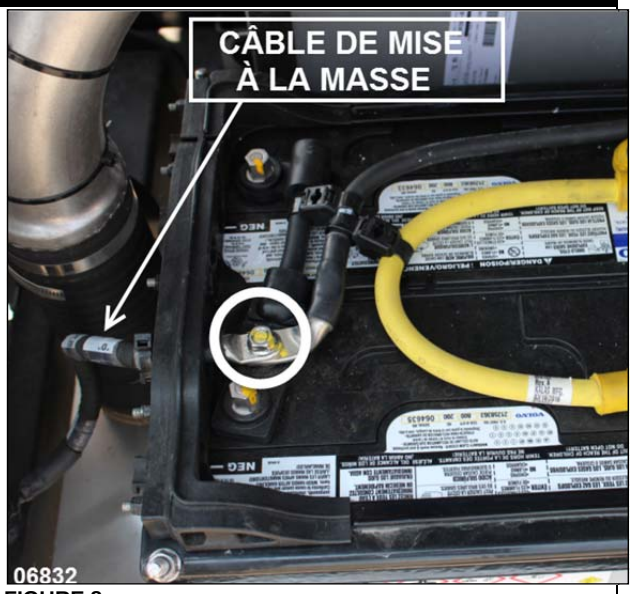

FIGURE 8

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 half an hour (0.5) of labor upon receipt of a warranty claim. Please submit claim via our Online Warranty System, available at www.prevostcar.com (under Service \ Warranty section). Use Claim Type: "Bulletin/Recall" and select ''Warranty Bulletin WB18-07 ".

OTHER

VBC Bulletin	N/A
Fail Code	06.06
Defect Code	09
Syst. Cond	B
Causal Part	067475

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