

PREVOST

WARRANTY BULLETIN

WB20-03

DATE :	May 2020	SECTION :	13 WHEEL, HUB & TIRES
EXPIRATION:	May 2022		
SUBJECT :	TIRE PRESSURE MONITORING SYSTEM – ANTENNAS INSPECTION		

First Release

May 04-2020

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
H3-45 coaches Model Year : 2020	 2PCH33498 <u>LC720910</u> 2PCH33491 <u>LC720912</u> 2PCH33493 <u>LC720913</u> 2PCH33492 <u>LC720918</u> 2PCH33494 <u>LC720922</u> 2PCH33498 <u>LC720924</u> 2PCH33493 <u>LC720930</u>
X3-45 coaches Model Year : 2020	2PCG33491 <u>LC736524</u> 2PCG33497 <u>LC736527</u> 4RKG33491 <u>L9737684</u> 4RKG33493 <u>L9737685</u> 4RKG33490 <u>L9737689</u> 4RKG33496 <u>L9737695</u> 4RKG33496 <u>L9737700</u>
<p>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.</p>	

DESCRIPTION

On the vehicles affected by this bulletin, perform the TPMS antennas inspection and apply the corrective measures if applicable.

MATERIAL

Some material might be required. Refer to text.

<i>NOTE</i>
<i>Material can be obtained through regular channels.</i>

PROCEDURE



DANGER

Park vehicle safely, apply parking brake, stop the 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.

Lock out & Tag out (LOTO) must be performed during set-up, maintenance or repair activities. Refer to your local procedure for detailed information regarding the control of hazardous energy.

FRONT END

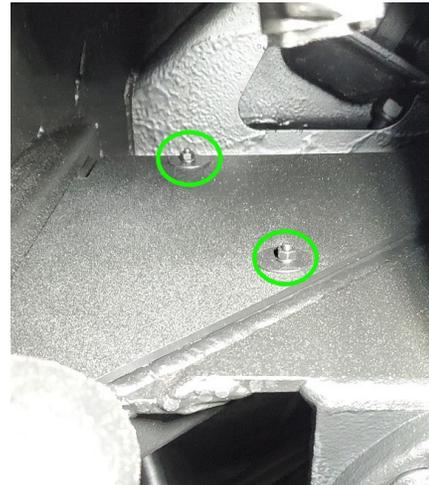
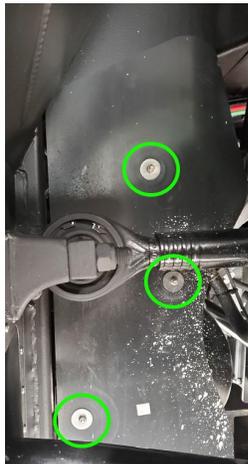
1. Turn the ignition OFF and lift the vehicle.



2. Remove the access panel shown.

H3

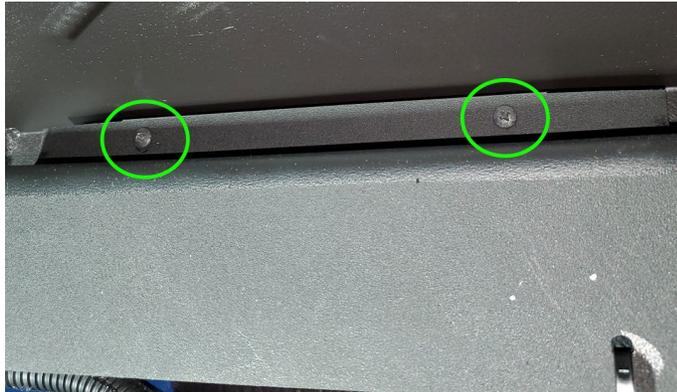
X3



3. Cut the two nylon ties attached to the TPMS antenna protection panel.



4. Remove the TPMS antenna protection panel.



5. Check the antenna identification number. The identification number of this specific antenna must end with 100-A.

There are three antennas installed on the vehicle. If the antenna identification number at this location does not end with 100-A, the proper antenna has been installed at another location. In this case, the antenna identified 100-A will have to be installed at this location.



6. Cut the nylon tie securing the connector and disconnect.



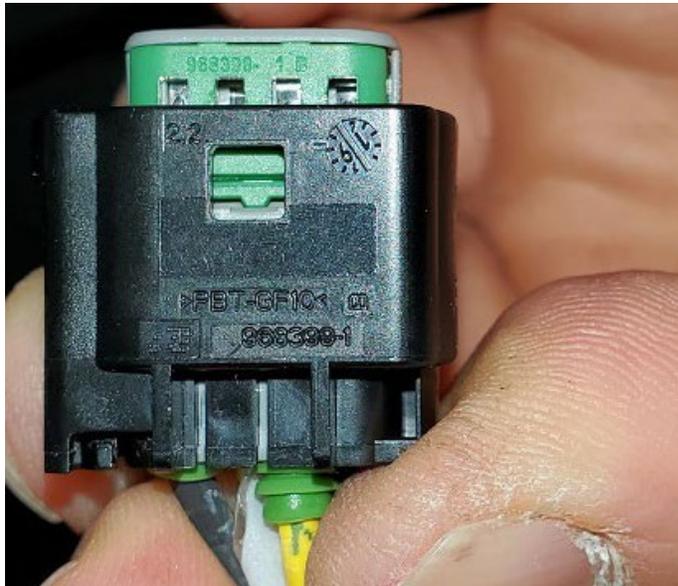
7. Check inside the antenna connector and make sure that the connector pins are in proper condition.



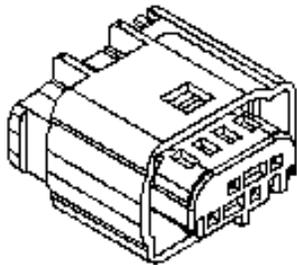
8. Make sure that the connector is the appropriate one. Inappropriate connector will not lock properly and may not be watertight.

Proper connector part number is #563632.

Connector #563632, socket housing,
4-circuit



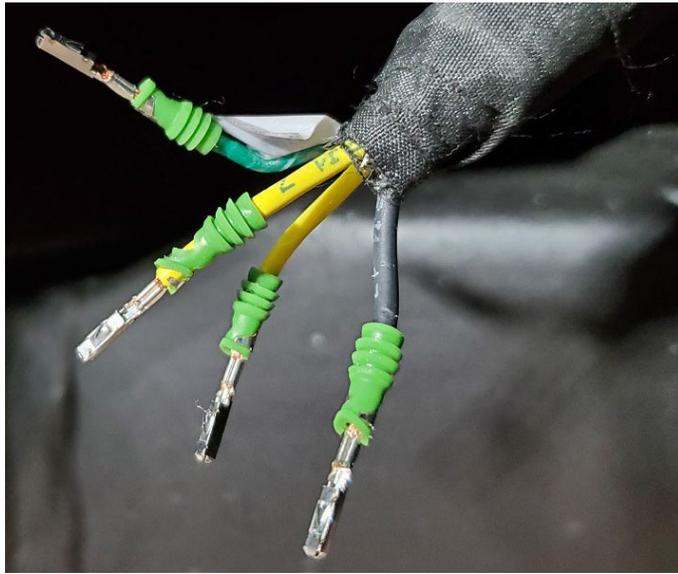
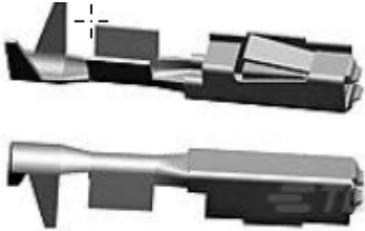
563632
AMP#2-967640-1



SOCKET HOUSING 4C

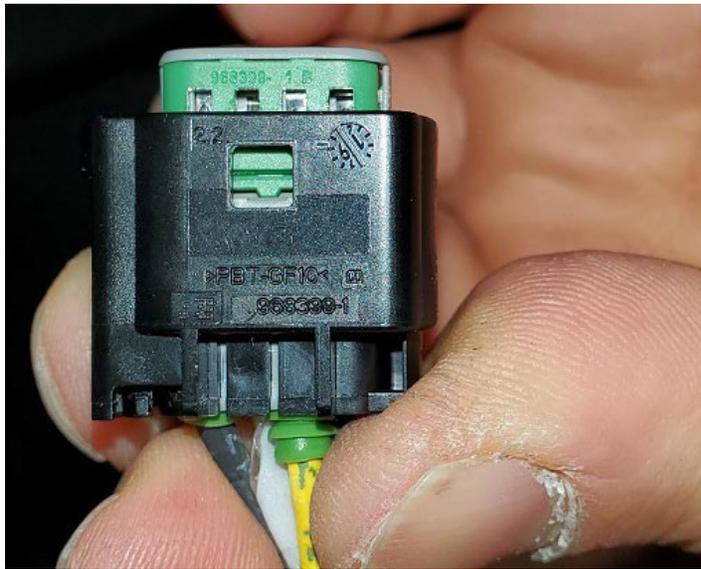
- 9. Check the socket terminals.
- 10. Make sure that the socket terminals are the appropriate ones.

Proper socket terminal part number is #564626



- 11. Install the new connector #563632 if applicable with new socket terminals #564626 (4x) and seals #563760 (4x).

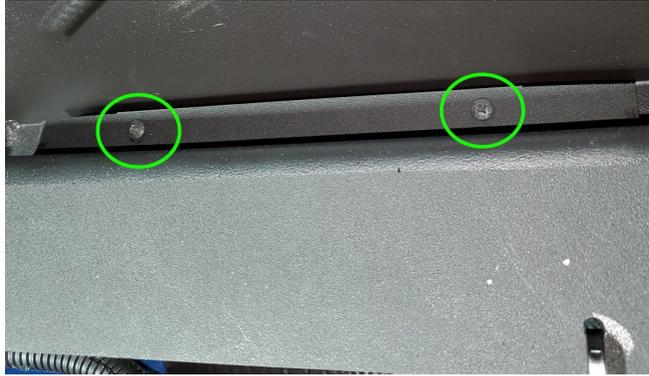
cavity	circuit
1	ANT_CANL
2	ANT_PWR
3	ANT_CANH
4	ANT_GND



- 12. Plug the connector and secure the connector with a nylon tie.



13. Reinstall the antenna protective panel.



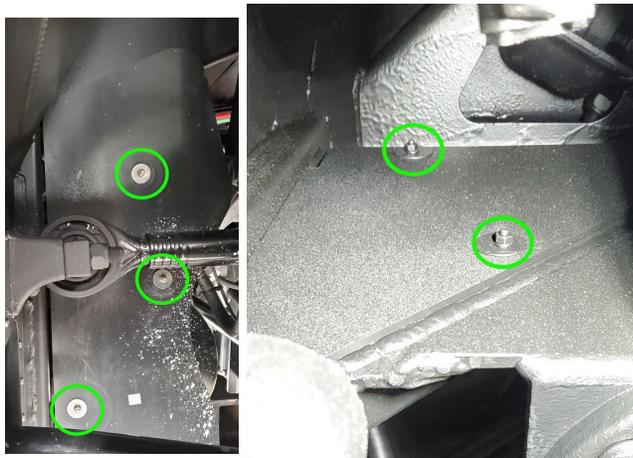
14. Secure the harness using two nylon ties.



15. Reinstall the access panel.

H3

X3



16. Lower the vehicle.



REAR END

1. Remove the curb side rear fender as well as the street-side rear fender.

H3



X3



2. Remove both antennas protection shield.



3. Check both antennas identification number. The identification number must be as flows:

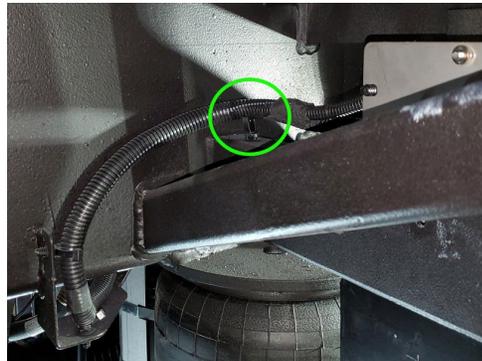
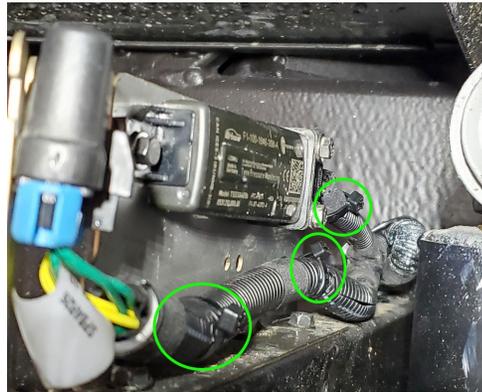
Curb side: 200-A

Street side: 300-A



4. Cut the nylon ties and disconnect both antennas and resistance.

Pull on the harness to make it more accessible.



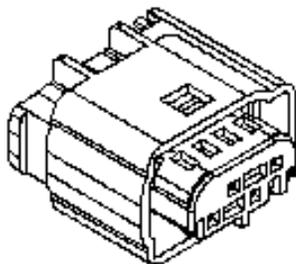
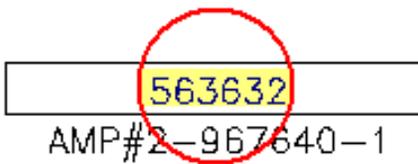
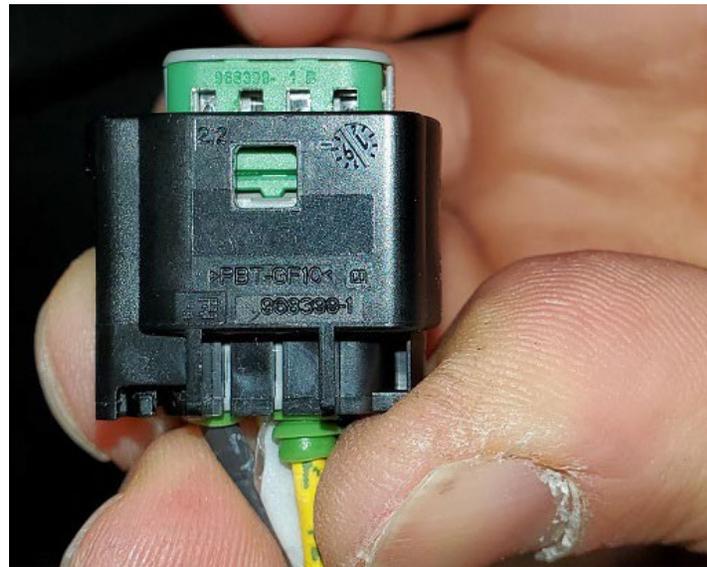
5. Check inside the antennas connector and make sure that the connector pins are in proper condition.



6. Make sure that the connector is the appropriate one. Inappropriate connector will not lock properly and may not be watertight.

Proper connector part number is #563632.

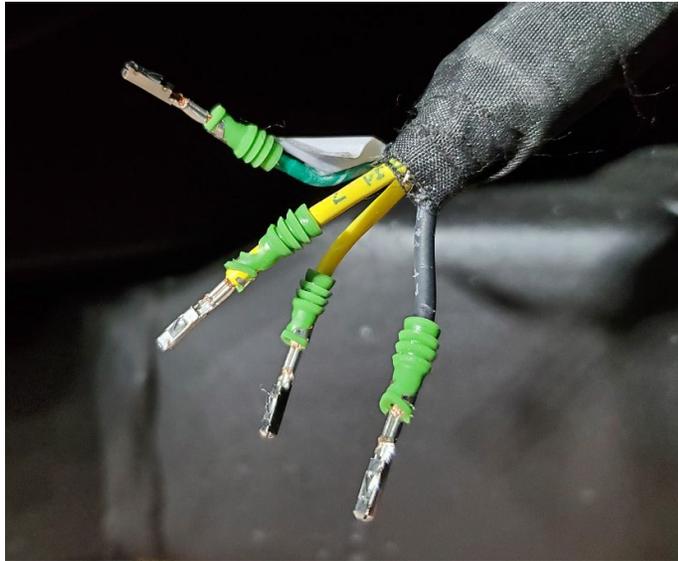
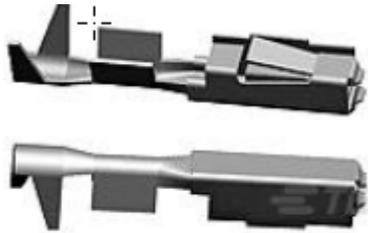
Connector #563632, socket housing,
4-circuit



SOCKET HOUSING 4C

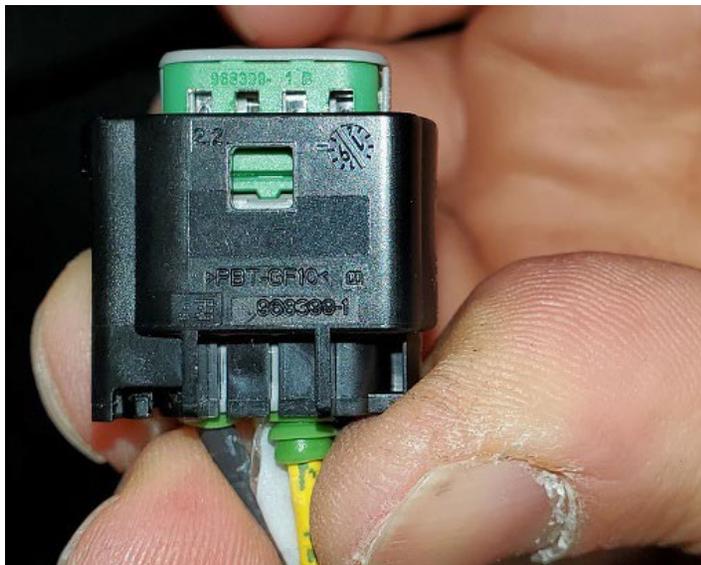
7. Check the socket terminals.
8. Make sure that the socket terminals are the appropriate ones.

Proper socket terminal part number is #564626

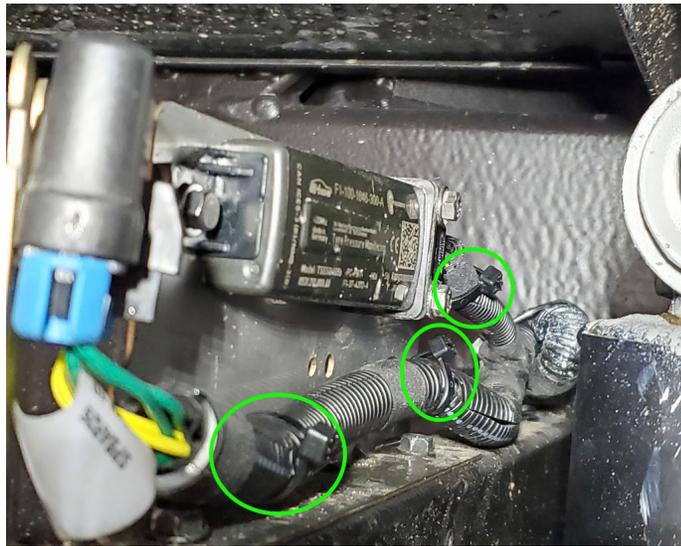
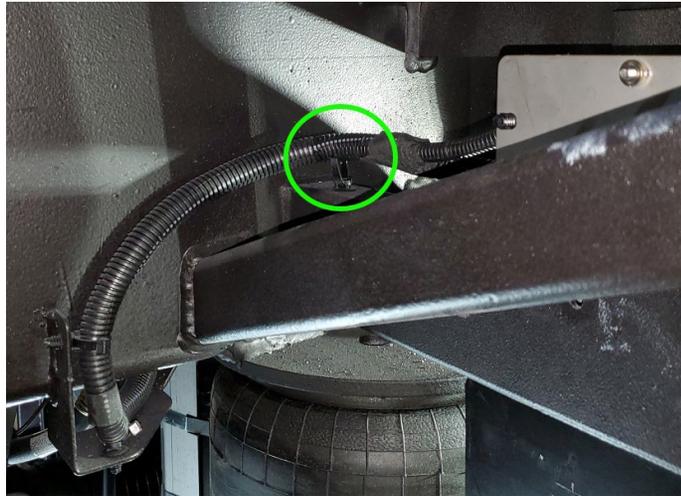


9. Install the new connector #563632 if applicable with new socket terminals #564626 (4x) and seals #563760 (4x).

cavity	circuit
1	ANT_CANL
2	ANT_PWR
3	ANT_CANH
4	ANT_GND



10. Plug the connectors and secure the connector with a nylon tie.



11. Reinstall both antennas protection shield.



12. Reinstall both fenders.

H3

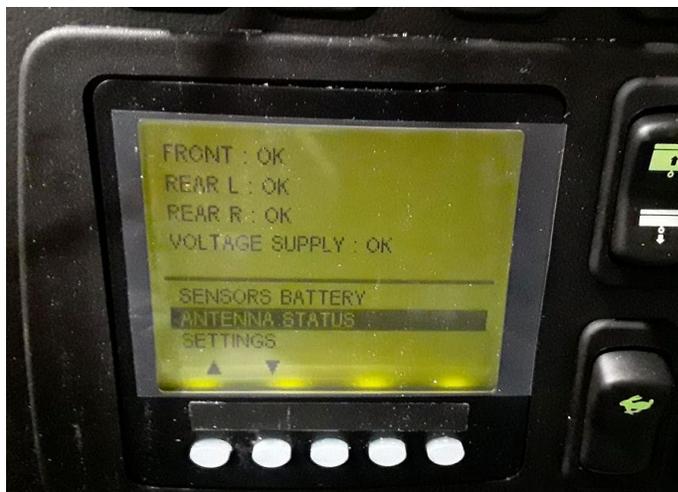


X3



SYSTEM CHECK

13. Turn the ignition switch to the ON position and wait 10 minutes. Check if a code appears on the TPMS screen. If no codes related to the antennas appear then the antennas are properly connected.



PARTS / WASTE DISPOSAL

All replaced parts (antenna only is applicable) must be returned to Prevost according to the Return Shipping Instructions available on <https://www.prevostcar.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 Prevost's normal warranty. We will reimburse you the parts and 1 ½ hours (1.5) 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 WB20-03".

OTHER

VBC Bulletin	N/A
Fail Code	13.03-1
Defect Code	09
Syst. Cond	B
Causal Part	563520

Access all our Service Bulletins on
<http://techpub.prevostcar.com/en/>
or scan the QR-Code with your smart phone.



Are you a Vehicle owner? E-mail us at technicalpublications_prev@volvo.com and type "ADD" in the subject to receive warranty bulletins applicable to your vehicle(s) by e-mail.