

PREVOST

WARRANTY BULLETIN


WB24-30

DATE :	September 2024	SECTION:	06 ELECTRICAL
EXPIRATION:	September 2026		
SUBJECT:	REORGANIZING CONDENSER FAN POWER DISTRIBUTION		

First Release

09-06-2024

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 
X3-45 coaches Model Year: 2024	From 2PCG33492RC734001 up to 2PCG3349XRC734117 incl.
<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, reorganize the condenser fans power distribution.

MATERIAL

Order kit **WB24-30** which contains **0600595** which contains following parts:

Part No	Description	Qty
0600336	FUSE HOLDER FAN HARNESS	1
5001341	WASHER FLAT SS 8.4X16X1.6	1
5001787	NUT HEX NYRT SS M8-1.25X9.5	1
563153	FUSE ATM 25A	4
564899	SMALL FUSE HOLDER	1
0600520	DECAL REAR JUNCTION BOX COMPONENTS	1
504637	CABLE TIE, NYLON BLK (STD)	10

Other parts that may be required. **Note that this part is not covered by this bulletin:**

Part No.	Description	Qty
685353	YELLOW TORQUE SEAL, 1 OZ	AR

NOTE

Material can be obtained through regular channels.

SAFETY PRECAUTIONS

- Eye protection should always be worn when working in a shop.
- Rules for Personal Protection Equipment should always be respected. Wear your PPE including but not limited to the following:



Safety First!



PROCEDURE



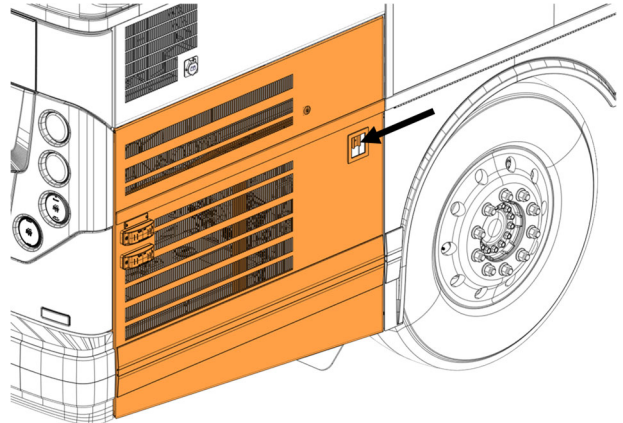
DANGER

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.

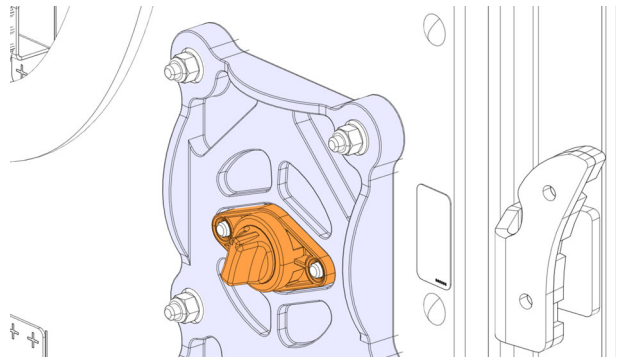
Lockout & Tag out (LOTO) must be performed during set-up, maintenance or repair activities. Refer to your local procedure for detailed information regarding the control of hazardous energy.

HARNES MODIFICATION

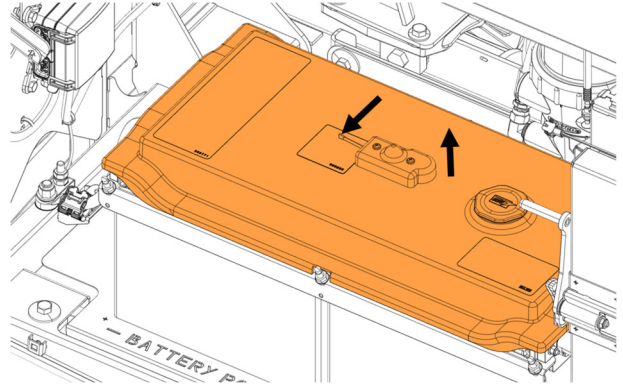
1. Open the compressor door.



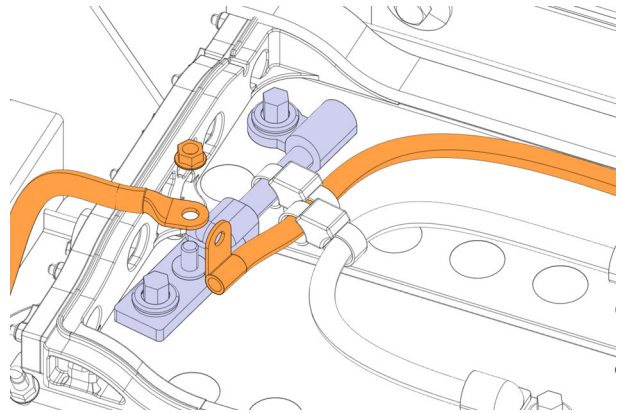
2. Turn the main electrical shut-off switch to **OFF**.



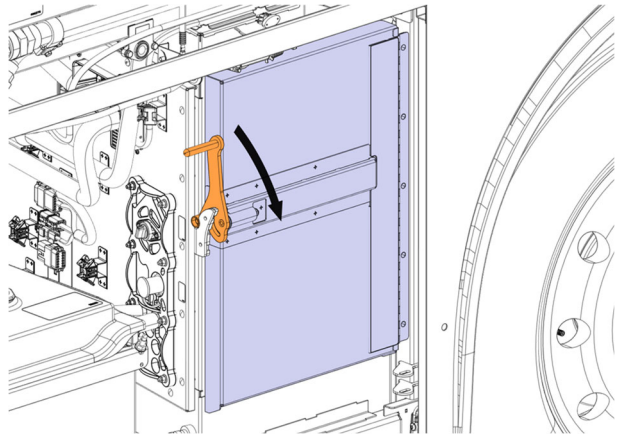
3. Remove the battery cover.



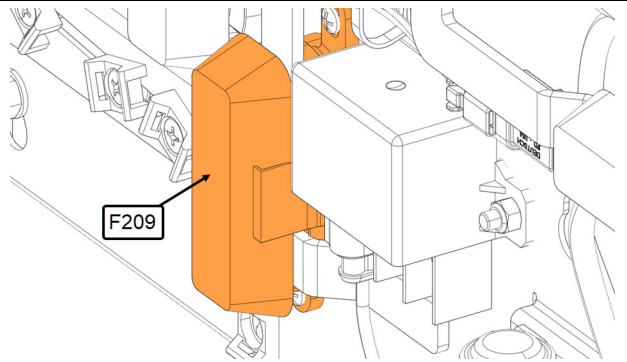
4. Disconnect the battery ground.



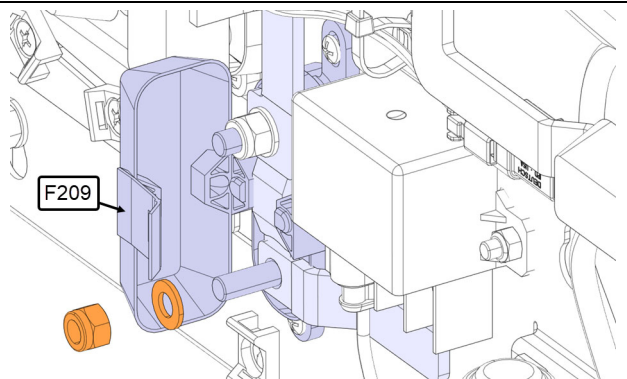
5. Open the rear junction box.



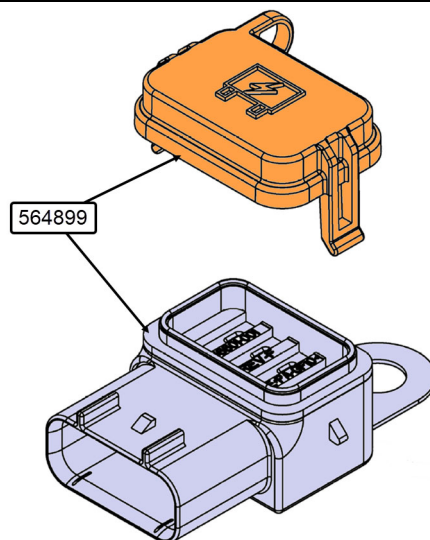
6. Locate the fuse holder **F209**.



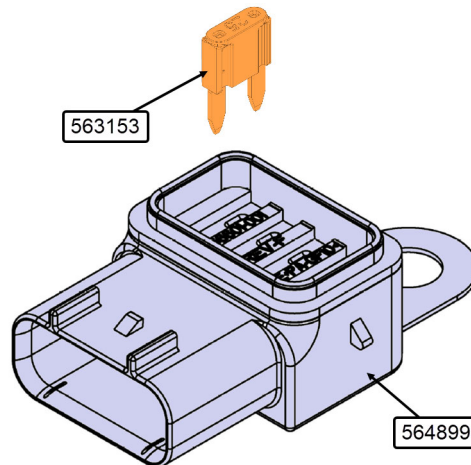
7. Open the fuse holder **F209**.
8. Remove the bottom nut and washer and discard.



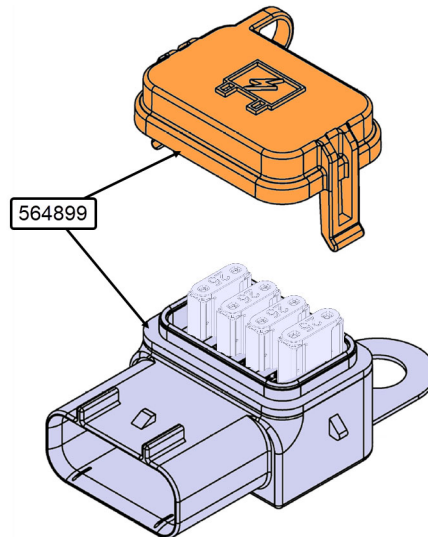
9. Open the new fuse holder 564899.



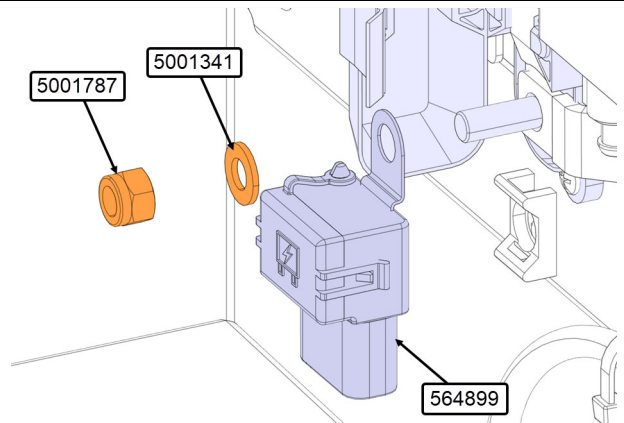
10. Install the new fuses 563153 (4x) on the fuse holder 564899.



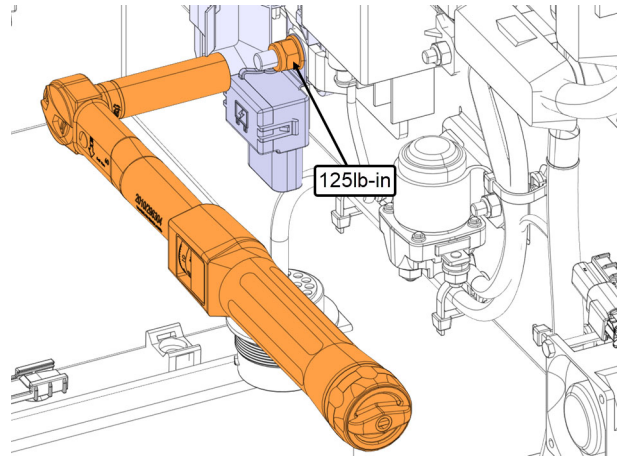
11. Close the new fuse holder 564899.



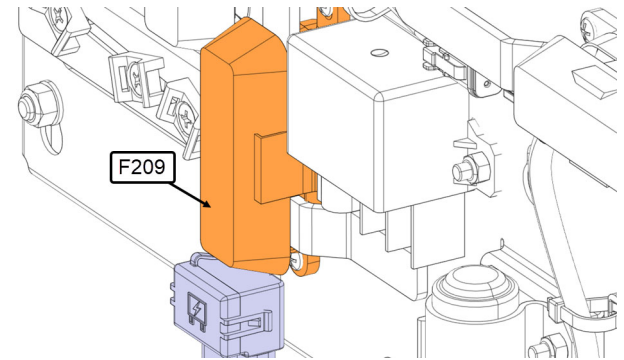
12. Install the new fuse holder 564899 on fuse holder **F209** with nut 5001787 and washer 5001341.



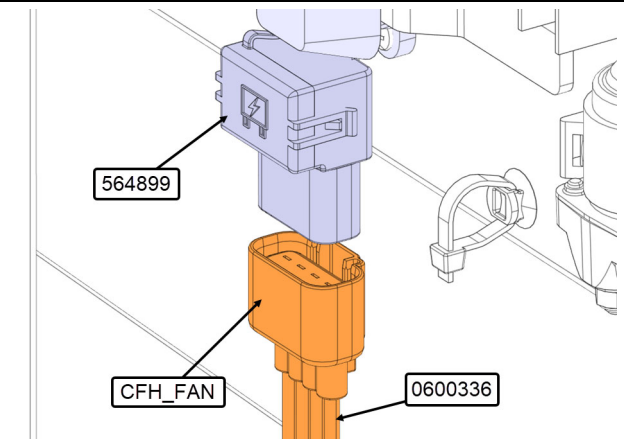
13. Tighten the nut with to torque of **125 lb-in.**
14. Apply torque seal 685353 on the nut.



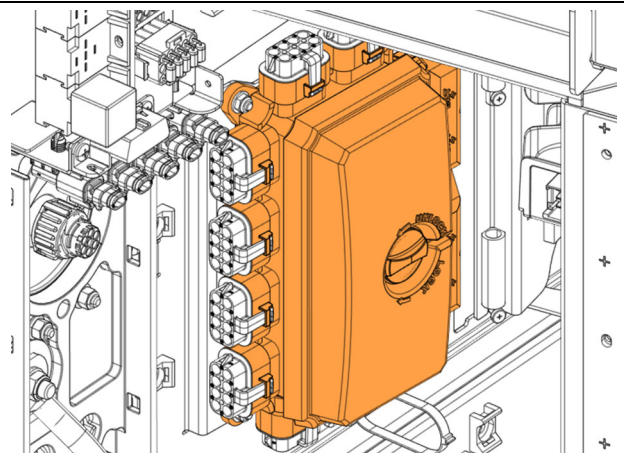
15. Close the fuse holder **F209**



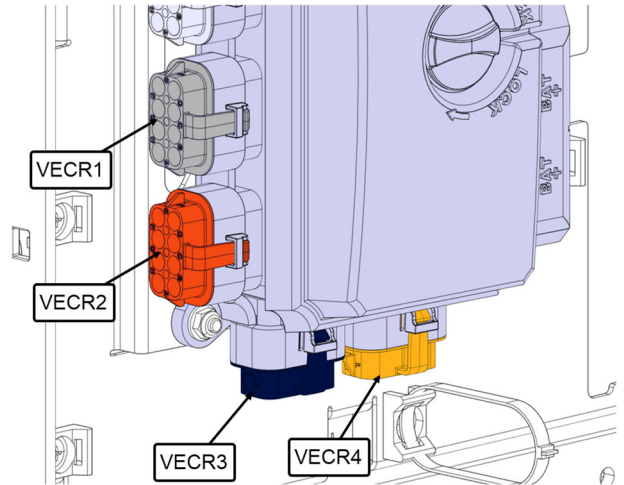
16. Plug the connector **CFH_FAN** of the harness 0600336 to the fuse holder 564899.



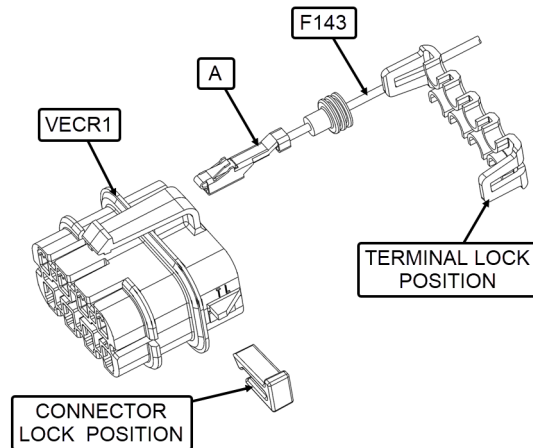
17. Locate the VEC module.



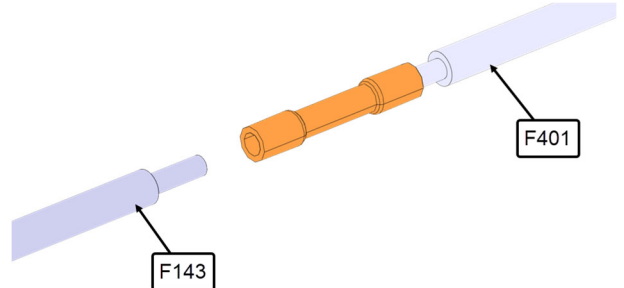
18. Locate the connectors **VECR1** (gray), **VECR2** (red), **VECR3** (black) and **VECR4** (orange).



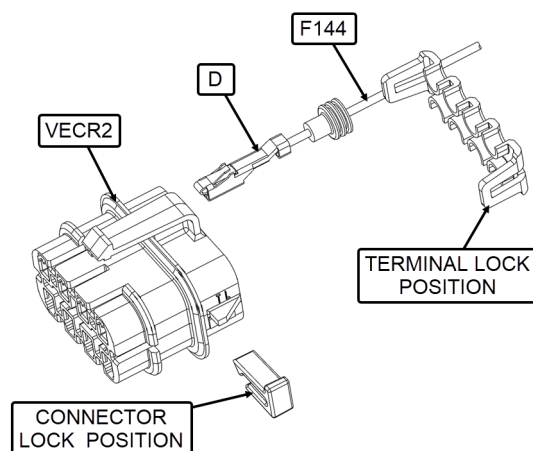
19. Remove the connector lock position of connector **VECR1**.
 20. Disconnect **VECR1**.
 21. Remove the terminal lock position of the connector **VECR1**.
 22. Remove the terminal **F143** at position **A** of connector **VECR1**.
 23. Reinstall the terminal lock position of the connector **VECR1**.
 24. Reconnect **VECR1**.
 25. Reinstall the connector lock position assurance of connector **VECR1**.



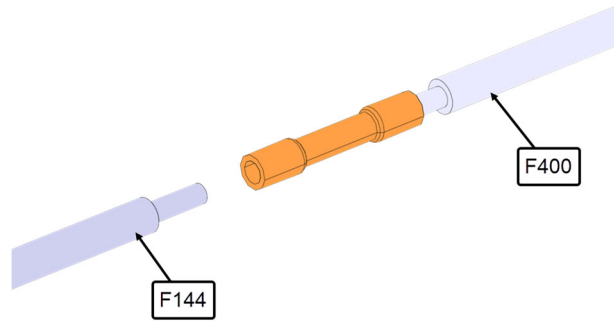
26. Remove the terminal of **F143**.
 27. Connect the wire **F143** to butt splice **F401** of new harness 0600336.
 28. Heat the butt splice shrink sleeve.



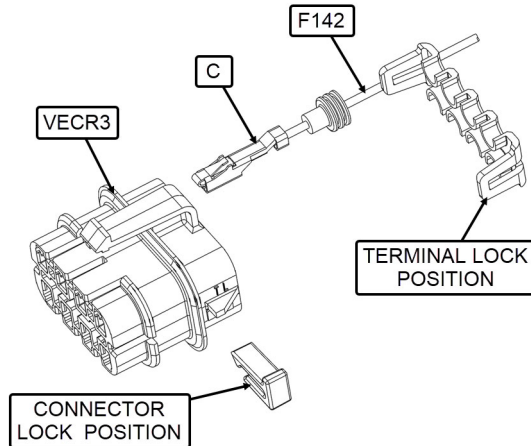
29. Remove the connector lock position of connector **VECR2**.
 30. Disconnect **VECR2**.
 31. Remove the terminal lock position of the connector **VECR2**.
 32. Remove the terminal **F144** at position **D** of connector **VECR2**.
 33. Reinstall the terminal lock position of the connector **VECR2**.
 34. Reconnect **VECR2**.
 35. Reinstall the connector lock position assurance of connector **VECR2**.



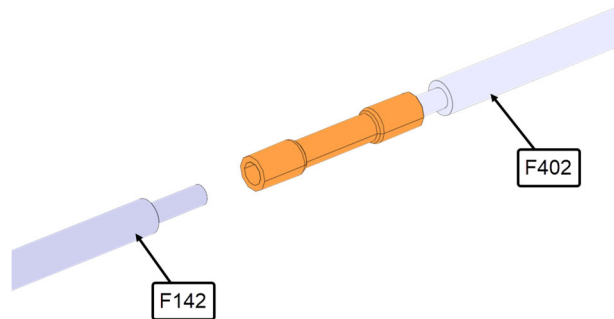
36. Remove the terminal of **F144**.
37. Connect the wire **F144** to butt splice **F400** of new harness 0600336.
38. Heat the butt splice shrink sleeve.



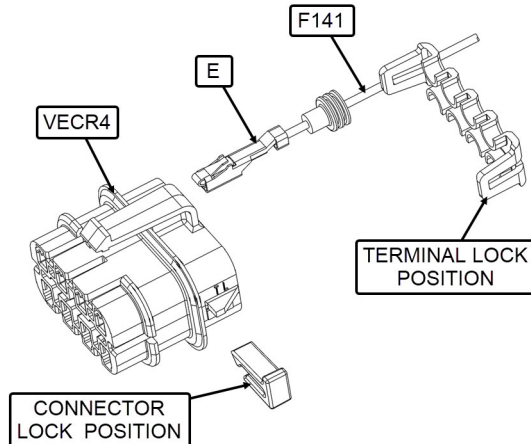
39. Remove the connector lock position of connector **VECR3**.
40. Disconnect **VECR3**.
41. Remove the terminal lock position of the connector **VECR3**.
42. Remove the terminal **F142** at position **C** of connector **VECR3**.
43. Reinstall the terminal lock position of the connector **VECR3**.
44. Reconnect **VECR3**.
45. Reinstall the connector lock position assurance of connector **VECR3**.



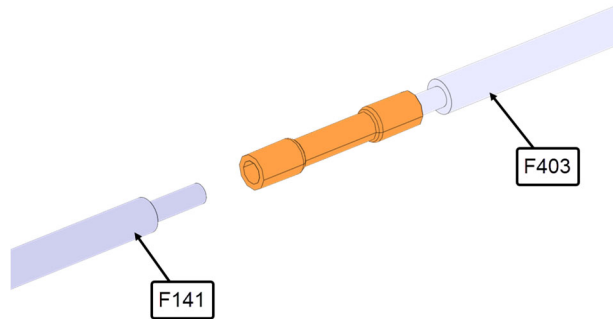
46. Remove the terminal of **F142**.
47. Connect the wire **F142** to butt splice **F402** of new harness 0600336.
48. Heat the butt splice shrink sleeve.



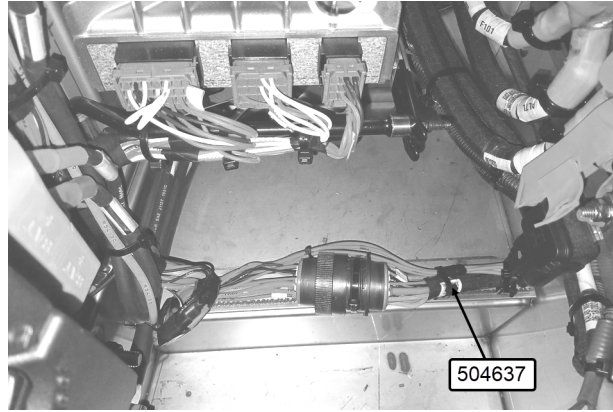
49. Remove the connector lock position of connector **VECR4**.
50. Disconnect **VECR4**.
51. Remove the terminal lock position of the connector **VECR4**.
52. Remove the terminal **F141** at position **E** of connector **VECR4**.
53. Reinstall the terminal lock position of the connector **VECR4**.
54. Reconnect **VECR4**.
55. Reinstall the connector lock position assurance of connector **VECR4**.



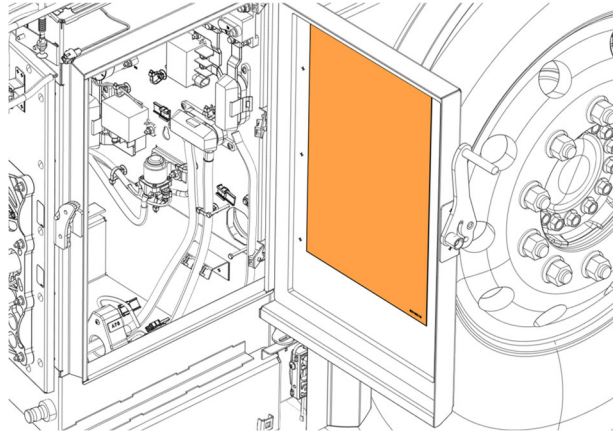
56. Remove the terminal of **F141**.
57. Connect the wire **F141** to butt splice **F403** of new harness 0600336.
58. Heat the butt splice shrink sleeve.



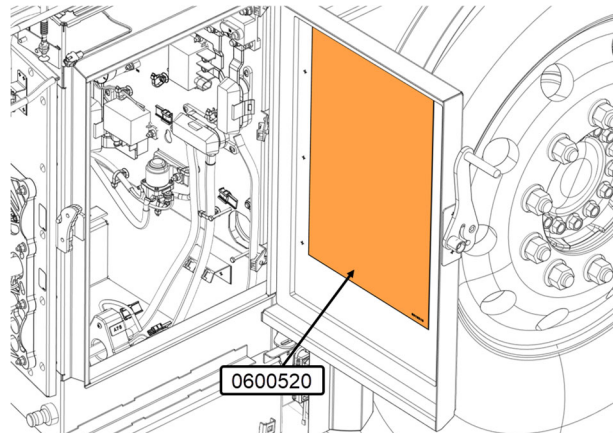
59. Secure the new harness 0600336 with cable ties 504637(10X) on the existing harness.



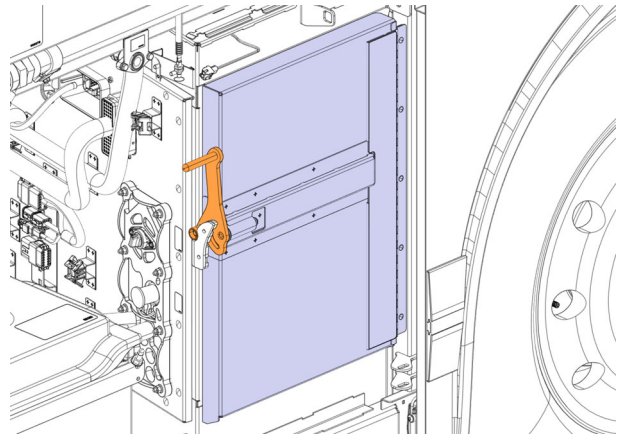
60. Remove the rear junction box components decal.



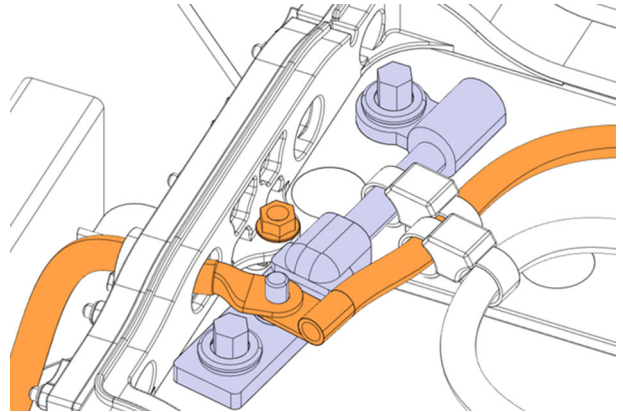
61. Install the new rear junction box components decal 0600520.



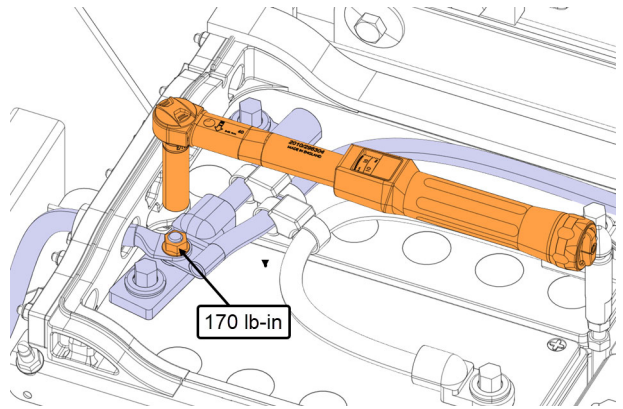
62. Close the rear junction box door.



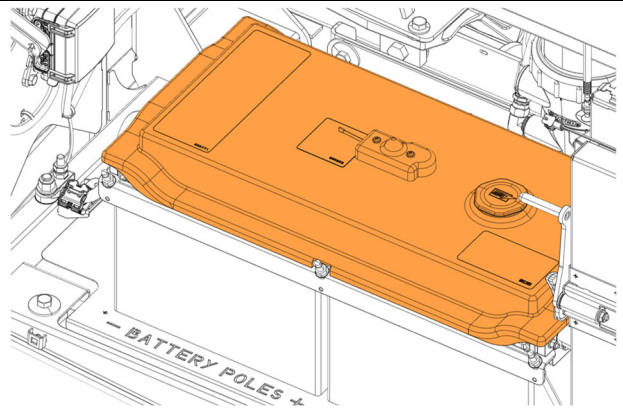
63. Reconnect the battery ground.



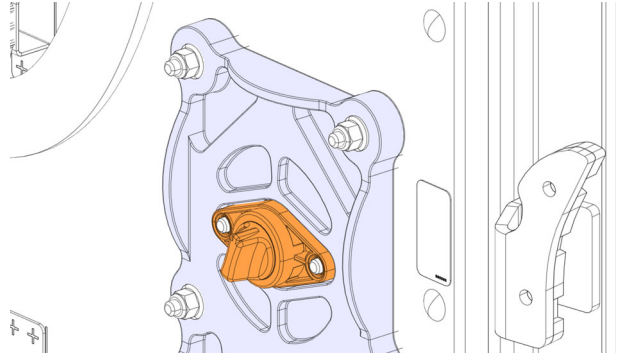
64. Tighten the nut with to torque of **170 lb-in**.



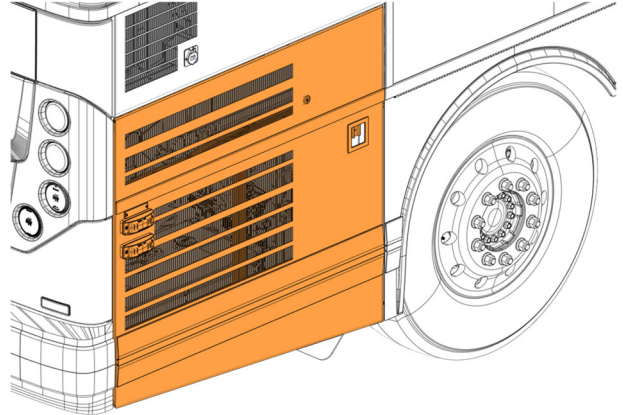
65. Reinstall the battery cover.



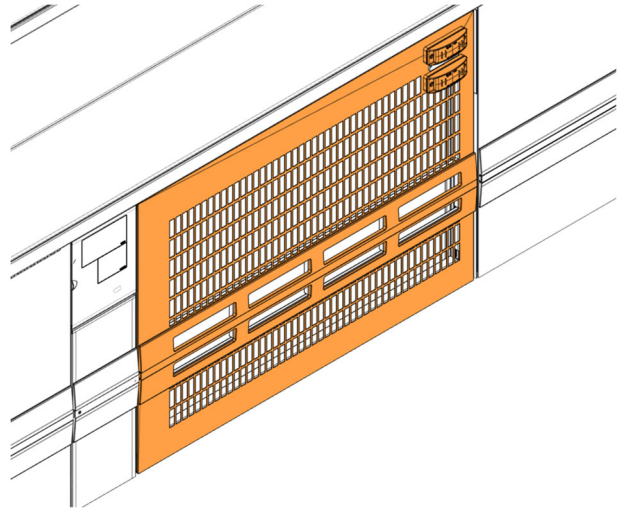
66. Turn the main electrical shut-off switch to **ON**.



67. Close the compressor door.



68. Verify the condenser fans work properly.



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 ¾ hour (0.75) 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 WB24-30".

OTHER

VBC Bulletin	N/A
Fail Code	06.16
Defect Code	09
Syst. Cond	B
Causal Part	870246

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.

