

SAFETY RECALL

Mack Trucks Inc.
Greensboro, NC USA



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Light Control Module, Inspection and Replacement

SAFETY RECALL INFORMATION:

(March 2018)

There is a potential electrical overload condition that can cause a component of the light control module (LCM) to fail. If the LCM fails, it causes the exterior lighting of the truck and trailer to go out, certain dash lighting to go out, and the windshield wipers to stop functioning, which can increase the risk of a vehicle crash under certain conditions.

Mack has received no reports of a vehicle crash as a result of this condition. Therefore, Mack considers this as a proactive measure to protect the public and Mack's customers from the potential risk associated with this defect.

VEHICLES AFFECTED:

Certain 2018 Anthem, Granite, and Pinnacle model vehicles manufactured from April 18, 2017 to December 18, 2017.

VEHICLE IDENTIFICATION NUMBERS (VIN):

The total number of vehicles affected is 151 (135 U.S., 7 Canada, 2 Mexico, and 7 Export).

REQUIRED PARTS:

To schedule parts orders, please call 877-986-5862. The Vehicle Identification Number (VIN) is required for ordering parts.

Parts acceptable for repair:

- 23078913 (Qty: 1) with “NEW HARDWARE” designated on the label (example on pg. 6)

OR

- 23288977 (Qty: 1)

DECOMMISSIONING THE TRUCK FOR REPAIR

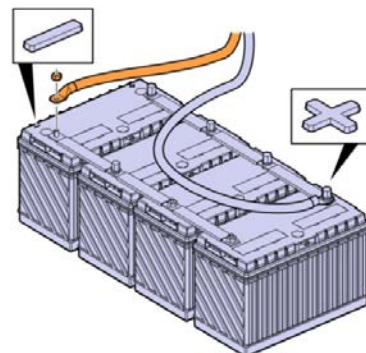
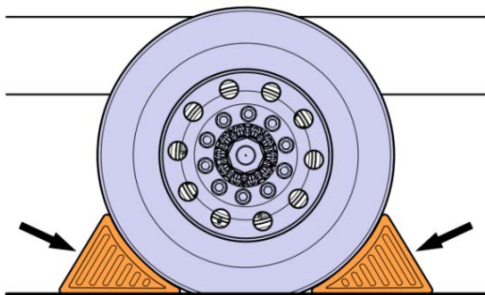


Do not attempt to repair or service this vehicle without having sufficient training, the correct service literature and the proper tools. Failure to follow this could make the vehicle unsafe and lead to serious personal injury or death.

NOTE

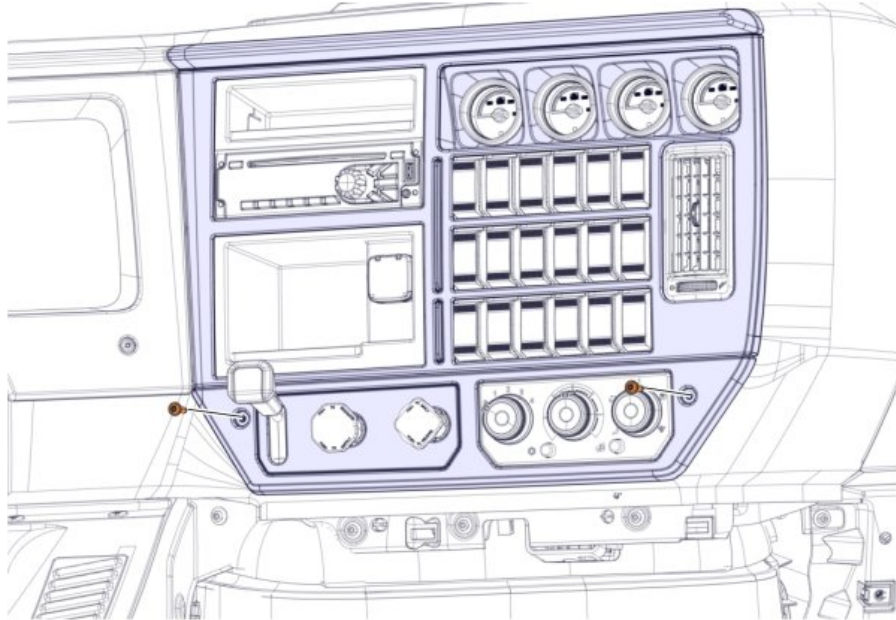
The Illustrations shown in this document are used for reference only and may differ slightly from the actual vehicle being serviced. However, the replacement procedure is represented as accurately as possible.

1. Secure the vehicle for service by parking on a flat and level surface, applying the parking brake, chocking the rear wheel, and placing the transmission in neutral. Disconnect the cable from the battery's negative (ground) terminal.

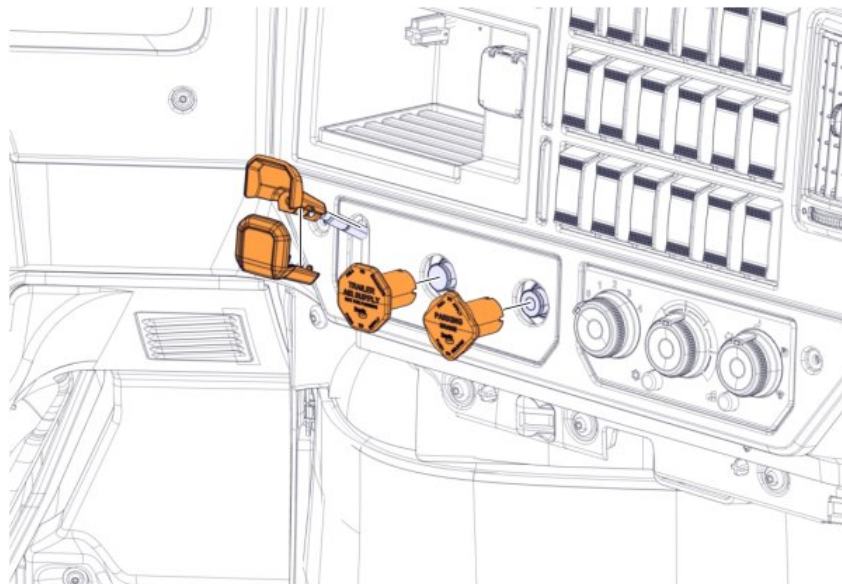


INSPECTION AND REPAIR PROCEDURE

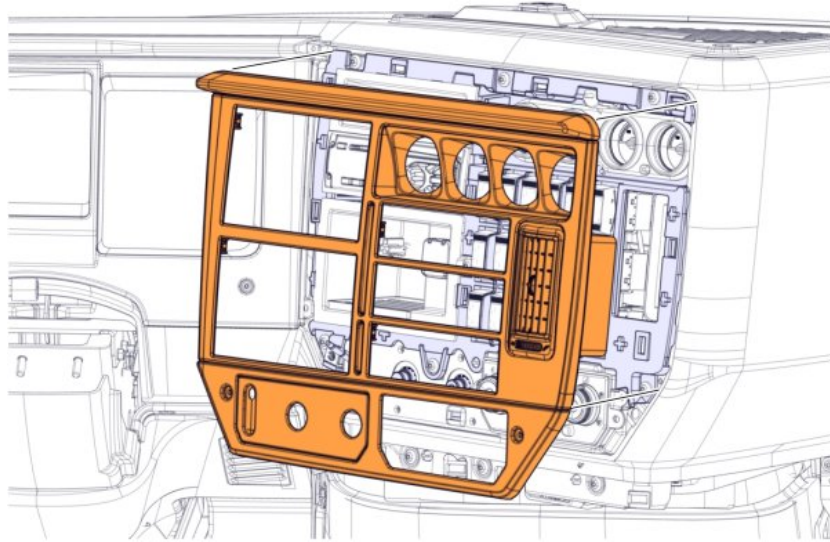
2. Remove the screws holding the trim panel in place



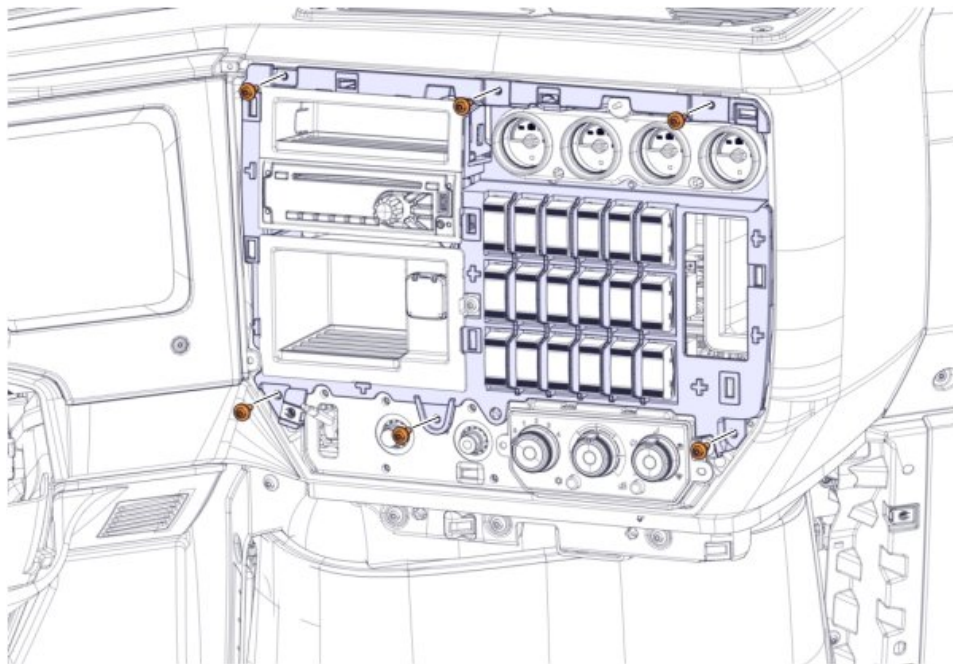
3. Remove the knobs.



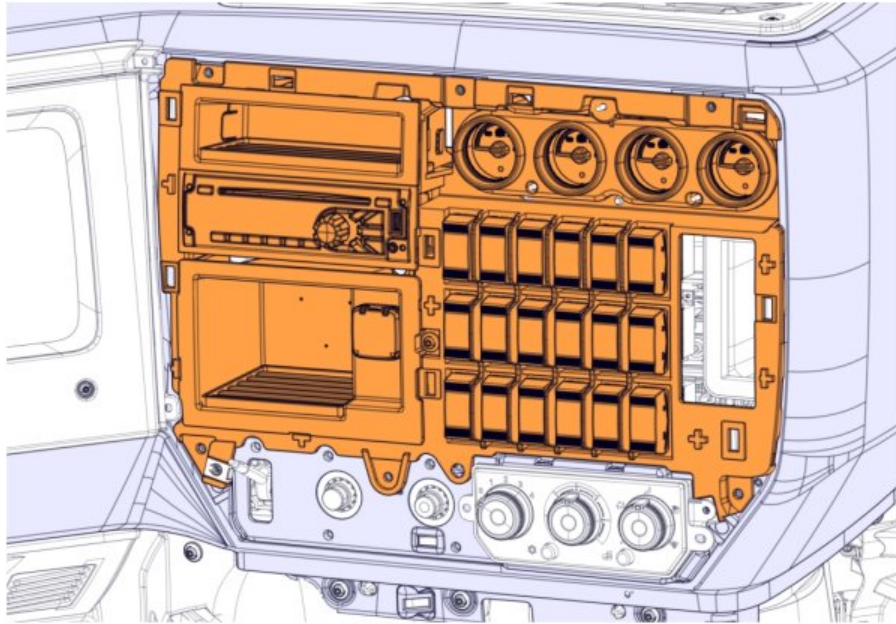
4. Remove the trim panel.



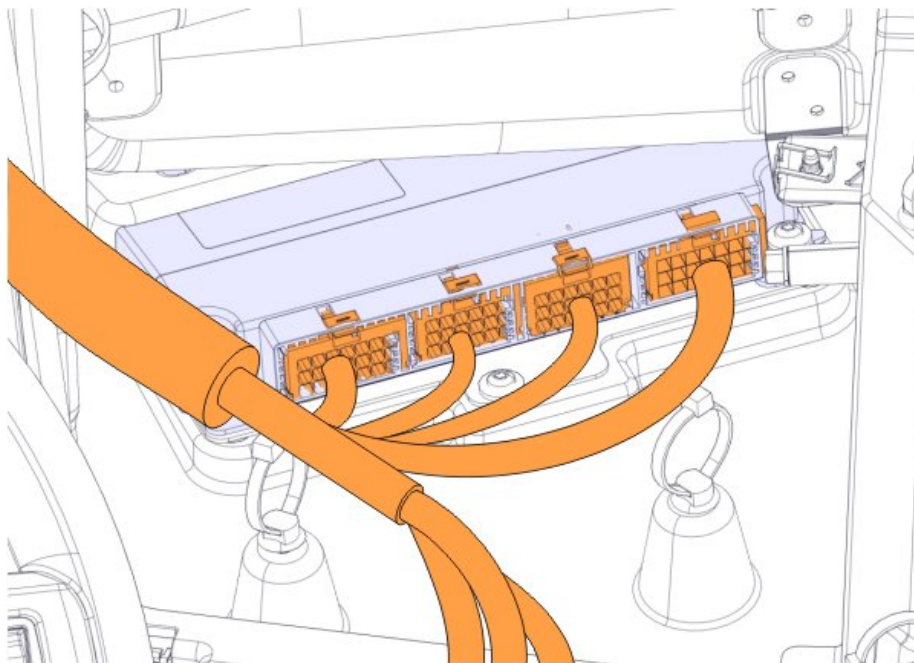
5. Remove the screws.



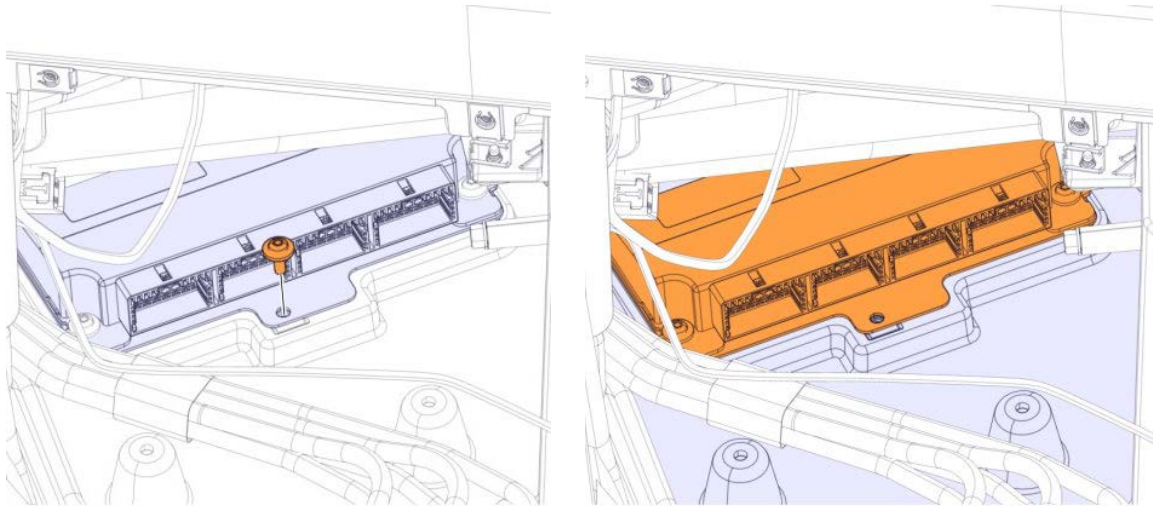
6. Remove the panel. Note that the connectors do not need to be disconnected.



7. Disconnect the connectors.

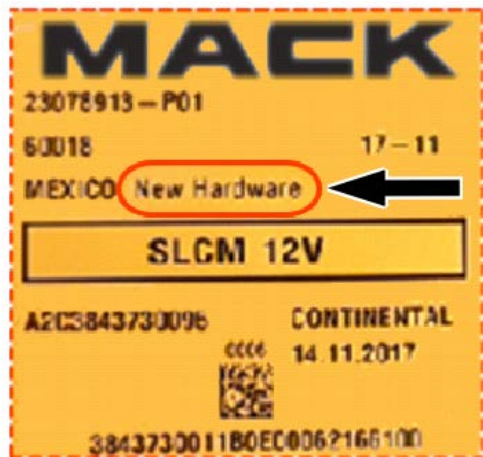


- Remove the screw holding the LCM in place, and then remove the LCM.



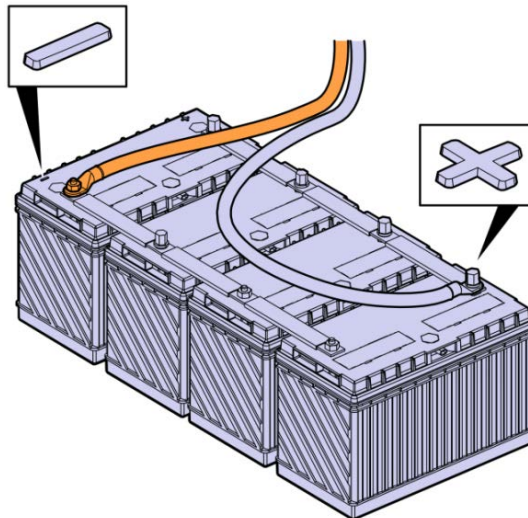
- Inspect the part number label on the LCM. Use the table below to determine the action needed to repair the vehicle.

Label Contents	Action
"New Hardware" (as shown below)	Do not replace LCM –Skip to step 16
No "New Hardware" designation shown	Replace LCM starting at step 10

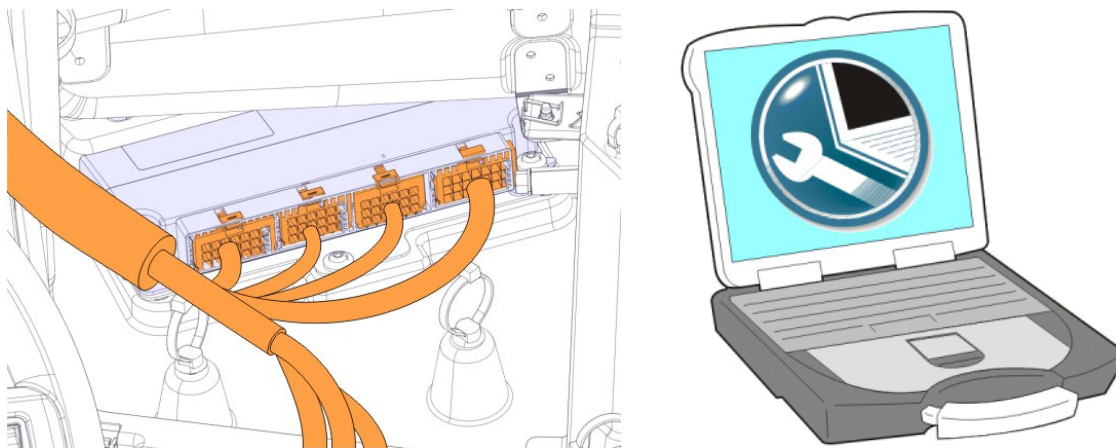


Note: The next 4 steps should only be performed if the LCM needs to be replaced.

10. Connect the battery cable to the negative (ground) terminal.



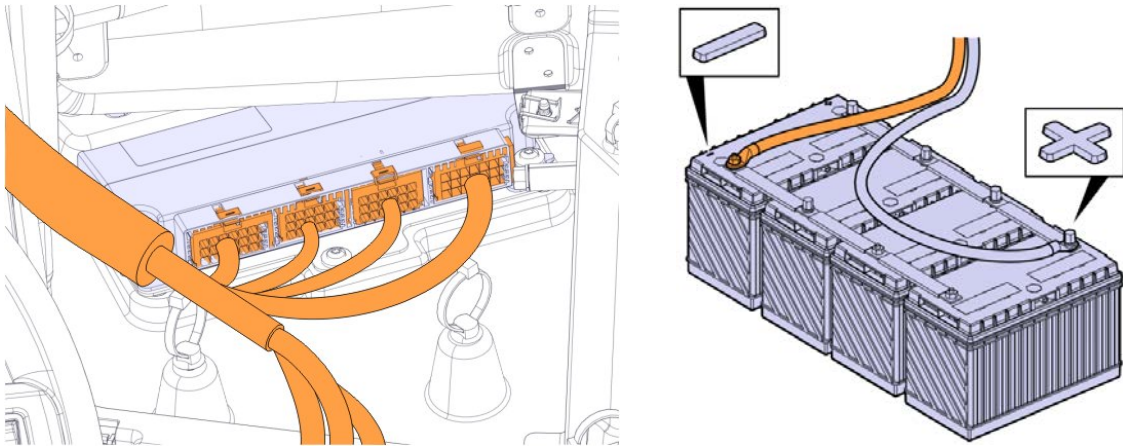
11. Reconnect the original LCM to the main harness, and connect Premium Tech Tool to the vehicle.



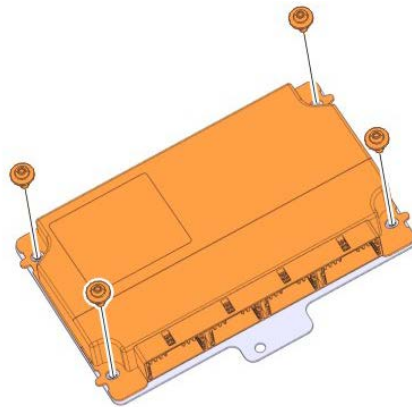
12. Perform the **“Replace Hardware”** operation for the LCM in Premium Tech Tool (operation 1700-22-03-12).

13. Disconnect the original LCM and connect the new LCM when instructed to finish the LCM programming process.

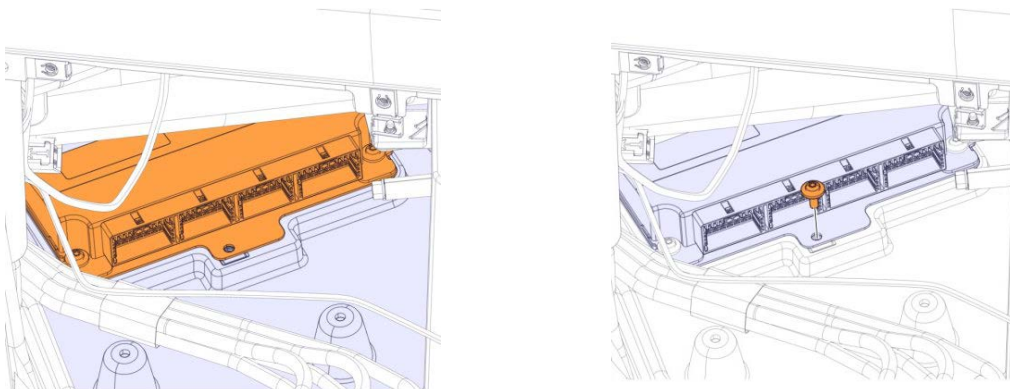
14. Disconnect the LCM and the negative (ground) terminal on the battery



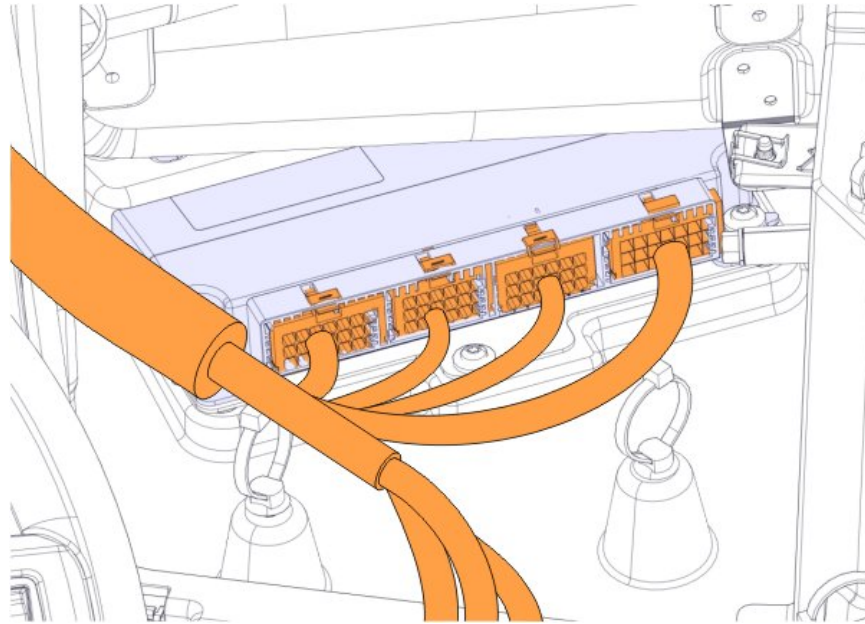
15. Remove the screws and transfer the bracket and screws to the new LCM.



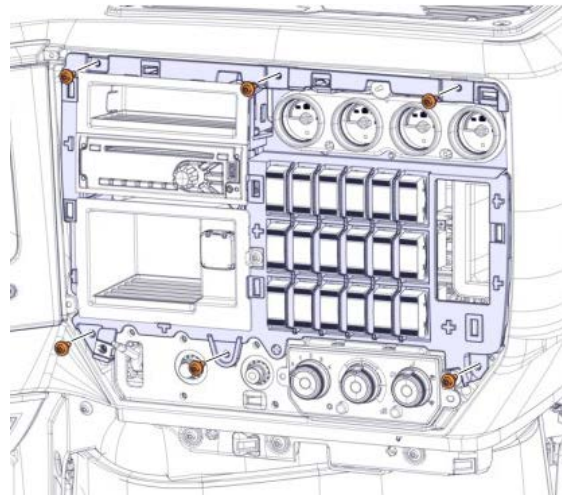
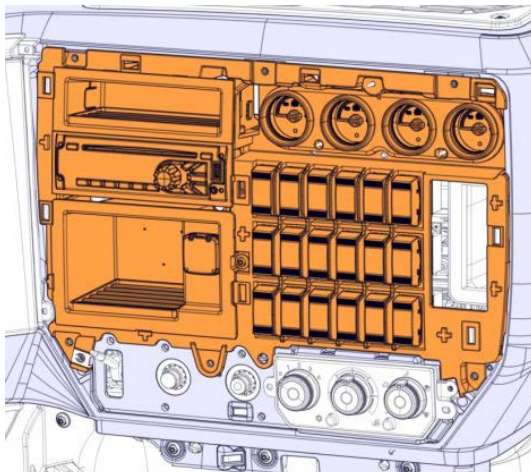
16. Install the LCM and install the screw to secure it. Tighten the screw to **3 +/- 0.5 Nm**.



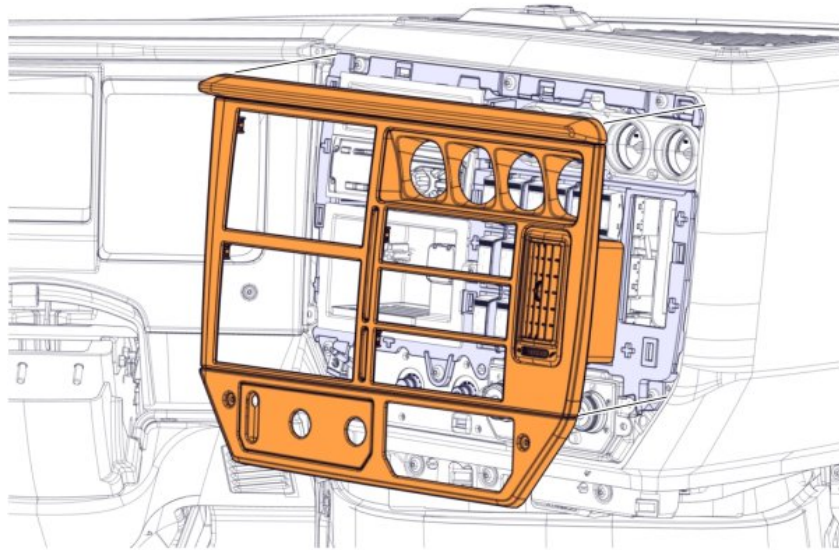
17. Connect the connectors.



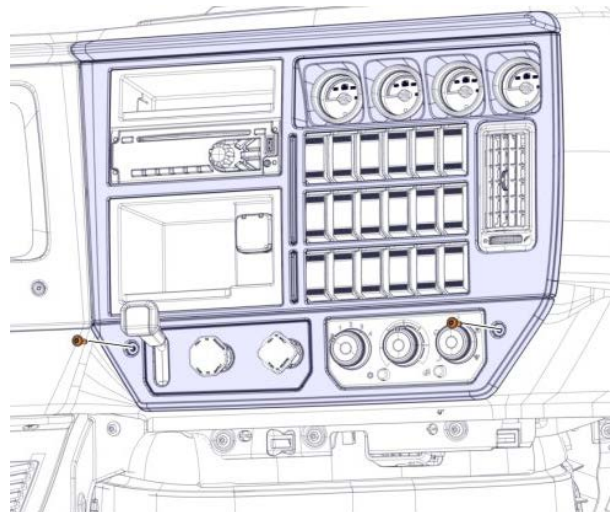
18. Install the panel and screws. Tighten the screws to **3 +/- 0.5 Nm**.



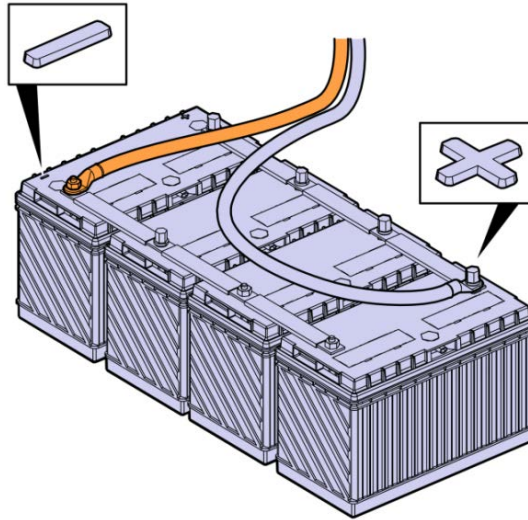
19. Install the trim panel.



20. Install the knobs, panel, and screws. Tighten the screws to 3 +/- 0.5 Nm.



21. Connect the battery cable to the negative (ground) terminal.

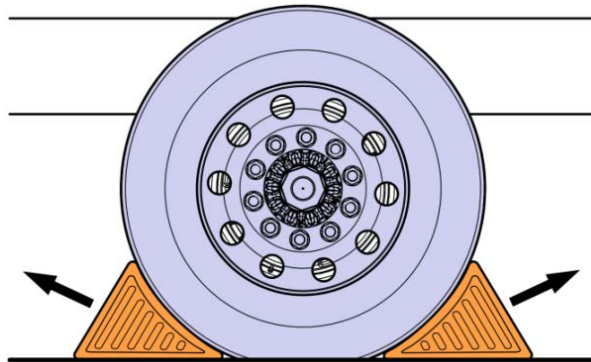


22. Note: Only perform this step if the installation of a new LCM was NOT performed.

Connect the vehicle to Premium Tech Tool. Program the LCM (MID216) with the latest software.

23. Perform a walk around pre-trip light inspection.

24. Remove the wheel chocks.



REIMBURSEMENT:

	UCHP Reimbursement
Claim Type (used only when uploading from the Dealer Business System)	R
Recall Status	
Vehicle repaired per instructions	1-Modified per instructions
Labor Code	
Primary Labor Code (Light Control Module Inspection)	3651-06-09-01 0.8 hrs
Additional Work Labor Code (Light Control Module Replacement)	3651-03-09-01 0.5 hrs
Time to take charge of vehicle and determine campaign status	1700-16-01-01 0.3 hrs
Causal Part	23078913
Authorization Number	C6592

Take-charge time is not included in the labor code for this operation. Take charge may be eligible, but can only be used once per vehicle repair visit. If the vehicle is having other warranty repairs performed, take-charge should be charged to the warranty repair, otherwise take-charge can be charged to this Safety Recall campaign.