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TECHNICAL SERVICE BULLETIN

SB-64 2022 & 2023 Allegro Bay Rear Camera and Signal Lights Update

September 15, 2023

Dear Tiffin Motorhome Owner,

It has come to our attention that on certain 2022 and 2023 Allegro Bay Motorhomes, the backup camera is displaying when the brake pedal is used. To correct this, a new wire harness will be installed at the same time a programming update is completed so that the backup camera and rear signal lights will function as designed.

Since this programming involves Freightliner components, this update must be completed at an authorized Freightliner service center. To locate a Freightliner service center, please search online at <https://www.fccrv.com/> and scroll down to Owner Support, then choose Service Centers. Once the appointment has been arranged with Freightliner, Tiffin Motorhomes should be contacted so that work instructions and parts can be provided to the service center for repair.

This technical service bulletin will expire on October 30, 2024. Please make sure that this repair is completed prior to this date. Work completed after this date will be done at the customer's expense.

You may be liable for any progressive damage that results from your failure to complete the replacement within a reasonable time after receiving notification.

We regret any inconvenience this action may cause but feel certain you understand our interest in your continued use and enjoyment of your coach.

Tiffin Motorhomes

Technical Service Bulletin Inspection & Repair Instructions

Tiffin Motorhomes Technical Service Bulletin # SB-64

Models Involved: Allegro Bay

Purpose: Provide instructions for correcting STOP/TURN/TAIL operations for taillights.

PARTS NEEDED

1 of 5141977, HARNESS TAIL LT FCCC BAY SB-64

TOOLS NEEDED

PHILLIPS #2 SCREWDRIVER
SLOTTED SCREWDRIVER (FLAT HEAD)
CABLE TIES
WIRE CUTTERS
WIRE STRIPPERS
WIRE CRIMPERS

FLAT RATE CODE & TIME ALLOWED:

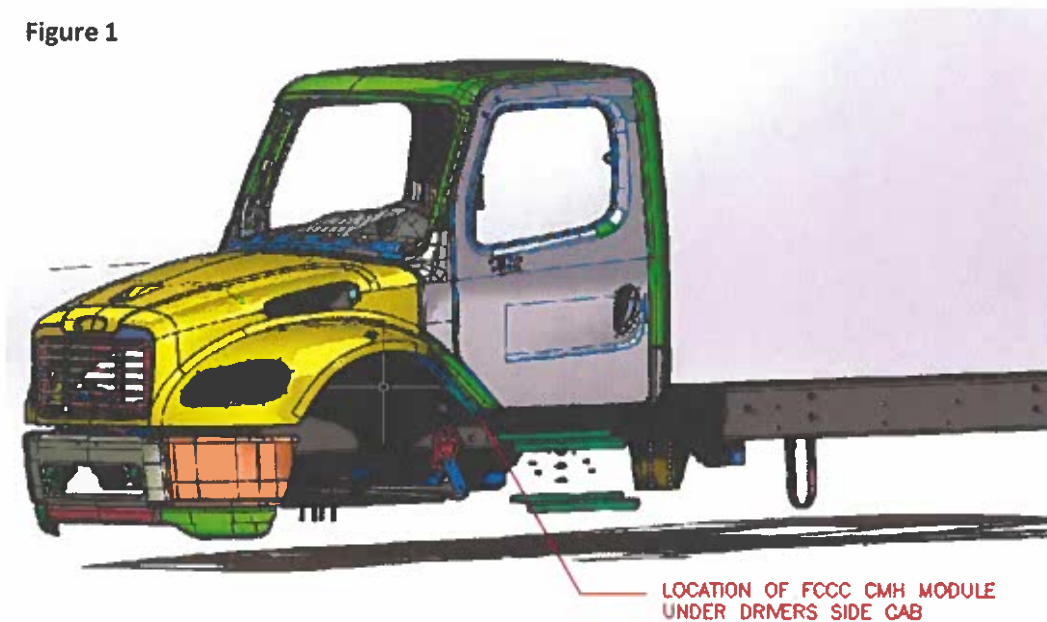
When filing the warranty claim for payment, please use the following flat rate codes and times.

BY9964SB00 for 1 hour

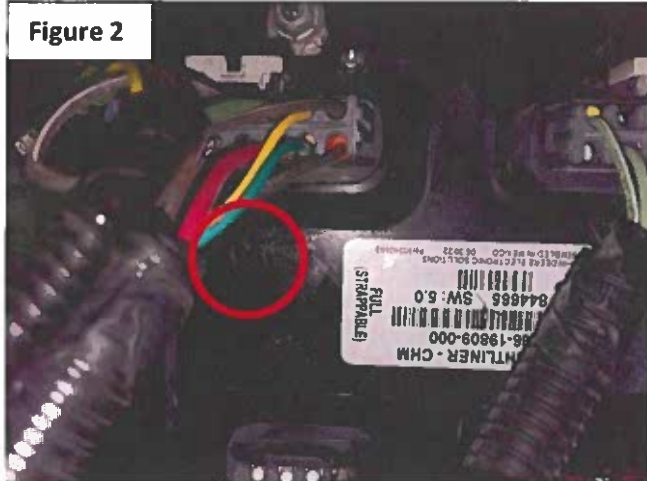
REPAIR PROCEDURES:

1. Locate FCCC CHM vehicle Module shown in Figure 1.

Figure 1

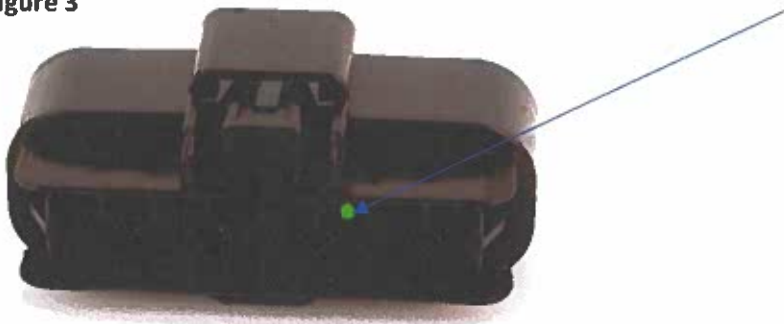


2. Locate the plug on the CHM vehicle module labeled "C4", see Figure 2.



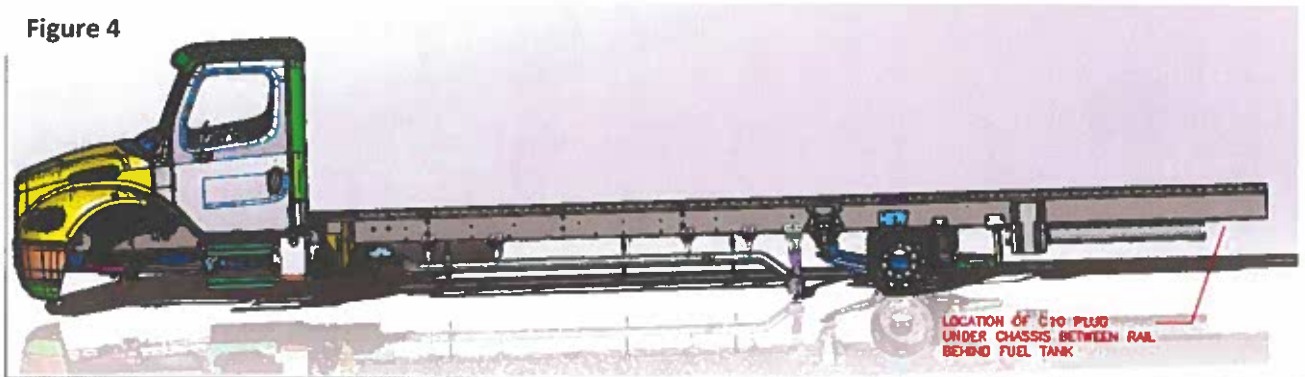
3. Remove plug and disassemble C4 plug from the CHM module. See online video for example, [PCTV HELP - Delphi GT 150 & 280 Connectors - YouTube](#)
4. Run a new wire from the CHM C4C connector pin F through the forward/aft chassis interface connector to pin H of the rear vehicle interface connector.
5. Insert provided wire labeled 'CHM C4-F' into position F, see Figure 3 Reassemble and reconnect plug.

Figure 3



6. Run wire through chassis to rear of coach to the rear cap C10 8 position connection, see Figure 4. Avoid running the wire close to or on any exhaust components or moving drivetrain components. Use cable ties to secure wire in place to prevent movement. Use wire cutters to remove excess cable tie.

Figure 4



7. Disconnect plug and disassemble both sides of connection, see Figure 5. Load wire end labeled 'CH10-H' into position H in the male end of the plug (FCCC side). Reassemble and reconnect plug.

Figure 5



8. Insert provided wire end labeled 'GREEN C10' into the female end in position H. Insert provided wire end labeled 'YELLOW C10' into the female end in position G.
9. Continue these wires to each taillight. Green wire goes to right (PASSENGER'S SIDE) Yellow wire goes to left (DRIVER'S SIDE)
10. Use the #2 Phillips screwdriver to remove the screws in each taillight. See figure 6.

Figure 6



11. Cut the green and yellow wire at each taillight.
12. Splice new wires into taillight, see Figure 7 & 8.



13. Return all the wires back inside the rear cap and replace taillights and screws.
14. Flash parameter 26-02070-086 to vehicle. This will remove circuit 39L to allow for the use of rear interface pin G.
15. Call FCCC Service Group at (800)206-3519 to have the parameter for step 16 uploaded to the cloud so that step 16 can be completed.
16. Flash parameter 26-03022-005 (P60184-21 rev.) to vehicle.