

MARKER LIGHT AND HEADLIGHT WORK INSTRUCTIONS FOR RECALL 17V 797

RELEVANT COACHES

Model: Bay Star, Bay Star Sport

Year(s): 2018

Floorplan: All floorplans on coaches built prior to 11/10/2017

ISSUE

Recall 17V 797: The front side marker lights are not connected into the wiring harness. When the headlight high beams are activated, only the high beam bulbs illuminate. The intention of the high beam function on the affected coaches is to have both the high beam and low beam bulbs illuminate together.



Marker Lights and Headlights on high beam before the harnesses are installed (left) and after the harnesses are installed (right).

ACTION

Follow the service procedure below to correct the condition.

The approximate time to complete this repair is eight-tenths of an hour (.8 hr).

NECESSARY TOOLS & REPLACEMENT PARTS

Wire Crimper
Wire Cutter/Stripper
Small Torch or Lighter

Part Name	Part Quantity	Newmar Part Number
Marker Light Harness Pigtail	2 ea	142205
Headlight Harness Adapter	2 ea	142206
Cable Tie	2 ea	131223

SERVICE PROCEDURE

1. Inspect the coach to ensure the update is necessary by activating the headlights on the high beam setting while inspecting the headlamps and marker lights.
2. If the update is necessary, begin the correction process with the headlights and the marker lights turned off.
3. Crawl under the front cap at the headlight area.
4. Find the existing headlight and marker light harnesses.
5. If necessary, cut the cable tie to separate the wire harnesses.

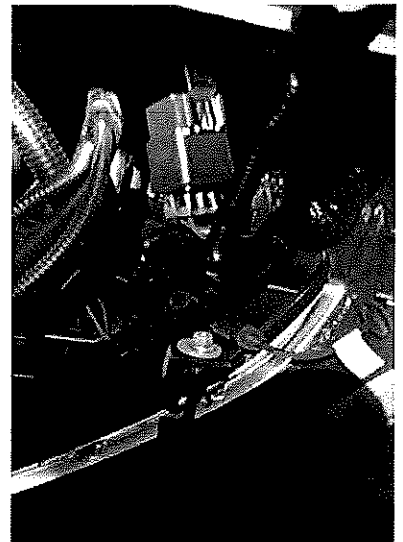
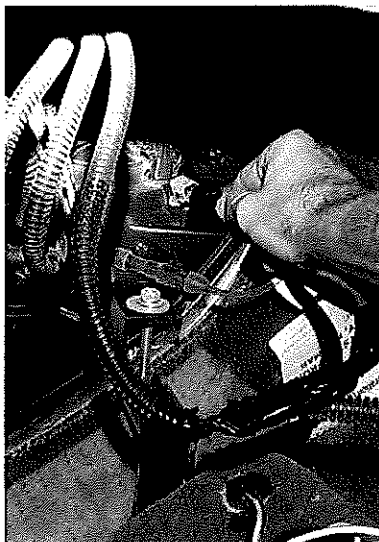


New Marker Light Harness (Left) and Headlight Harness with Relay (Right)

6. Cut the wire feeding into the four lower marker lights.
7. Pull the wire ends out of the loom, and strip the end of each wire.
8. Twist the white wires together, and crimp the yellow connector from the new marker light harness to the white wire.
9. Twist the brown wires together, and crimp the yellow connector from the new marker light harness to the brown wire.
10. Cut off the excess flexible conduit.
11. Heat the butt connectors with a small torch or lighter to create a water tight seal.

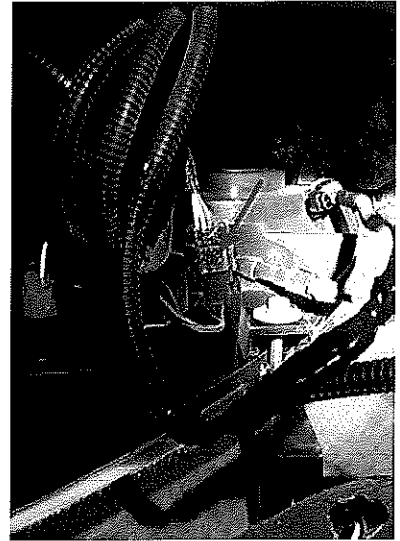
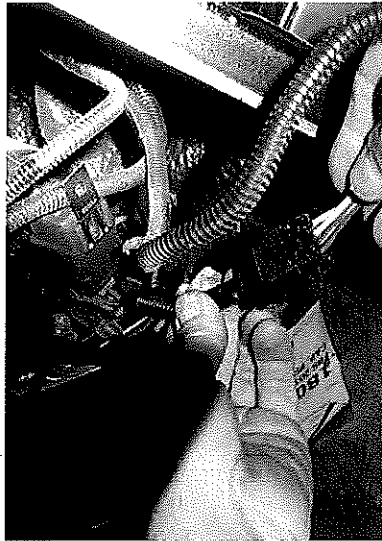


10. Tape the harness (using black tape), and plug the harness into the marker light location.
11. Locate and remove the existing headlight harness from the headlight.



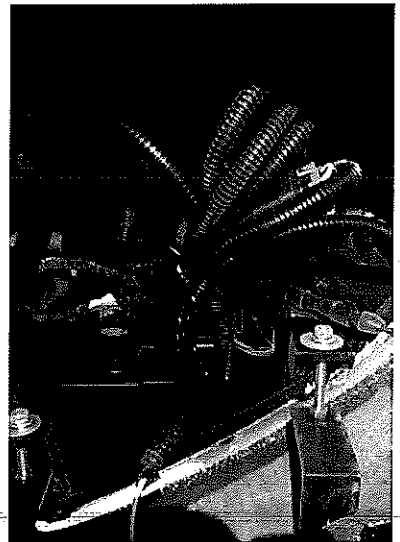
12. Plug the matching end from the new headlight harness into the headlight plug, and make sure it locks in place.

13. Plug the other end of the new headlight harness into the existing headlight harness, and make sure it locks together.

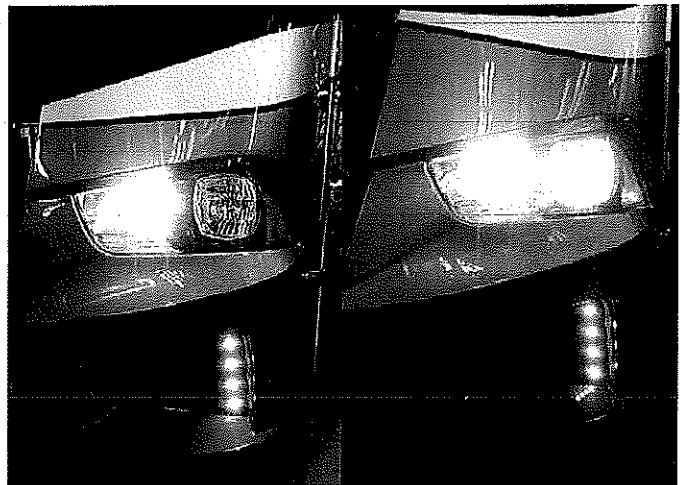


14. Strap harnesses together with a wire tie.

15. Repeat the process for the opposite headlight, as well as for the marker light.



16. Test the headlights and marker lights after the harnesses are installed. If done correctly, both headlights, both marker lights, and the lower four LED lights should all be illuminated when the headlight high beam setting is activated.



Marker Lights and Headlights on high beam before the harnesses are installed (left) and after the harnesses are installed (right).