



Front Spotlight Electrical Update

Bulletin Type:	TSB	Publication Date:	July 2023
Bulletin #(s):	23-101	Make(s):	Jayco & Entegra Coach
Job Code(s):	9803586	Model(s):	Launch (19Y), Terrain (19Y), Launch LE (19L), Terrain LE (19L)
Flat Rate(s):	0.75 Hr. – Spotlight electrical Repair	Model Year(s):	2021-2024

Incident:	Current on the spotlight is pulling higher amps than acceptable causing issues with Firefly.
Affected Units:	2021-2023 Jayco Terrain (19Y) and Terrain LE (19L); 2021-2024 Entegra Coach Launch (19Y) and Launch LE (19L)
Parts Kit:	23-101JM 2 - CONNECTOR,SPLICE 3 WIRE CLR PLSTC WAGO 12-24GA 2 - CONNECTOR,SPLICE 2 WIRE CLR PLSTC WAGO 12-24GA 1 - HARNESS,WIRE LIGHTBAR W/RELAY 1 - SWITCH,RKR DASH SPST O/F HELLA SPOTLIGHT 1 - HOLDER,FUSE IN-LINE 14GA BLUE Screw Gun w/Square Bit Ratchet with extension and 10mm socket E12 Torx Socket Wire Strippers/Crimpers
Misc. Tools & Supplies:	N/A
Parts Return Information:	N/A

FRONT SPOTLIGHT ELECTRICAL REPAIR INSTRUCTIONS

1. Remove the Driver Seat
 - A. Cut the zip ties securing the OEM seat wire harness.
 - B. Using an E12 Torx Socket, remove the (4) fasteners securing the seat.
 - C. Remove the seat from the unit.
2. Remove the buttons and the fasteners from the Mid-Seat Access Cover.
(Figure 1)



Fig. 1

3. Pull the Mid-Seat Access Cover forward to gain full access. (Figure 2)



Fig. 2

4. Route the Pink and Red wires from the relay harness jumper (Figure 3)
 - A. Locate the outer support block on the step assembly.
 - B. Route the Pink and Red wires from the Mid-Ship seat area to the driver seat base.

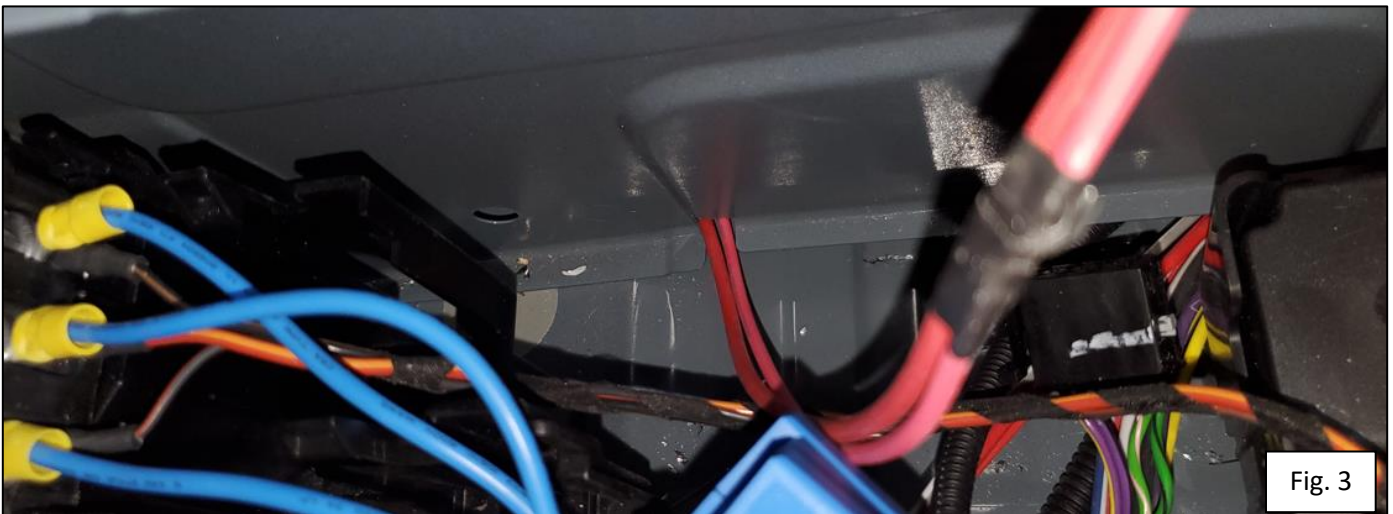


Fig. 3

- C. Reaching down inside the OEM seat base to the pass-thru opening, locate the wires and pull through
5. Remove the cover plate installed over the (3) OEM mounting studs.
6. With a ratchet, extension and 10mm socket, remove the mounting nut from the center stud. (Figure 4)

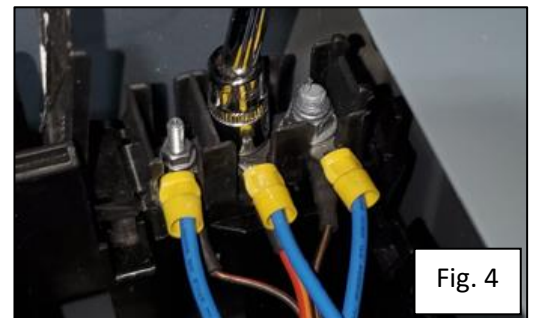


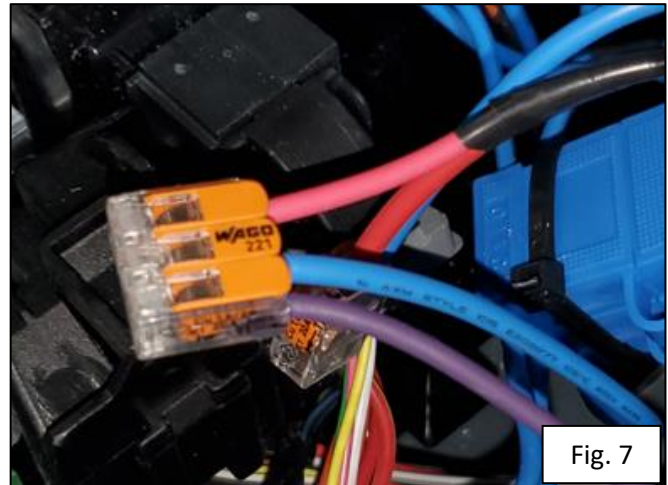
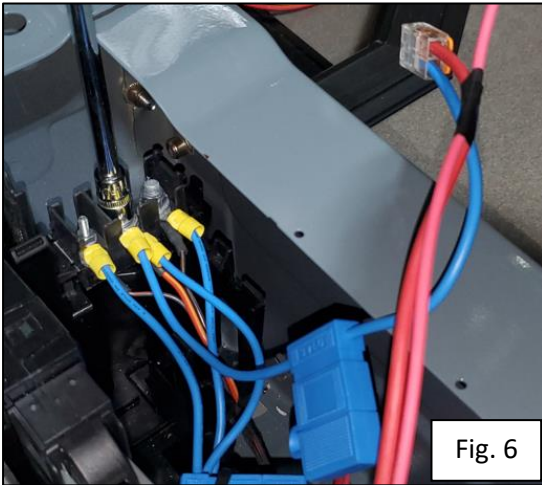
Fig. 4

7. Add a 15A inline fuse holder to the center stud and tighten. (Figure 5)

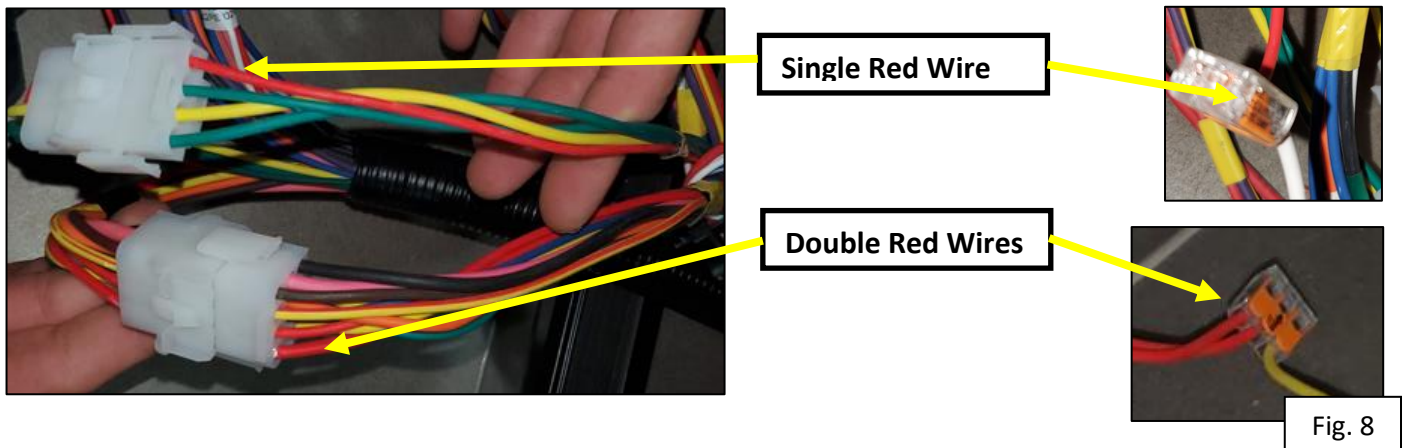


Fig. 5

8. Re-install the cover plate.
9. Using wire strippers, strip the pink and red wires.
10. Electrical connections at OEM Seat Base.
 - A. Connect the 12GA Red wire to the 15A Inline fuse in a Double WAGO. (Figure 6)
 - B. Remove the Double WAGO from the Purple and Blue inline fuse holder which is mounted to the rear stud. Connect the 14GA Pink wire to the Purple and Blue inline fuse holder in a Triple WAGO. (Figure 7)



11. Electrical connections at the Mid-Ship Seat Base.
 - A. Locate the connectors at the G12. (Figure 8)
 - B. Cut the Red wire before the 4-pin plug (harness side with Yellow tape) and connect with 14GA White wire (from relay harness assembly) in a Double WAGO.
 - C. Cut the double Red wires before the 12-pin plug (harness side with Yellow tape) and connect with 12GA Yellow wire (from relay harness assembly) in a Triple WAGO.



12. From the back side of the dash, squeeze tabs and push out the double switch assembly.
13. Remove the light switch and replace with new supplied switch. (Figure 9)
14. Test the installation - With this new configuration, the light will only turn on when the engine is running and the dash switch is turned on.
15. With the correct functionality, the double switch assembly can be put back into the dash.
16. Complete Firefly update (See Attached Firefly Instructions – v12.22 or later).
17. Secure the Relay to the back side of the Mid-Seat Access Cover and all wires can be put behind the cover.
18. With the fasteners previously removed, re-secure the Mid-Seat Access Cover.
19. Re-Installing the Driver OEM Seat
 - A. Using an E12 Torx Socket, re-install and tighten. **Torque = 29 LBF-FT**
Note: Seat Bolts should be finger started to prevent cross-threading.
20. OEM seat harness must route through the rear foam isolator to allow seat to swivel freely without harness concerns.
21. Double check OEM seat harness are secure at the four OEM locations. (Figure 10)



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