



ALTERNATOR CABLE ROUTING & SECUREMENT

Bulletin Type:	TSB	Publication Date:	November 2023
Bulletin #(s):	23-128	Make(s):	Jayco - Entegra
Job Code(s):	9803598	Model(s):	Swift LI (20AL, 20DL, 20TL) Ethos LI (20AL, 20DL, 20TL)
Flat Rate(s):	9803598A .10 HR Inspection only of Alternator Cable Routing 9803598B .40 HR Alternator Cable Inspection and Repair	Model Year(s):	2024

Incident:	Incorrect alternator cable routing and securement in front passenger wheel well.
Affected Units:	2024 Jayco Swift LI and Entegra Coach Ethos LI with Renogy 48V Lithium system
Parts List:	(4) - SCREW, HEX WSHR .25X1.00 TEK3 ZC (4) - CLAMP, VINYL COATED STL .88
Misc. Tools & Supplies:	Screwgun with 1/4" Hex Head Nut Driver Socket 12" Extension

- The following symbols are the safety alert symbols. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

**CAUTION**

Indicates a potentially hazardous situation that, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.

**WARNING**

Indicates a potentially hazardous situation that, if not avoided, may result in death or serious injury.

ALTERNATOR CABLE INSPECTION PROCESS

- Before completing the Alternator Cable routing and securement update, verify the cable is incorrectly secured to the interior passenger front wheel well.
 - If the cable is routed in the wheel well (Figure 1), proceed to the repair instructions.
 - If the cable is routed behind the wheel well (Figure 2), no further is action is required and submit the claim for the inspection time.



ALTERNATOR ROUTING & SECUREMENT INSTRUCTIONS



WARNING



- ❑ DO NOT touch any terminals or connectors unless all charging sources have been disconnected.
- ❑ Please make sure any battery charger or charge controller has been disconnected before working on the battery.



CAUTION



- ❑ DO NOT wear jewelry or other metal objects when working on or around the battery.

1. Power down the lithium battery system.
 - A. Verify all charging sources have been disconnected:
 - i. Alternator
 - ii. Shore Power
 - iii. Rooftop Solar – disconnect near battery in the 'OFF' position
 - iv. Side Solar
 - B. Turn off the 12V Master Disconnect (Main Power) located near the rear of the sliding door.
 - C. Turn off the Inverter by pushing button on Inverter remote switch.
 - D. Press and release the Self-Locking Battery Switch. The button will be flush in the 'OFF' position.
 - E. Review the Samkoon Battery Screen to ensure that screen is off.



2. With a screwgun with 1/4" Hex Head Nut Driver Socket, remove the fastener(s) and vinyl clamp(s) from the wheel well interior fender. (Figure 3)



3. With a new fastener and vinyl clamp, secure the harness above the CV Joint. There should not be contact between the CV Joint and the alternator cable/harness. (Figure 4)



4. With a second fastener and vinyl clamp, secure the alternator cable/harness to the interior flat frame. (Figure 5)



Fig. 5



5. Secure any additional slack along the pinch weld (forward of the passenger side running board bracket) with 1-2 fasteners and vinyl clamps. (Figure 6)



Fig. 6

6. Power on the Lithium System

A. Verify all charging sources are disconnected:

- i. Alternator
- ii. Shore Power
- iii. Rooftop Solar – disconnect near battery in the 'OFF' position
- iv. Side Solar



B. Turning on the lithium battery: Turn battery on with the self-locking switch and self-resetting switch

- i. Press and release the self-locking switch (typically installed behind an access panel near the lithium battery)
- ii. Next press and hold the self-resetting switch (typically installed overhead cabinet near Firefly touchscreen) for approximately 5-10 seconds to turn on the battery. There will be a series of clicks count to 5 after the last one.

C. Turn on Inverter by pushing button on Inverter remote switch. Green light will turn on the remote switch when inverter is on. Turn off inverter when not charging by shore power or using 120V outputs (outlets and Timberline Heater) for short storage to preserve battery SOC%. Leaving the inverter ON when the system is not in use can result in a 15-20% loss in SOC per day.



D. To turn on 12V power, press and release the momentary switch located near the rear of the sliding door. Note that the red light by switch is illuminated when the 12V power is active. To turn off the 12V power, press and release the switch again and the red light by switch will turn off.



Jayco's sole obligation under our limited warranty is to repair or replace defective materials and/or workmanship deemed our responsibility as determined by Jayco in our sole discretion. Jayco reserves the right to use new and/or remanufactured parts or materials of similar quality to complete any work, and to make parts and/or design changes as appropriate without notice to anyone. Jayco designs and/or materials changes are done without obligation to incorporate such changes in previously manufactured product. Jayco makes every reasonable effort to ensure field remedies will not adversely affect performance and/or safety of the unit. This field remedy is not intended to extend to future performance of this RV, or any of its materials, components or parts beyond the standard warranty period. The RV owner's obligation to notify Jayco, or one of its independent, authorized dealers, of a claimed defect does not modify any obligation placed on the RV owner to contact Jayco directly when attempting to pursue remedies under state or federal law.

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