



## Moving Renogy Samkoon Screen

<b>Bulletin Type:</b>	SRP	<b>Publication Date:</b>	December 2023
<b>Bulletin #(s):</b>	23-126	<b>Make(s):</b>	Jayco - Entegra
<b>Job Code(s):</b>	<i>If affected unit has warranty remaining, submit your claim following the normal process</i>	<b>Model(s):</b>	Terrain (19Y) Launch (19Y)
<b>Flat Rate(s):</b>		<b>Model Year(s):</b>	2021-2024

<b>Incident:</b>	Samkoon Screen placement inside Front O/H Cabinet and not easily visible.
<b>Affected Units:</b>	2021-2024 Jayco Terrain (19Y); 2021-2024 Entegra Coach Launch (19Y) with Renogy 48V Lithium system
<b>Parts List:</b>	1 - PLATE,MTG BTRY MON 3.88X5.88X.06 AL PBLK RENOGY (Jayco Part #2046989)
<b>Misc. Tools &amp; Supplies:</b>	Screwgun with Square Bit Small Phillips Screwdriver Drill with 1" Spade Drill Bit Pry Tool Oscillating Tool

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.

### SAMKOON SCREEN RELOCATION 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.

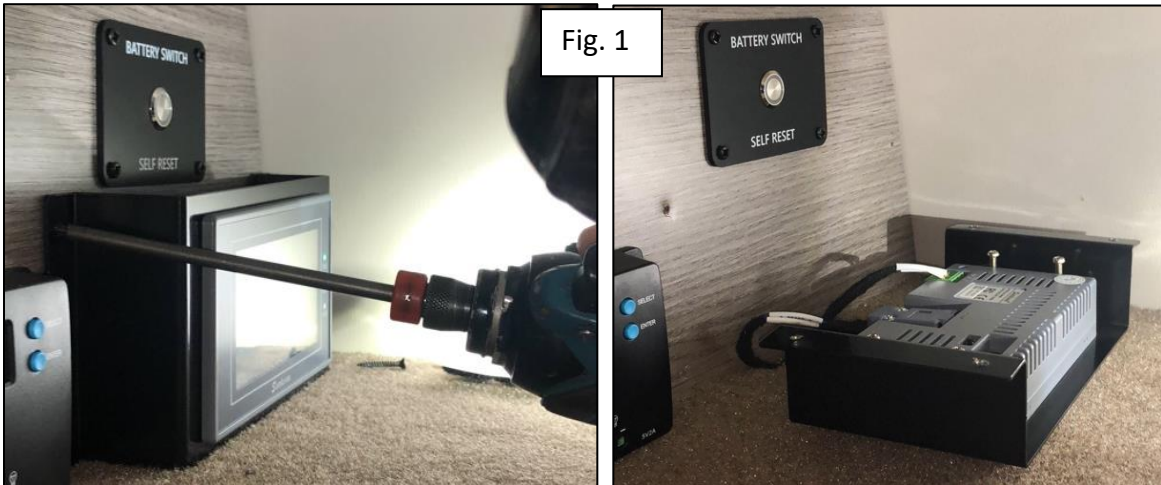
CAUTION

- 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. Review the Samkoon Screen to ensure that screen is off.

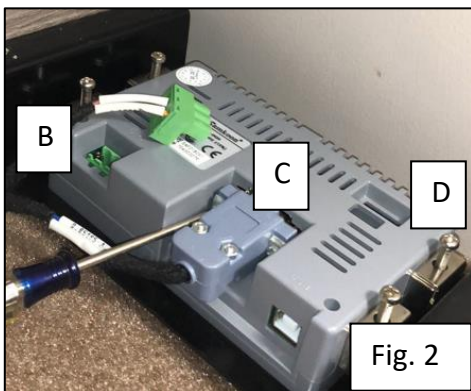


2. Remove the Samkoon Screen: Some earlier units will only have the Samkoon screen mounted to the wall with Velcro. Others will be built with the bracket (Figure 1)
  - A. Using a screwgun with square bit, remove the Samkoon screen from inside the front overhead cabinet. (Figure 1)



- B. Remove the green plug from the back of the screen. (Figure 2)
  - C. With a small phillips screwdriver, loosen the securement fasteners and remove the plug. (Figure 2)
  - D. With a small phillips screwdriver, loosen and remove the four fastener mounts. (Figure 2)

3. Using a screwgun with square bit, remove the Renogy Wanderer control panel. (Figure 3)



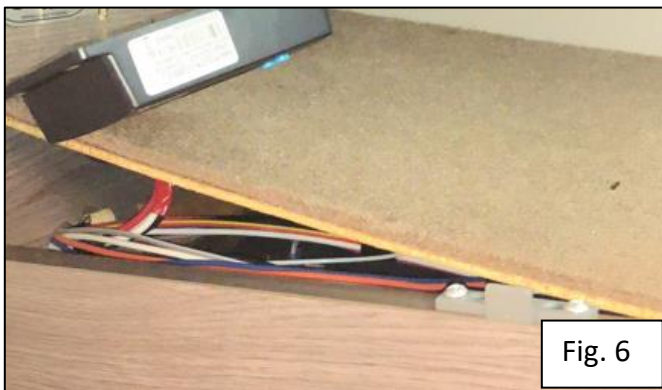
4. Remove the Battery Self Reset Switch (Figure 4)
  - A. With a screwgun and square bit, locate and remove fasteners for the Battery Self Reset Switch.
  - B. Disconnect the Blue Plug.

5. With a screwgun and square bit, locate and remove fasteners from the overhead carpeted panel. (Figure 5)



6. Lift the carpeted panel to gain access to the wiring. (Figure 6)

7. With a pry tool, remove the Firefly Touchscreen from the mounting bracket. (Figure 7)



8. Samkoon Screen Mounting Hole

A. Measure and mark the mounting hole location. (Figure 8)

i. Measure down from the Firefly Touchscreen – 3/4 inch to top of cutout and 4 inches to bottom of cutout (Figure 9)



- ii. Measure from the side of the bath wall - 6 inches to left side and 11-1/4 inches to the right side (Figure 10)

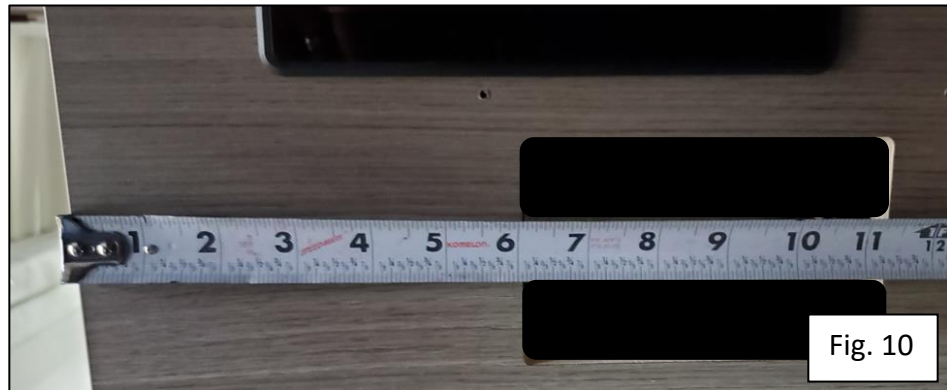


Fig. 10

- B. Pull all wiring clear of the marked location.
  - C. Using an Oscillating Tool, cut the opening as marked. (Figure 11)
9. Battery Self Reset Switch Wire Hole
- A. Using a drill with 1 inch spade bit, drill a 1 inch hole below the bed switch. (Figure 12)

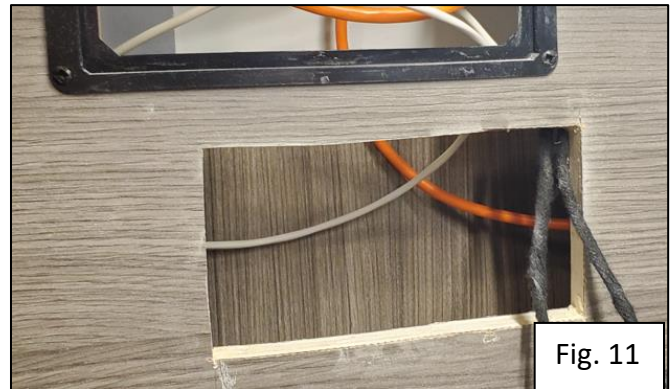


Fig. 11

10. Route the Samkoon connections through the previous drilled holes.
- A. Green plug and Grey Connector to the Samkoon Screen location.
  - B. Blue Plug to the Battery Self Reset Switch location.

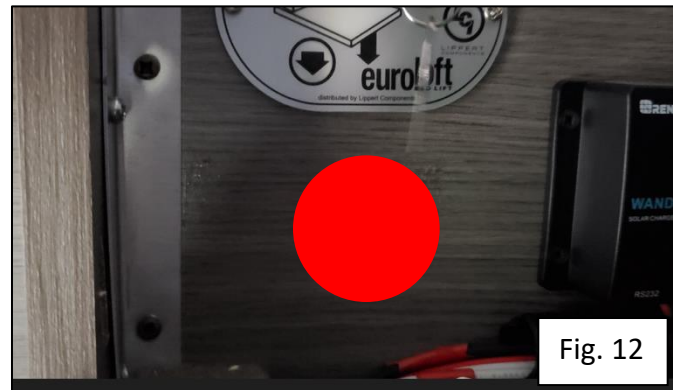


Fig. 12

11. Connect the Samkoon Screen to the new mounting plate provided. (Figure 13)
- A. Connect the Green plug to the back of the screen.
  - B. With a small phillips screwdriver, tighten the two securement fasteners.
  - C. With a small phillips screwdriver, install and tighten the four fastener mounts.
  - D. Secure the Samkoon Screen with the mounting plate.
  - E. Re-install the Firefly Touchscreen.

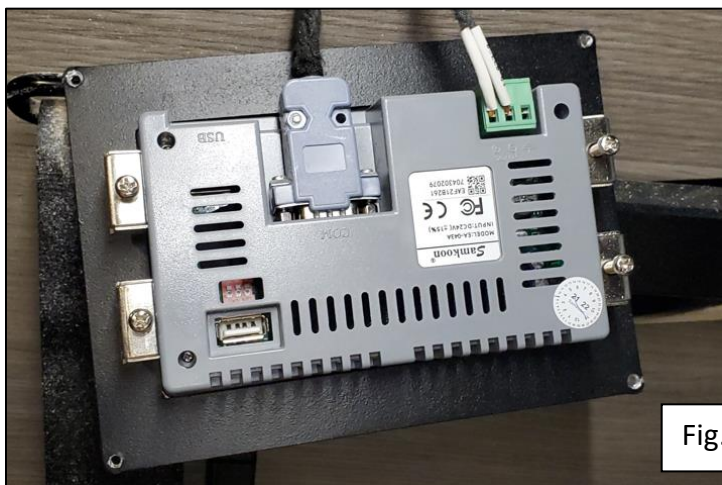
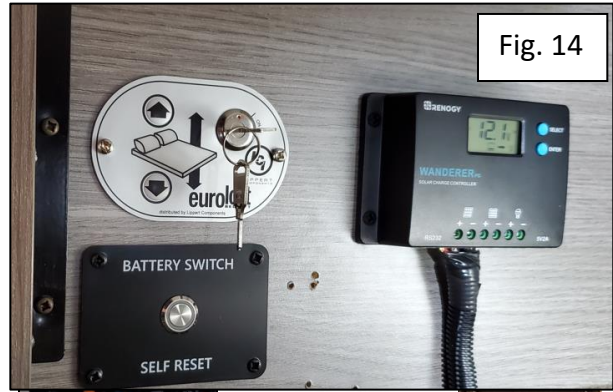


Fig. 13



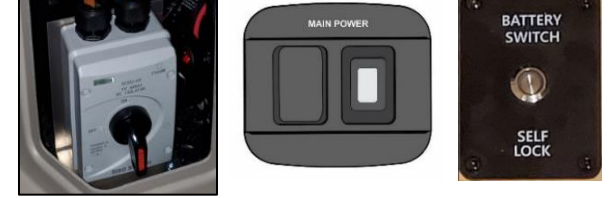
12. Re-installing the Battery Self Reset Switch and Renogy Wanderer Control Panel (Figure 14)

- A. Re-connect to the Blue plug battery Reset.
- B. Secure mounting plate to the wall.
- C. Loosen the wiring and move the Renogy Wanderer Control Panel to cover the previously drilled hole for the Battery Self Reset Switch.
- D. Re-secure the OH carpeted panel.



13. 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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