

FIREFLY
INTEGRATIONS



VEGATOUCH
LYRA

Renegade V Lines User's Manual



Imagination ~ Innovation ~ Integration

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Renegade V Lines

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Lyra Screen Overview

Tap any icon from the navigation bar to select your desired page. The currently selected page will always be listed in the top corner of the screen.

The screenshot displays the Lyra application interface. At the top, a dark red header bar contains the word "HOME" on the left and the time "12:05AM" on the right. Below the header is a navigation bar on the left side, which is highlighted with a green box and labeled "Navigation Bar". The navigation bar contains four icons: a house (Home), a lightbulb (Lights), a lightning bolt (AGS), and a gear (Settings). Green arrows point from these labels to their respective icons. The main content area is divided into four panels:

- Top Left Panel:** Features the "Renegade" logo and "REV GROUP" text. Below the logo is a "Light Master" control with "ON" and "OFF" buttons.
- Top Right Panel:** Displays four water tank levels: "FRESH" (0%), "GREY" (0%), "BLACK" (0%), and "LP" (Disc.). Below the tanks is a "Water Pump" icon.
- Bottom Left Panel:** Shows two battery voltage readings: "House" (12.2V) and "Chassis" (12.2V).
- Bottom Right Panel:** Features a "GEN" (Generator) control with "Start", "Stopped 0.0Hrs", and "Stop" buttons. Below this is an "AGS" (Automatic Generator Start) control with a lightning bolt icon and a "DISABLED" button.



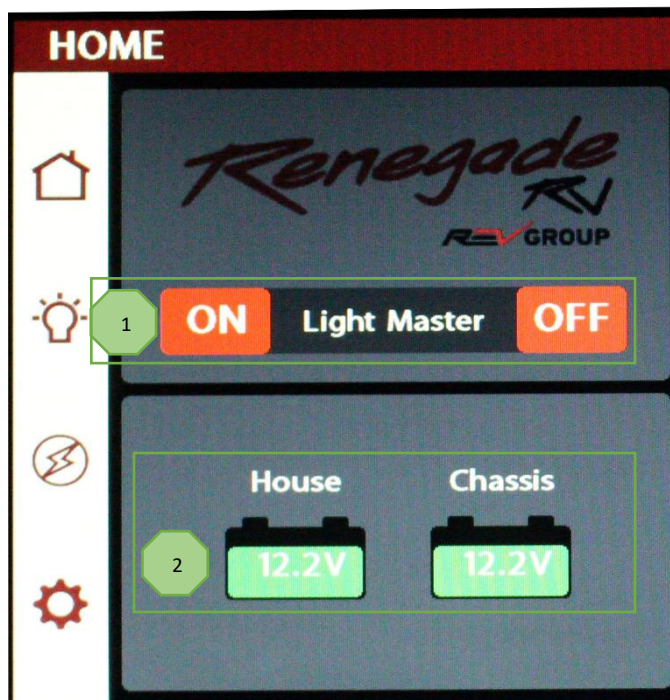
Home

Buttons will turn Red while a circuit is on and Grey once the circuit has been turned off. This color change is known as “showing feedback.”

1

The Light Master controls all interior lights at once. When Light Master Off is pressed, it will remember which lights were on. Then, when Light Master On is pressed, it will only turn on the lights that are in memory. To turn on all lights again, press and hold Light Master On for at least one second.

*Troubleshooting – Memory is rewritten each time Light Master Off is pressed. In the case that it is pressed twice in a row, it will remember that no lights were on and just touching Light Master On won't turn on any lights. Press and hold Light Master On to turn the lights back on. Note: Light Master On/Off buttons will always appear red and will not show feedback at any time.



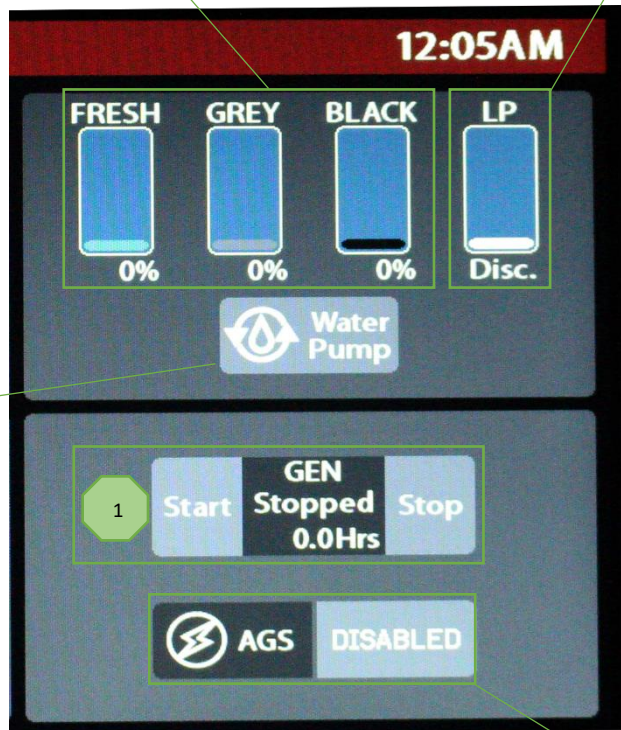
2

Battery Level Indicators - These graphics will indicate the battery voltage for the House and Chassis batteries. The graphics will display Green while above 12V and Red while below 12V.

Individual tank graphics represent the percentage filled for holding tanks.

Propane % remaining (currently disconnected).

Water Pump – Tap to toggle On/Off.



1

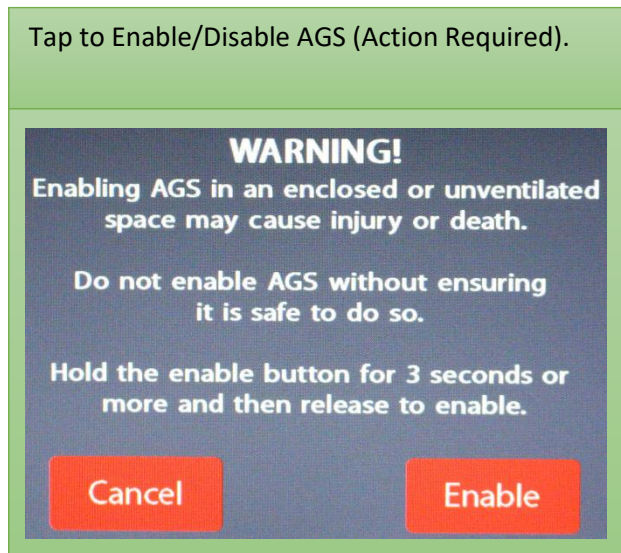
Generator Controls

The Generator display will show the total number of generator hours accumulated as well as the current operating status (running or stopped). Generator hours are saved to the system, not to the generator itself.

Gen Start – Press and Hold to start the generator. Please note that the generator requires a press and hold because it operates on a one-second delay as a safety feature to help prevent accidental generator starts.

Gen Stop – Press and hold to stop the generator.

Tap to Enable/Disable AGS (Action Required).





Lights

This screen will control the lighting for the entire coach, including the exterior. Tap any button to turn the desired light On/Off.



Lights with up/down arrows are dimmable. Press and hold these buttons to ramp the brightness up or down. Tap the buttons to toggle On/Off.

LIGHTS 12:03AM

ON Light Master **OFF**

Main

- Living Ceiling (with dimmer)
- Slide OVHD
- Sofa Sconce (with dimmer)
- Kitchen OVHD
- Dinette Ceiling

Exterior

- Porch
- Awning
- Cargo

Bedroom

- Ceiling (with dimmer)
- Reading (with dimmer)

Bath

- Ceiling (with dimmer)
- Vanity



Auto Gen Start (AGS)



Tap to Enable/Disable AGS. A Warning screen will require action to enable.

Trigger Options – Select one or both triggers (Low Volts or HVAC) to automatically start the generator using specified voltage settings. If no triggers are selected, AGS will not run. Disable HVAC Load while connected to shore power to keep the generator from starting.

Gen Hours Display - The number of hours that the generator system has been used. These hours are saved to the system, not the generator itself. Press and hold to enter the Set Gen Hours screen.

Quiet Time Start and Stop – Tap the +/- buttons to select the hours that your generator will not run.

Start at Volts - The generator will start when the voltage drops to this set point depending on “Time at Start Volts” setting below. (Range 10.5v – 12.5v)

Time at Start Volts – The generator will start when the voltage drops to the “Start at Voltage” for this specific amount of time. (Range 5 seconds – 1 min)

Stop at Volts - The generator will shut off when the voltage reaches this set point depending on “Time at Stop Volts” setting below. (Range 13.2v – 14.5v)

Time at Stop Volts - The amount of time required for the voltage to remain at “Stop at Volts” level before the generator shuts off. (Range 5min – 120min)

Minimum Gen Run Time - Use the +/- buttons to set the minimum amount of time that your generator will run once it has started. (Range 10min – 30min)

Maximum Gen Run Time - Use the +/- buttons to set the maximum amount of time that your generator will run once it has started. (Range 60min – 300min)

Gen Start Retries - Use the +/- buttons to set the number of tries that your generator will retry to start. (Range 1 – 5 retries)

Tap to reset all AGS settings back to Renegade defaults.



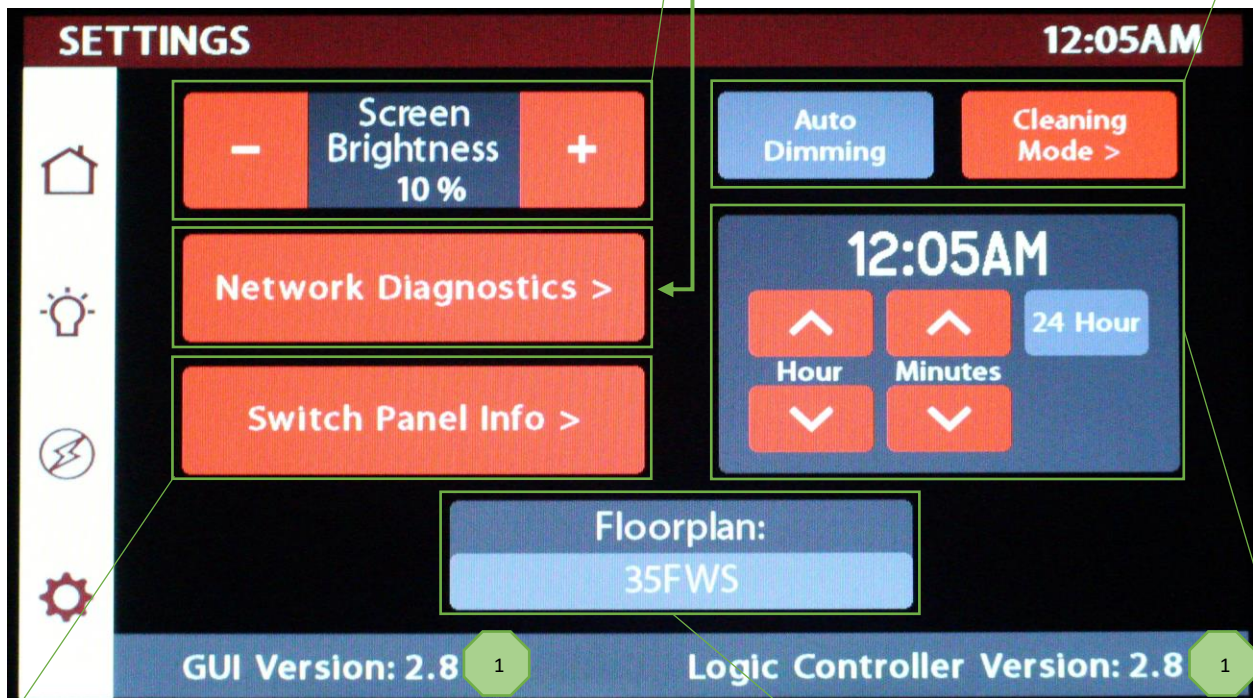
Settings

Auto Dimming- when enabled the screen will enter sleep mode after 60 seconds of inactivity. Tap anywhere on the screen to wake it up.

Clean Mode- Disables touchscreen functionality (15 seconds) for the purpose of cleaning.

Use the +/- buttons to select between 10 levels of screen brightness or screen sleep mode. Tapping the screen after it has been asleep will bring it back to previous brightness.

Tap to enter the Network Diagnostics screen.



Floorplan display.

Tap to navigate to the Switch Info screen.

Select 24-hour time mode or adjust Hour/Minutes.

1

Please note the GUI and Logic Controller Versions (screen software) and have these numbers available before contacting Technical Support.

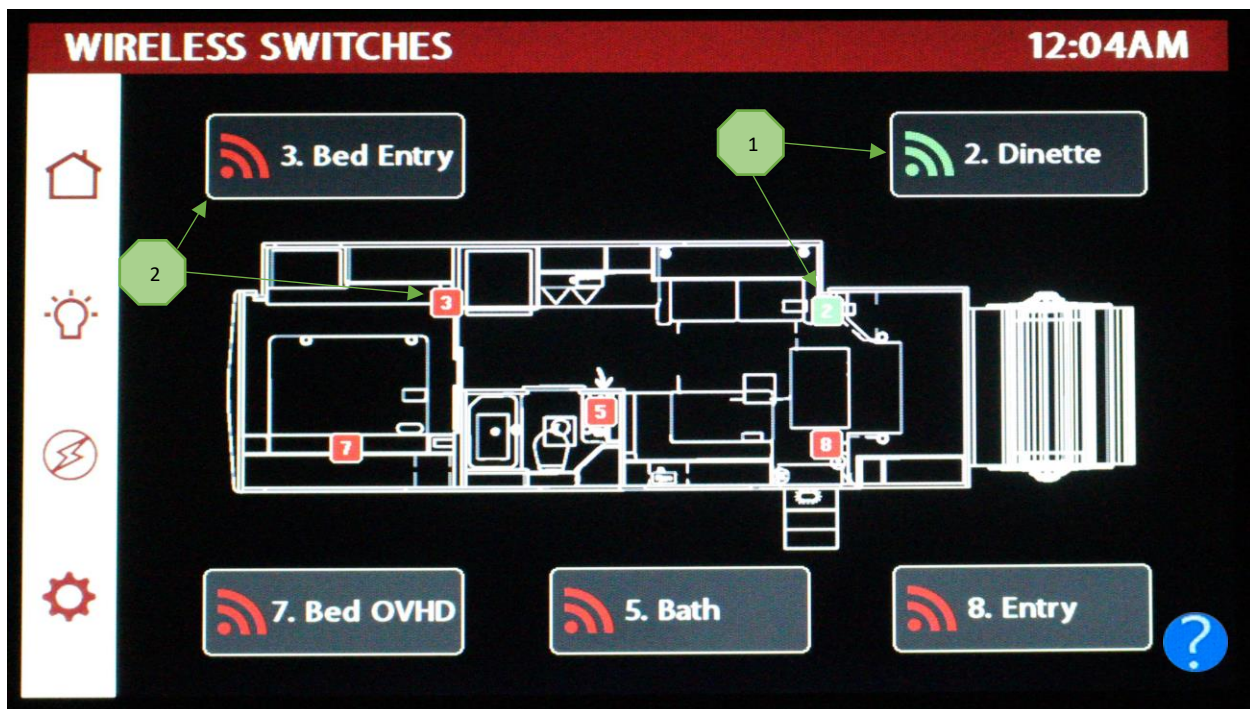


Settings/Switch Panel Info

This page will summarize the status for each switch in your coach.

- 1 Green Wireless Symbol and Green Switch Symbol – The switch is currently connected to the screen.
- 2 Red Wireless Symbol and Red Switch Symbol – The switch is currently disconnected from the screen. It is likely that the battery inside your switch panel needs replaced. Every wireless switch panel in your coach will illuminate a green LED whenever a button is pressed. If the LED inside your switch panel does not illuminate when you press a button on your switch, you will need to replace the 2032 coin cell battery.

If the LED is illuminating but the switch still won't function, contact Renegade for technical support.



SWITCH PAIRING



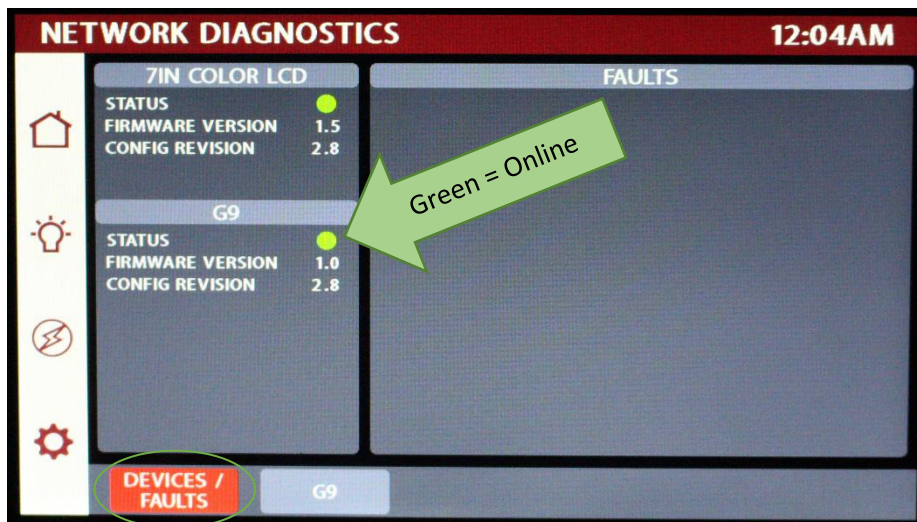
- Green switch and wireless symbol shows that switch is connected to the screen.
- Red switch and wireless symbol shows that switch is not connected to the screen.
- New pairing may take up to 10 minutes to show green.
- Dead battery may take up to 30 minutes to show red.
- If red, check battery first. If battery works, pairing is needed.



Settings/Diagnostics

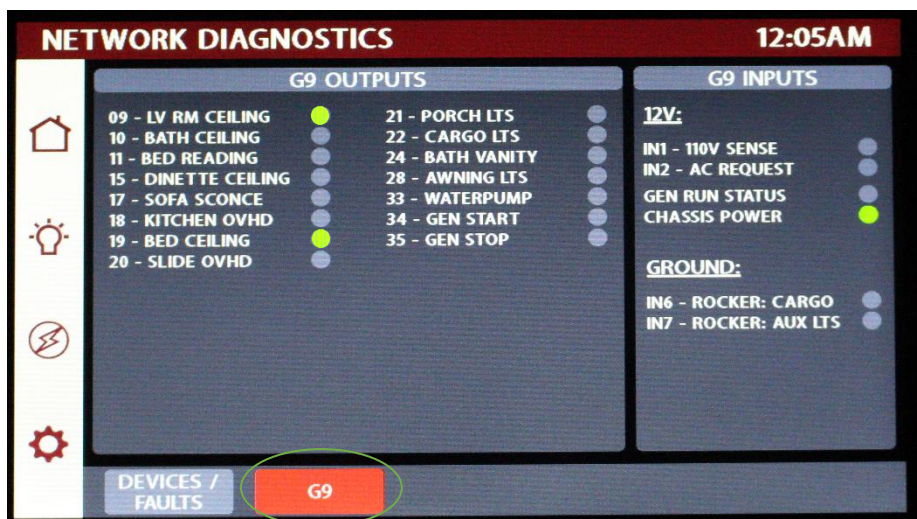
Devices/Faults:

This screen will show the status of the Lyra screen and the G9. It will also list any current faults the system is experiencing.



G9 Panel:

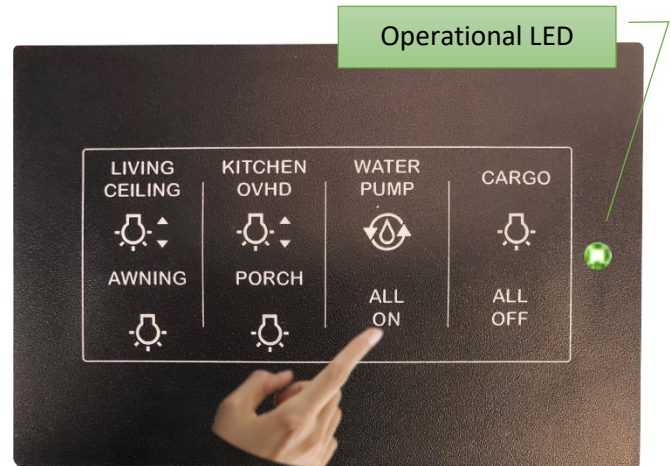
This screen will list every G9 circuit and input. The green circle will indicate which circuits or inputs are active.





SSP17 Switch Panels

Your coach uses SSP17 switch panels to control lighting and other functions. Lights that are dimmable will have Up/Down arrows next to the icon. Press and hold these buttons to ramp the brightness up and down. Each time that a button is pressed, the Operational LED will illuminate green to indicate that the command has been sent to the touchscreen.



SSP17 switch panels use wireless RF technology to communicate with the Lyra touchscreen. It is important to note that not all of the switch panels in your coach will have backlighting. Switches that are not backlit will not be powered by a 12V source but will instead be powered by a 2032 coin cell battery. If you press a non-backlit switch panel button and fail to see the operational LED illuminate, you'll need to change the battery. Simply use your fingers to pry the switch panel away from the wall-mounted backplate to access the battery compartment on the back of the switch.

Once you replace the battery, line the switch panel up with the backplate and apply pressure to snap the switch panel back into place.



Slide the battery up to remove.



G9 DC Panel

Your G9 control panel is the power distribution center for the coach. This panel receives the signals sent from your switch panels and performs the actions that have been requested by activating and deactivating the required circuits.

Every circuit controlled by the G9 is numbered and listed on a black label (load list) which is usually mounted next to the G9 panel. Note: The G9 will not have individual illuminated NET LED's for each channel. For instance, if you press the Living Ceiling button on your switch panel, there will be no illuminated GREEN LED to show that it is currently operational. Check the Network Diagnostics Page to see if the light shows status. If it does, you will want to check output voltage on that pin if the Living Ceiling light does not come on (Fig 1).

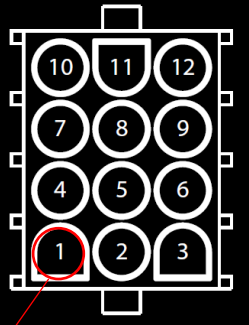


Figure 1

Test **Positive** Output Channels as shown:

J8: HIGH CURRENT OUTPUTS 3A

- Pin 1 (IC2 - Out 17): Sofa Sconce
- Pin 2 (IC2 - Out 18): Kitchen Overhead
- Pin 3 (IC3 - Out 19): Bedroom Ceiling
- Pin 4 (IC4 - Out 20): Slide Overhead
- Pin 5 (IC3 - Out 21): Porch Light
- Pin 6 (IC3 - Out 22): Cargo Light (10A)
- Pin 7 (IC4 - Out 23):
- Pin 8 (IC4 - Out 24): Bath Vanity
- Pin 9 (IC3 - Out 25): W/C Vanity
- Pin 10 (IC4 - Out 26): Floor Accent
- Pin 11 (IC4 - Out 27):
- Pin 12 (IC3 - Out 28): Awning Light (2A)



Multi-meter

GROUND



Networking

Your distribution panel and touchscreen are connected via your coach's RV-C network. Each component will have a NET LED that is used to show network status. If a NET LED is displaying anything other than solid green and some of the panel's functions are not working, please contact your manufacturer for Technical Support.

Net LED Locations:

