

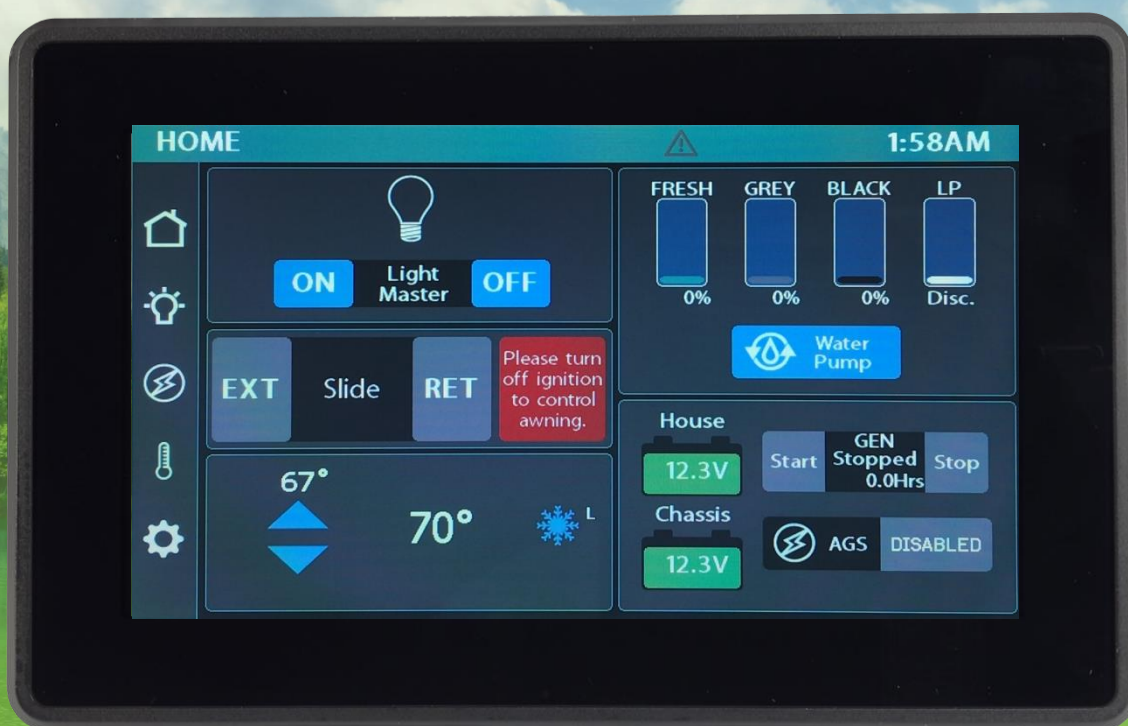
FIREFLY



INTEGRATIONS

VEGATOUCH  
**LYRA**

## Coach House V3 OEM Manual



**Imagination ~ Innovation ~ Integration**

1013 Elroy Drive, Middlebury, Indiana 46540 (574) 825-4600

## Coach House V3 OEM Manual

**The information contained in this manual is a general overview of the Firefly system and is subject to change at any time.**

2	Table of Contents
3	Lyra Screen Navigation
4	Home
6	Lights
7	Auto Gen Start Settings (AGS)
8	Climate Control
9	Settings
10	Settings/Mobile App
11	Settings/Network Diagnostics
13	Settings/Switch Panel Info
14	Floorplan Selection and Options
15	Wireless Switch Pairing
16	Service Mode
17	Vegatouch Mira Modules
18	Mira Setup
22	SSP17 Switch Panels
23	G12 DC Panels
24	Networking
25	Network Status Indicators
26	Mira NET LED Status Key
27	System Diagrams





# Lyra Screen Navigation

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



Navigation Menu

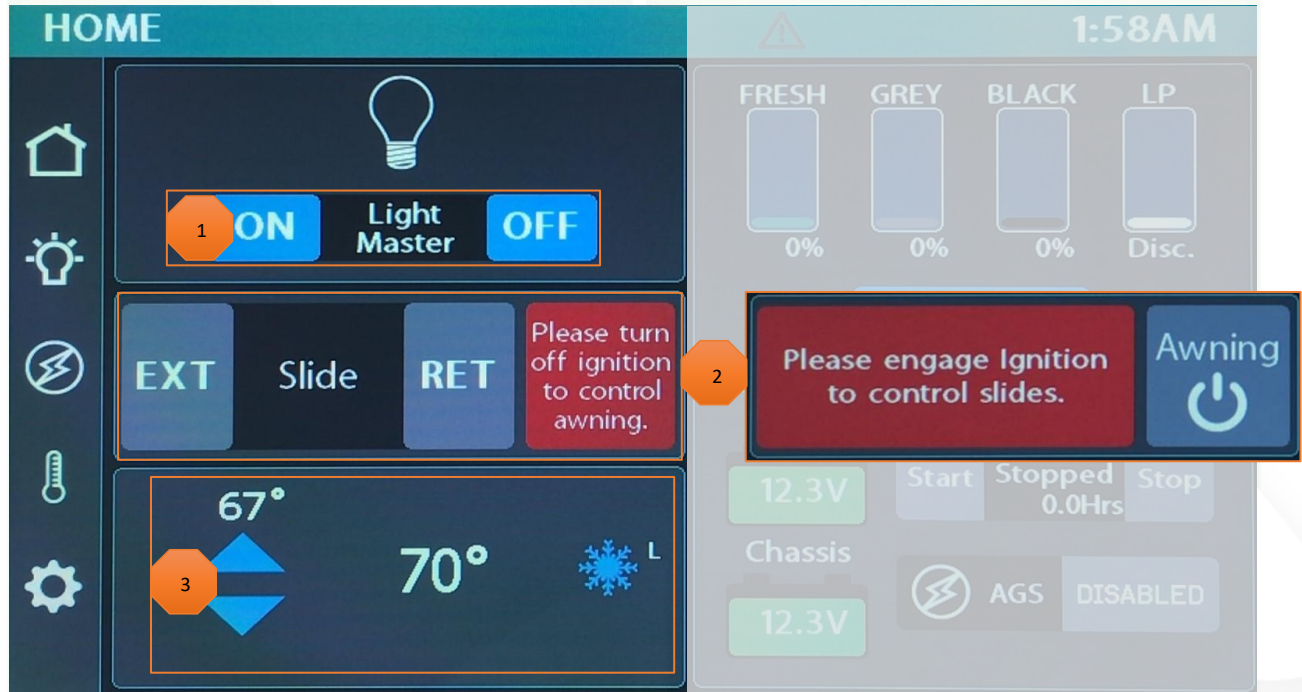


# Home

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.



2

Slide/Awning – This section of the screen will toggle between the Slide control or Awning control based on the Parking Brake/Ignition inputs currently being received by the G12 panel.

Slide – Press and Hold EXT or RET to operate the Slide.

Awning – Tap the Awning button to fully extend or retract the awning.

3

Climate Control – Tap the arrows to select your desired temperature. The current temperature and climate control mode will display on the home screen. A white fan graphic will represent Fan mode, a blue snowflake will represent Air Conditioning, a red flame graphic will represent the Furnace. Auto mode will display the graphic for the system that is currently running.



These graphics represent the percentage filled for holding tanks.

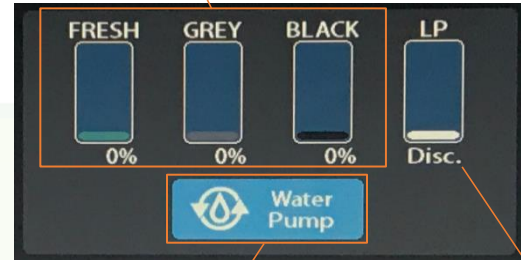
The LP Tank readings are as follows:

Disconnected – above 97%. Percentage changes to Disc and tank shows empty.

Full – 75% to 97%. Percentage changes to Full and tank shows accurate level.

Actual Level – Displays actual percentage and level 25 – 97%.

Low – 25%. Percent changes to Low and tank shows accurate level.



Water Pump – Tap to toggle On/Off.

LP percentage remaining (shown disconnected).

Button status – buttons will turn light blue when on and gray when off.

4

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.



5

### 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. Press and Hold the Gen Hours Tally for 5 seconds to change the number of Gen Hours being displayed.

Gen Start – Tap Start to start the generator.

Gen Stop – Tap Stop to stop the generator.

Tap to Enable/Disable AGS (Action Required).

#### WARNING!

Enabling AGS in an enclosed or unventilated space may cause injury or death.

Do not enable AGS without ensuring it is safe to do so.

Hold the enable button for 3 seconds or more and then release to enable.

Cancel

Enable

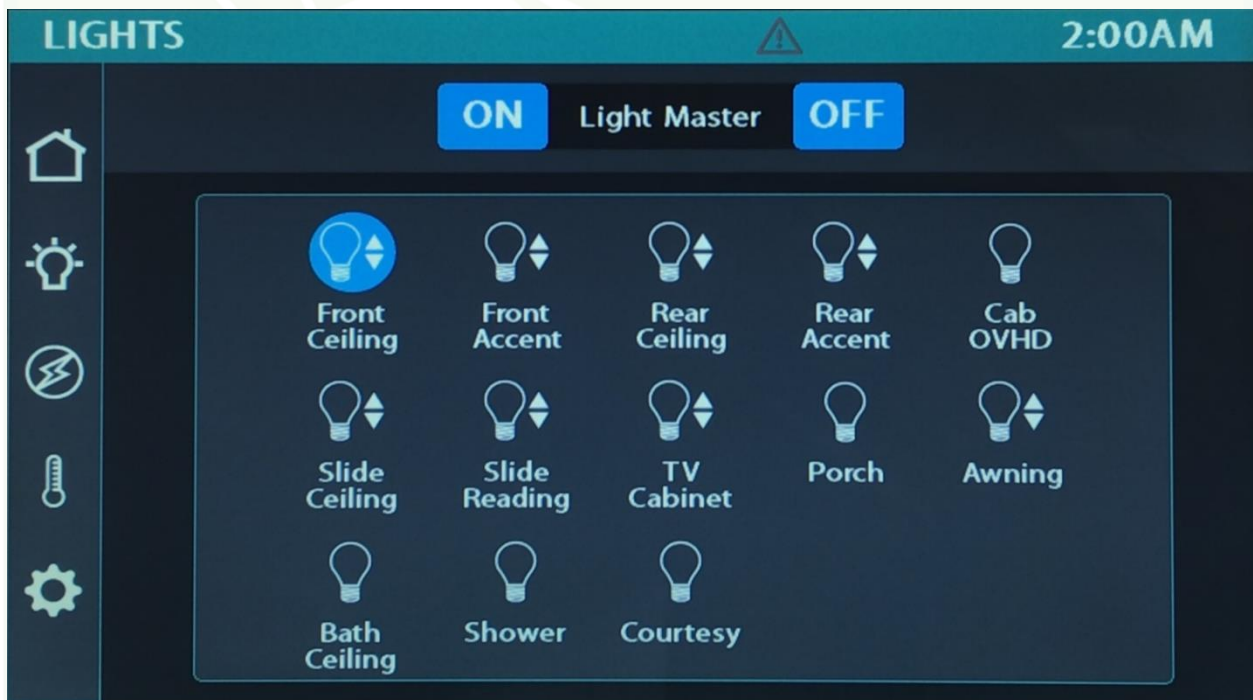


# Lights

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

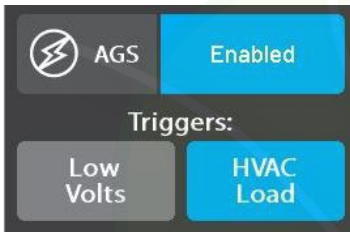


Lights with up/down arrows are dimmable. Press and hold these buttons to ramp the brightness up or down. Tap the buttons to toggle On/Off.



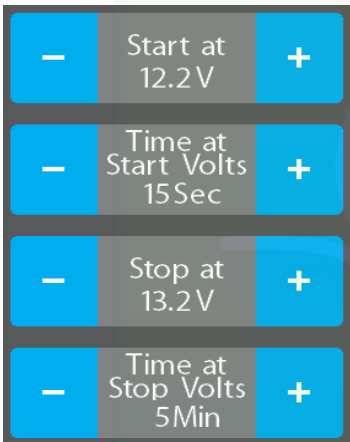


## Auto Gen Start Settings



Tap to Enable/Disable AGS (as described on page 5).

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



Start at Volts - The generator will start when the voltage drops to this set point depending on “Time a 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 minute)

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 – 120 min)



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 – 30 min)

Maximum Gen Run Time - Use the +/- buttons to set the maximum amount of time that your generator will run once it has started. (Range 120min – 300min)

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



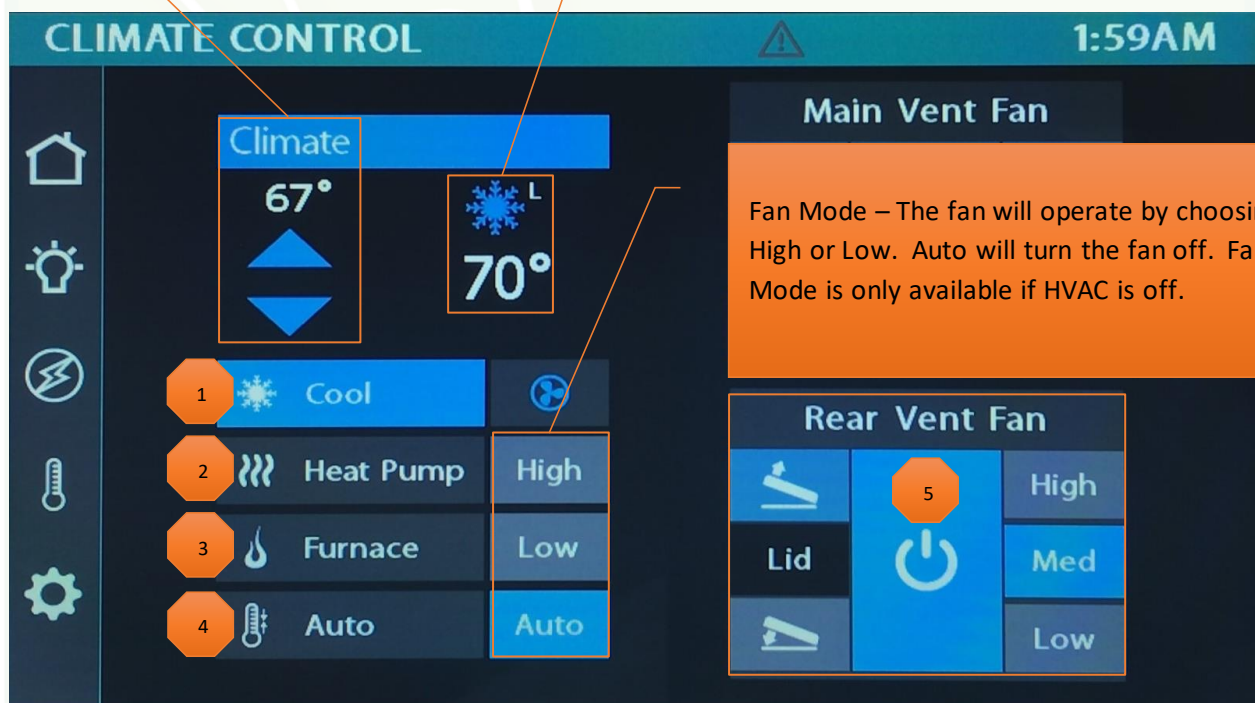
Generator Hours Reset – Press and hold the accumulated hours tally for seven seconds to enter the hours reset screen. This process should only be done after replacing or servicing the generator or to sync the hours on the screen with the hour meter on the generator.



# Climate Control

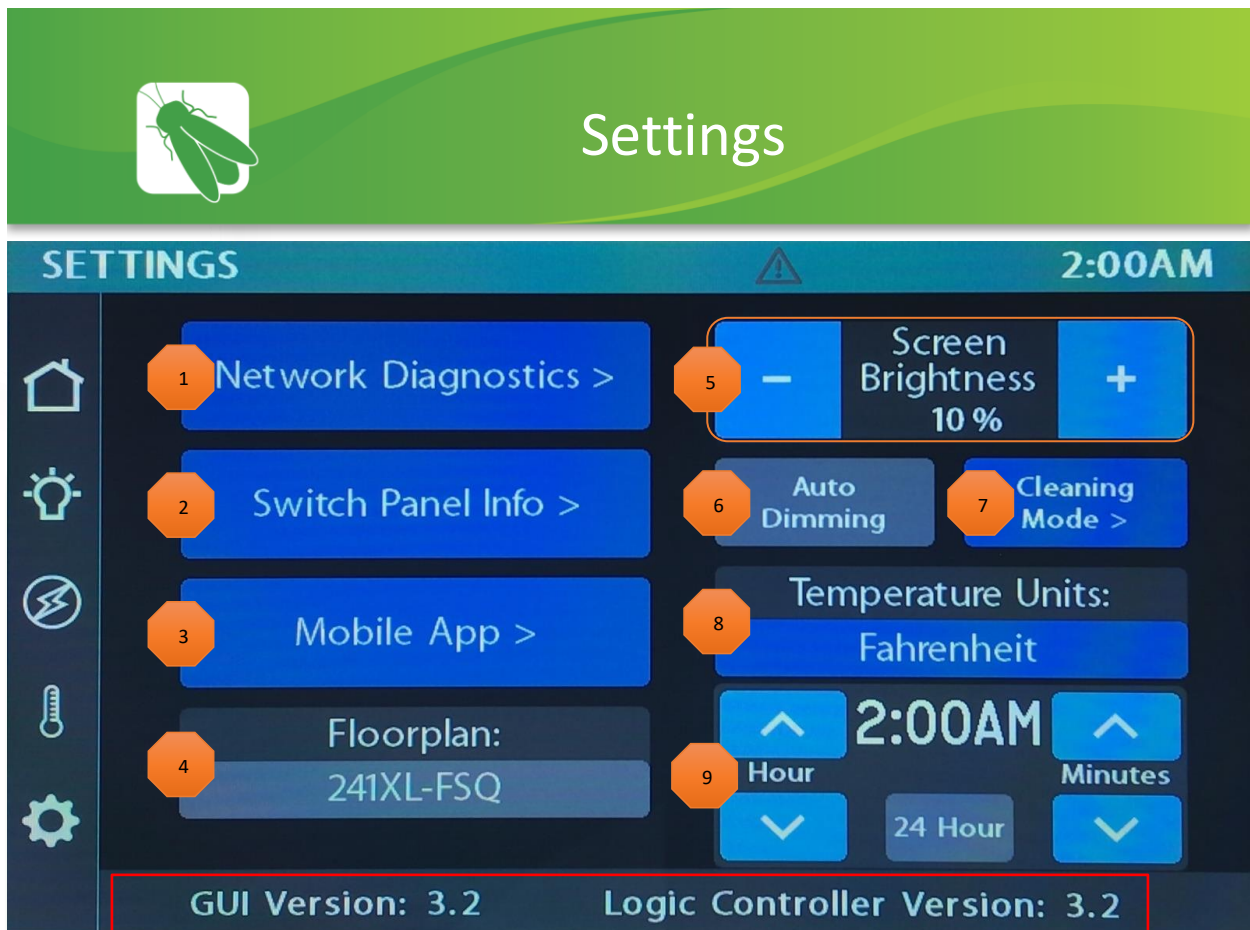
Use the Arrows to select your desired temperature by zone.

Current Temperature/Mode/Fan speed.



- 1 Cool – Tap to operate the air conditioning. The A/C will run until the current temp reaches your desired temp and then shut off.
- 2 Heat Pump – Tap to operate the Heat Pump. The Heat Pump will run until the current temp reaches your desired temp and then shut off.
- 3 Furnace – Tap to operate the furnace. The furnace will run until the current temp reaches your desired temp and then shut off.
- 4 Auto – Tap to put the system into Auto mode. The A/C or Heat Pump will automatically run to keep your desired temperature consistent. Furnace may be selected manually to be used in addition to the Heat Pump.
- 5 Vent Fan Controls – Tap Power to raise the lid and start the fan at medium speed. Tap a speed selection if you'd prefer it to run faster or slower. Tap Lid Down to power off the fan and close the lid. Tapping Lid Up will raise the lid but will not start the fan.





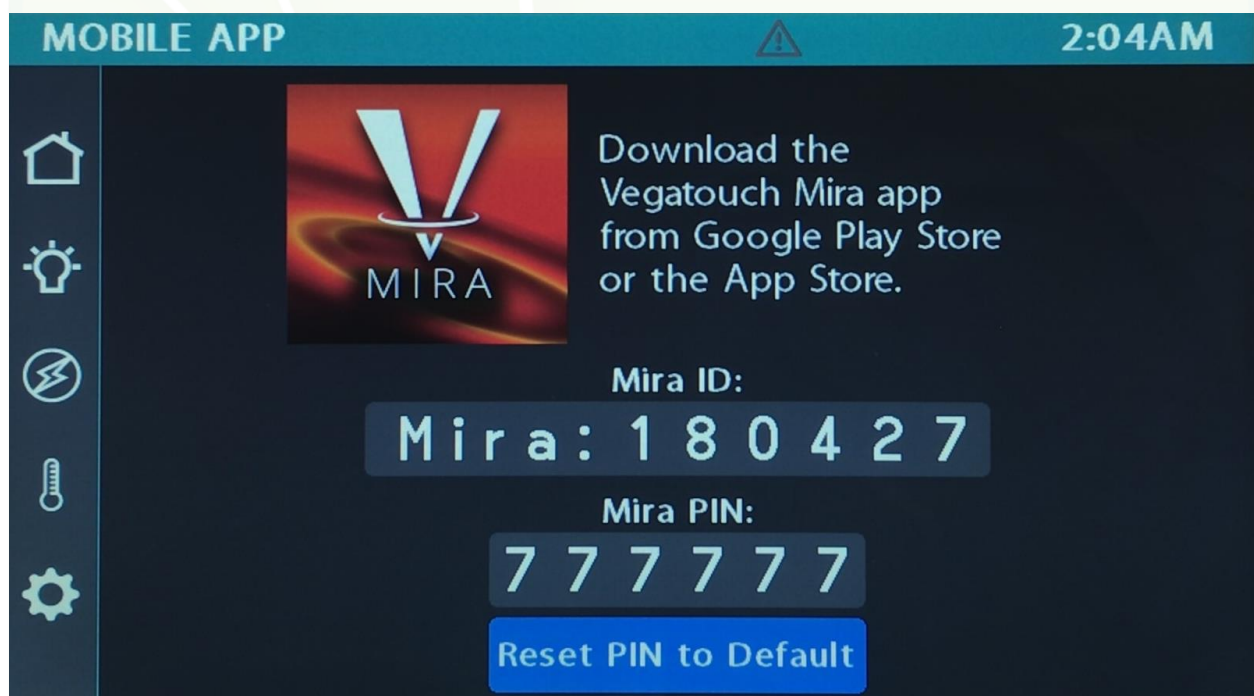
- 1 Tap to enter the Network Diagnostics page.
- 2 Navigate to the Switch Panel Info page.
- 3 Tap to enter the Vegatouch Mira connection screen.
- 4 Floorplan display.
- 5 Tap to select between 10 levels of Screen Brightness and Off.
- 6 When Auto Dimming is enabled, the screen will enter sleep mode after 60 seconds of inactivity. Tap anywhere on the screen to wake it up. Please note that even if Auto Dimming has been disabled, the screen will still enter sleep mode after 4 hours of inactivity during daytime hours (5am – 10:59pm) and after 15 minutes of inactivity during night time hours (11pm-4:59am) as the result of a built in screen saver that cannot be disabled.
- 7 Clean Mode - Disables touchscreen functionality (15 seconds) for the purpose of cleaning.
- 8 Tap the temperature units display to switch between Fahrenheit and Celsius.
- 9 Tap the buttons to set the time or choose 24-hour time.

Please note the GUI and Logic Controller versions and have these numbers available before calling Tech Support.



## Settings/Mobile App

Vegatouch Mira is a wireless control module that easily connects to any Android or iOS device to give total control to many electrical, electronic and mechanical systems in your coach. Pair any device with the coach's built-in interface to monitor and control these systems.





## Settings/Network Diagnostics

This screen will show the status of the Lyra screen and the G12 panel. It will also display any current faults the system is experiencing. Tap the tabs at the bottom of the screen to visit the different diagnostic pages.

**NETWORK DIAGNOSTICS** 2:01AM

**7IN COLOR LCD**

- STATUS ●
- FIRMWARE VERSION 1.6
- CONFIG REVISION 3.2

**G12**

- STATUS ●
- FIRMWARE VERSION 1.2
- CONFIG REVISION 3.2
- GND IN1 - Park Brake ●
- 12v IN6 - Ignition ●
- 12v IN8 - Power Sense ●
- 12v IN9 - Door Pin ●
- GEN Input ●

**FAULTS**

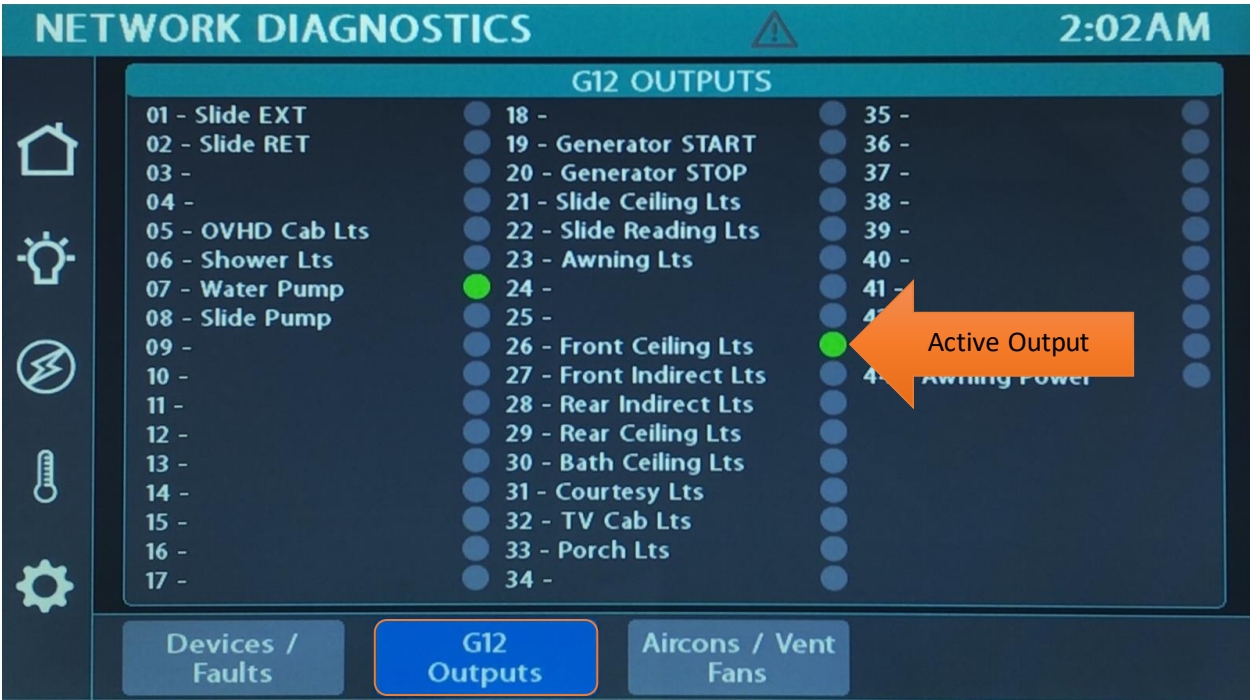
- Main Vent Fan is offline.
- No Signal From Wireless Switch 1
- No Signal From Wireless Switch 2
- No Signal From Wireless Switch 3

Current Faults

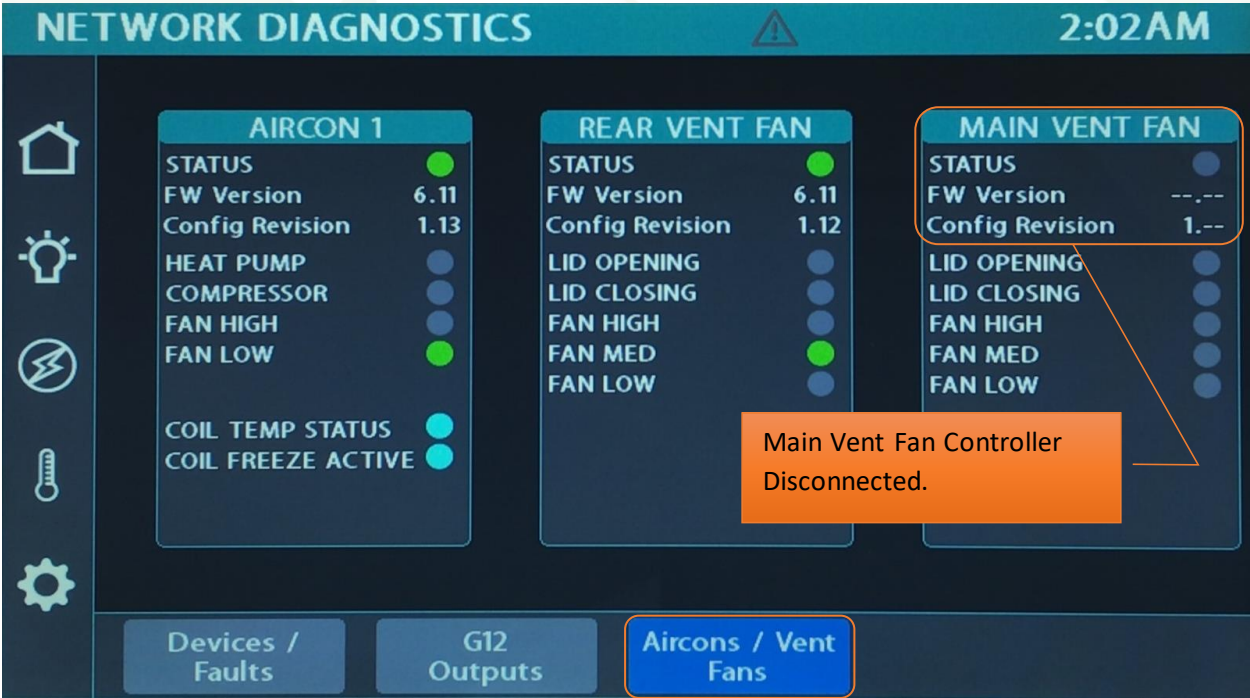
Green = Online

Devices / Faults | G12 Outputs | Aircons / Vent Fans

This screen will show which G12 Outputs are currently active.



This screen will show the current status of the Aircons and Vent Fan Controllers.



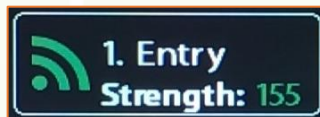




## Settings/Switch Panel Info

The color-coded Wireless Graphic and Signal Strength Value will identify the status of a wireless switch panel.

- Green – Over 100 (Strong)
- Yellow – 85-100 (Medium)
- Red – Less than 85 (Weak)



Red Wireless Graphic with a Zero reading – The switch is currently disconnected from the screen. It is likely that the battery inside your switch panel needs replaced. The wireless switch panel in your coach will illuminate a green LED whenever a button is pressed. If the LED on your switch panel does not illuminate when you press a button on your switch, you will need to replace the 2032 coin cell battery.

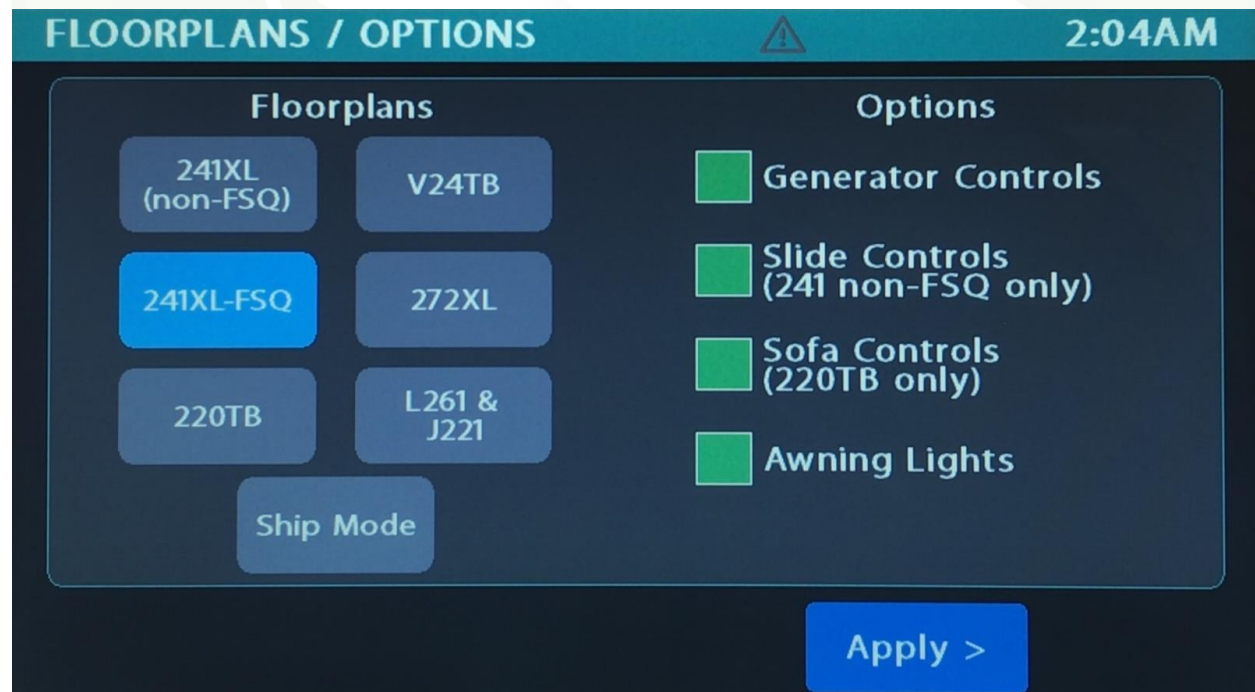
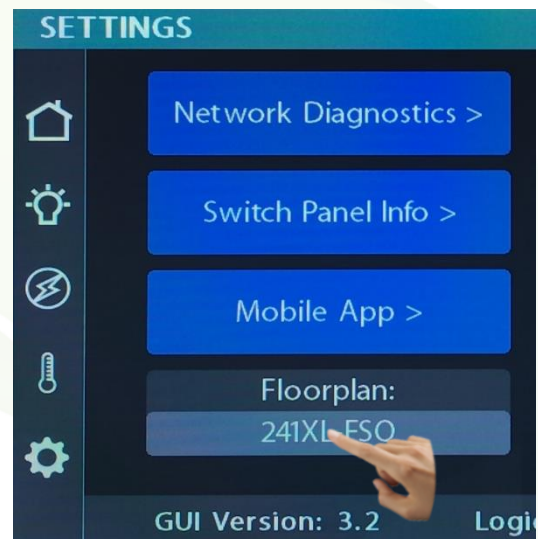
If the LED is illuminating but the switch still won't function, contact Coach House for technical support.





## Floorplan Selection and Options

Press and hold the floorplan box for 7 seconds to enter the Floorplan/Options selection screen. From here, you'll be able to select the correct floorplan and any options that are specific to the coach.





# Wireless Switch Pairing

Red switch indicator with a zero reading – The switch is currently disconnected from the screen. It is likely that the battery inside your switch panel needs replaced. The wireless switch panel in your coach will illuminate a green LED whenever a button is pressed. If the LED on 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 a new battery will not fix the issue, you might need to pair the switch panel to the screen.

- 1 Press and Hold a switch graphic for 3 seconds until the pairing screen appears.
- 2 Tap Start Pairing. You'll have 30 seconds to press and hold any 2 buttons on the switch panel at the same time for 5 seconds.
- 3 Tap Done once the pairing successful message appears. It may take up to 10 minutes for the battery switch indicator to turn Green, but the switch should work instantly once paired.

**WIRELESS SWITCHES** 2:03AM

1. Entry Strength: 0 2. Rear Strength: 0 3. Bath Strength: 0

**WIRELESS SWITCH PANEL PAIRING PROCEDURE**  
PAIRED WIRELESS ID: FFD8070B  
TO PAIR THE WIRELESS SWITCH PANEL INDICATED AT THE TOP OF THIS PAGE TO THE SCREEN, PRESS THE START PAIRING BUTTON AND INSTRUCTIONS WILL FOLLOW. TO KEEP CURRENT PAIRING, PRESS THE CANCEL BUTTON. TO CLEAR THE PAIRING, HOLD THE CLEAR BUTTON FOR 3 SECONDS.

**START PAIRING**

**WIRELESS SWITCH PANEL PAIRING PROCEDURE**  
PAIRING ACTIVE FOR: 19 SECONDS  
TO PAIR A WIRELESS SWITCH PANEL TO THE SCREEN INDICATED ABOVE, PRESS AND HOLD ANY TWO BUTTONS ON THE WIRELESS PANEL FOR 5 SECONDS.

**WIRELESS SWITCH PANEL PAIRING SUCCESSFUL**  
PAIRED WIRELESS ID: 0FD8070B

**DONE**



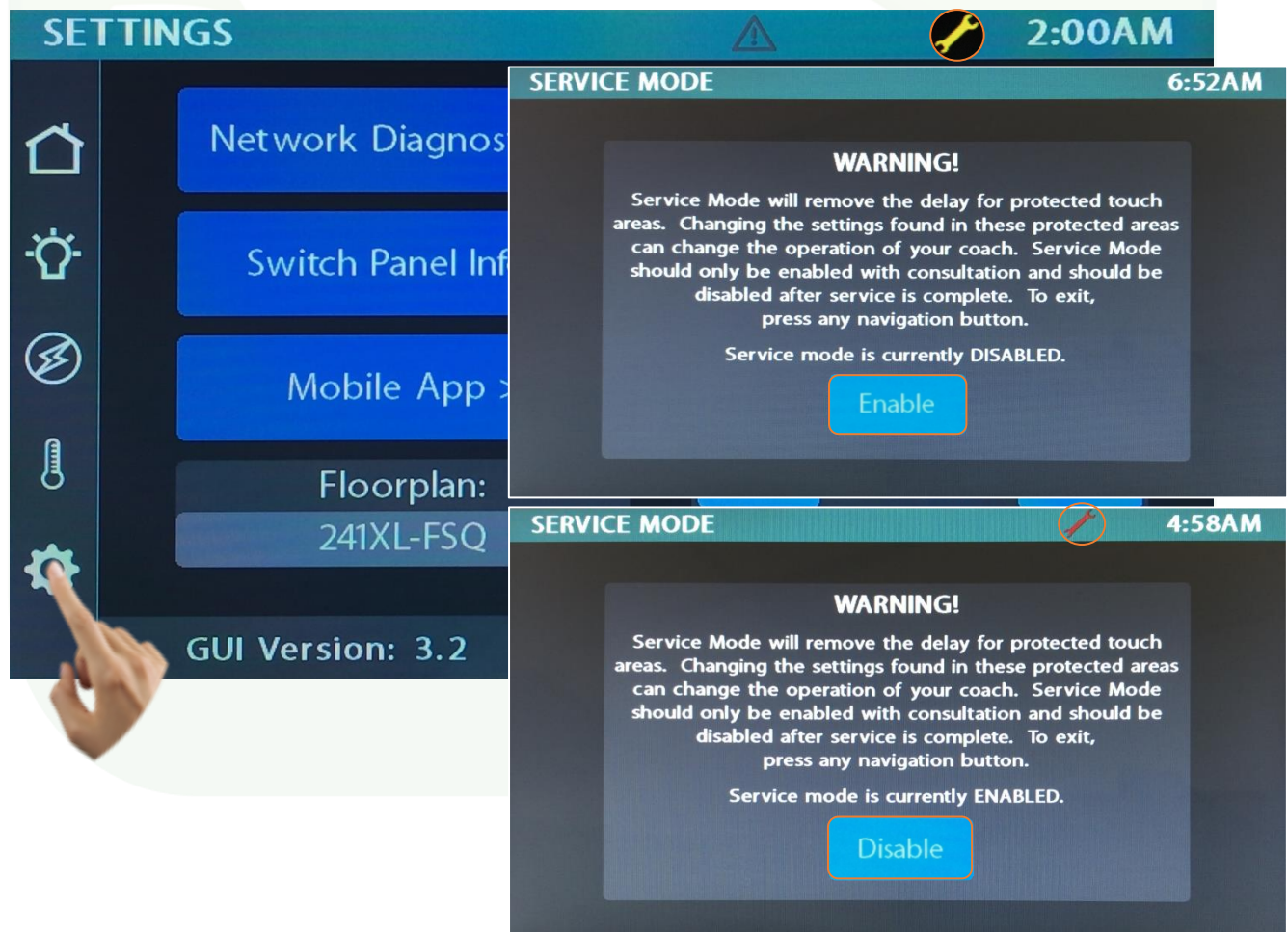
## Service Mode

This system features a Service Mode to be used by qualified technician. Once enabled, it will remove the 5-second hold delays on:

- Gen Hours Reset
- Individual Wireless Switch Pairing
- Clear All Wireless Switch Pairing
- Floorplan Selection

To enable Service Mode, Press and hold the Settings button for 5 seconds until a yellow wrench appears at the top right-hand corner of the screen (next to the time). Now, release your finger and the Warning screen will appear. Once you tap enable, the wrench will turn Red.

To disable Service mode, tap the red wrench, then tap Disable from the warning screen.







# Vegatouch Mira Modules

Vegatouch Mira is a wireless control module that easily connects to any Android or iOS device to give total control to many electrical, electronic and mechanical systems in your coach. Pair any device with the coach's built-in interface to monitor and control every component.

## Troubleshooting:

### **I CAN'T CONNECT TO MIRA WITH MY SMARTPHONE/TABLET.**

Make sure that Bluetooth is enabled on your smartphone/tablet and follow the setup instructions on the next page. Always make sure that you are using the most current version of the Mira app. Update the app if necessary.

### **WHEN I TRY TO CONNECT, THE SCREEN SAYS "SYNCING" AND NOTHING HAPPENS (OR SAYS OUT OF RANGE).**

Click on the settings page of your touchscreen and verify that your coach's floorplan is selected. If the floorplan is blank, Mira won't be able to connect.

The network cable could also be faulty. Inspect the cable at both ends and replace it if necessary. If the cabling and setup seem to be correct, contact Firefly Integrations about possibly replacing the Mira module.

### **Blinking NET LED:**

A blinking green NET LED on this module, please see page 26 of this manual.

### **Password Reset:**

Reset the Mira's password back to default (777777) by inserting a thin object, such as a toothpick, into the small hole on the front of the module and pressing the internal reset button for 5 seconds. You can also reset the password from the Touchscreen by navigating to Settings/Mobile App and tapping Reset Pin to Default.





# Mira Setup

**Notice:** Make sure that Bluetooth is turned ON in your smart device settings before proceeding.

## Locate the Login Information:

The login information can be found by clicking on the Mobile App button on the settings page of the touchscreen or from the Mira module's label.

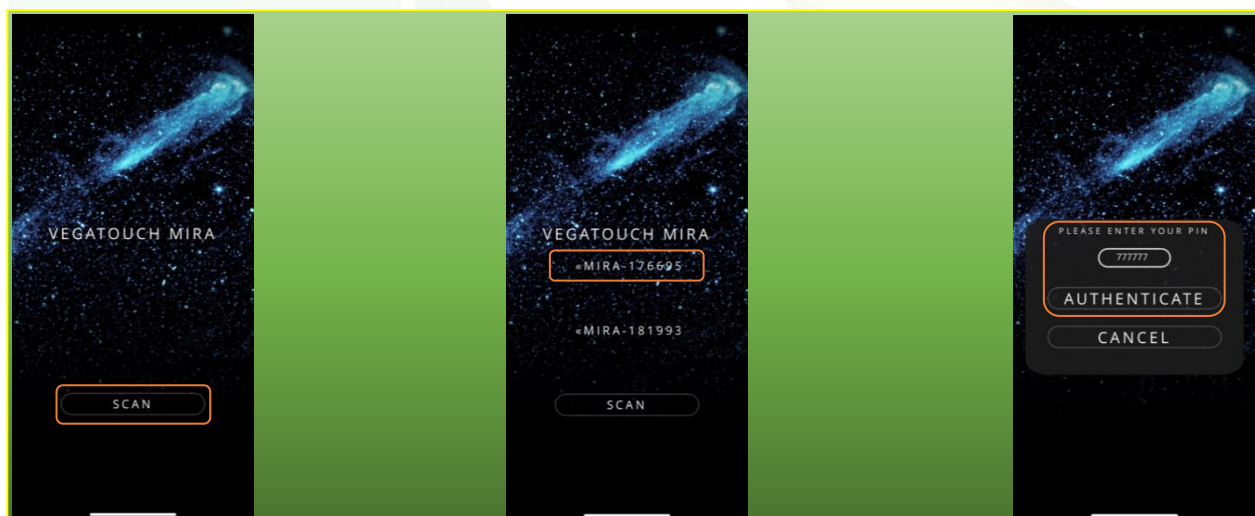


## Download:

Download Vegatouch Mira from the Google Play store or the App Store. Once the download has finished, install the app and open it.

## Setup:

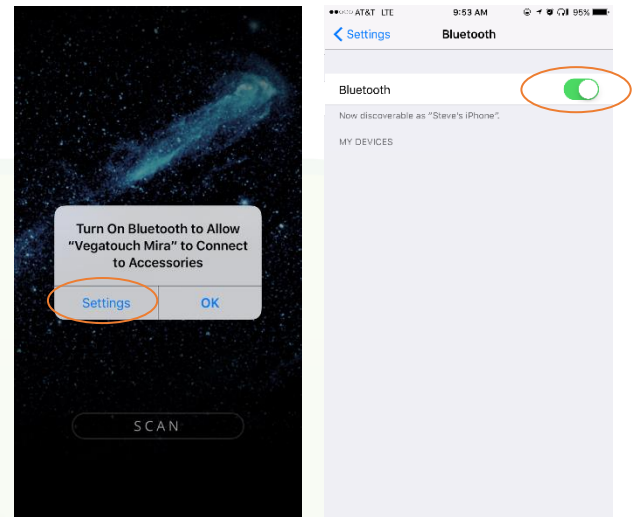
Tap SCAN to find the Mira Module's signal. After scanning, any Mira Module in your area will appear on the screen. Tap the ID # that matches the one on your Mira label. Enter the PIN number from the Mira label and press AUTHENTICATE to connect to the system.



## Notice: iOS Setup Tips

Turn on Bluetooth to allow Vegatouch Mira to connect to Accessories.

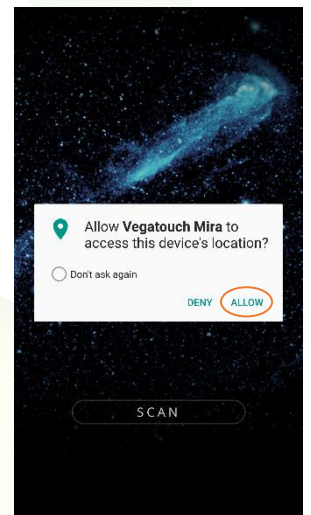
If you do not have Bluetooth turned ON in your iOS settings, you will see this screen. Do not click OK, you must click SETTINGS. Your Bluetooth Settings page will now appear, and you should turn Bluetooth ON.



## Notice: Android Setup Tips

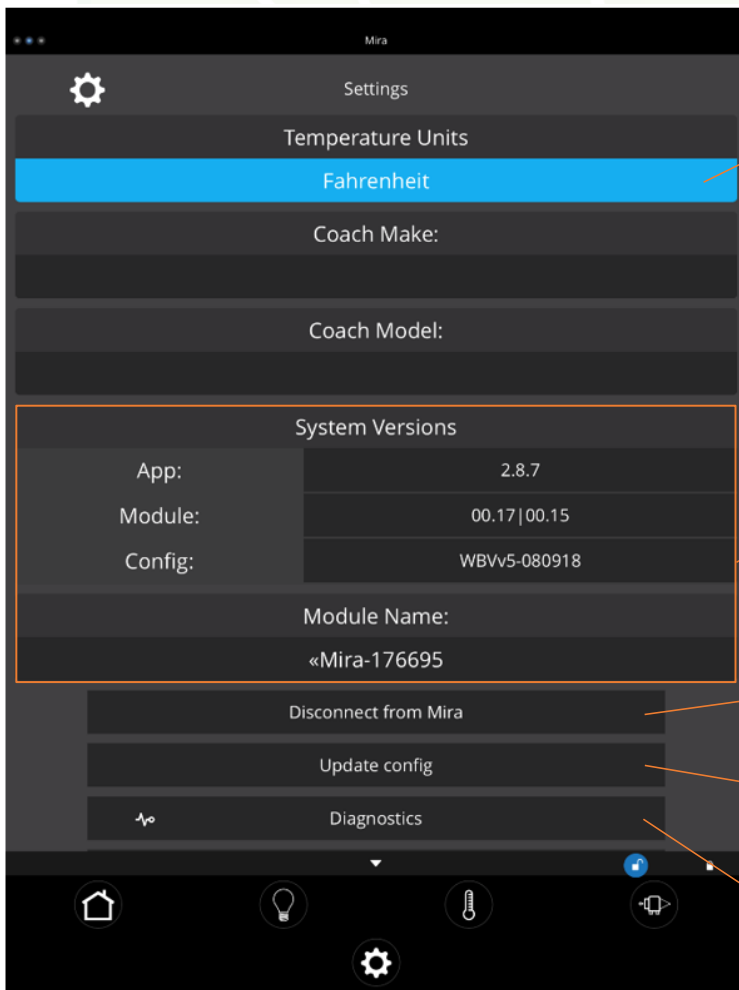
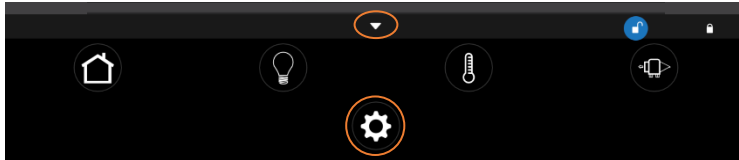
Allow Vegatouch Mira to access this device's location.

Mira will need to be allowed access to your location. Click ALLOW when you see this screen.



## App Settings:

Access the App Settings page by tapping the triangle (at the bottom of the screen) to expose the Settings button. Tap the gear to visit the settings page.



Tap the Temperature Units selection to choose between Fahrenheit and Celsius.

System Information and Mira Name.

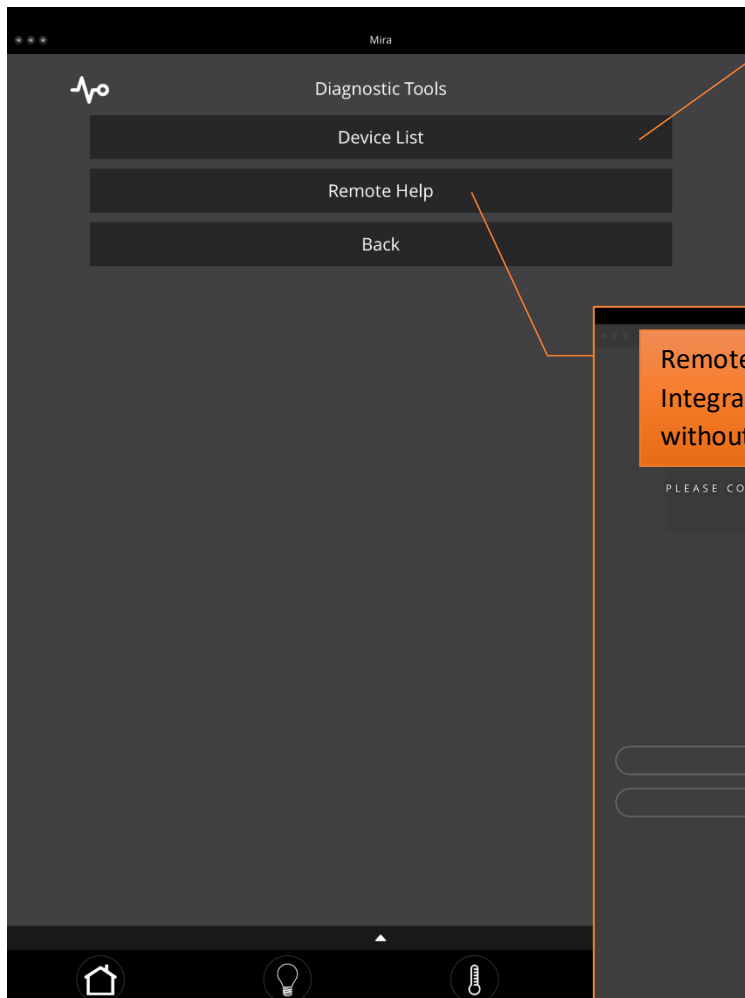
Tap to disconnect your device from Mira.

Tapping Update Config will force a download of the config from the cloud.

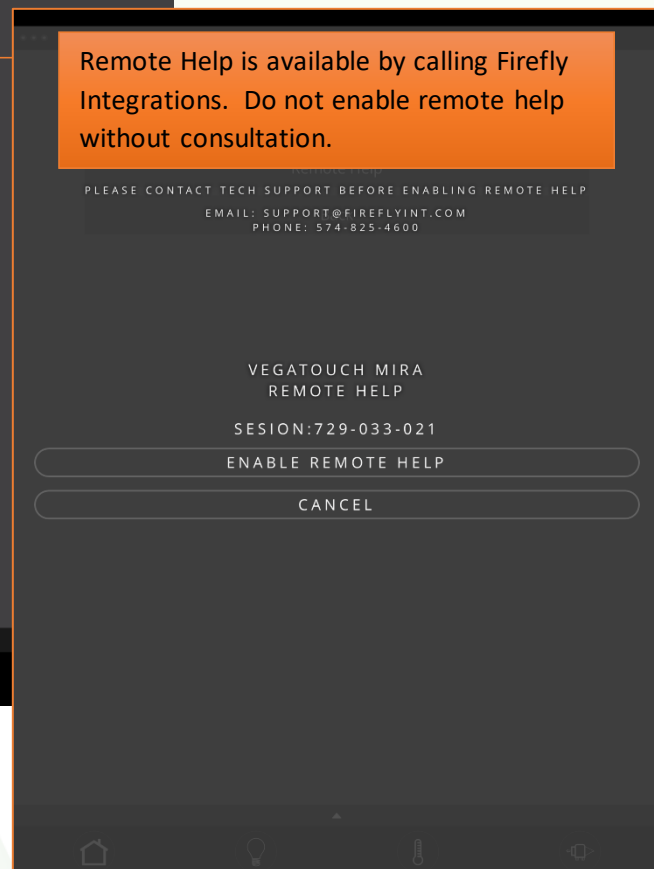
Tap to enter the Diagnostic Tools screen.



## Diagnostic Tools:



Tap to display a list of currently connected devices.



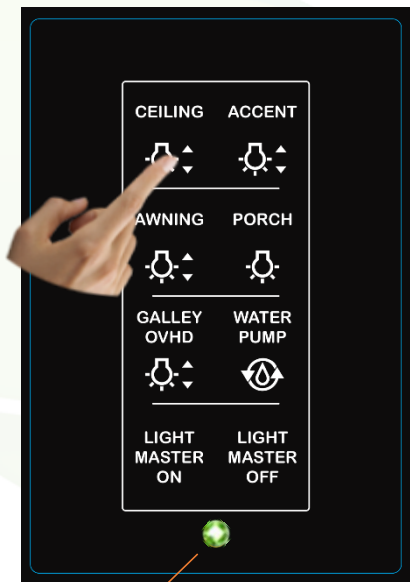


## SSP17 Switch Panels

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. These switches are powered by a 2032-coin cell battery. If you press a switch panel button and the operational LED does not 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.



Operational LED



Slide the battery up to remove.



## G12 DC Panel

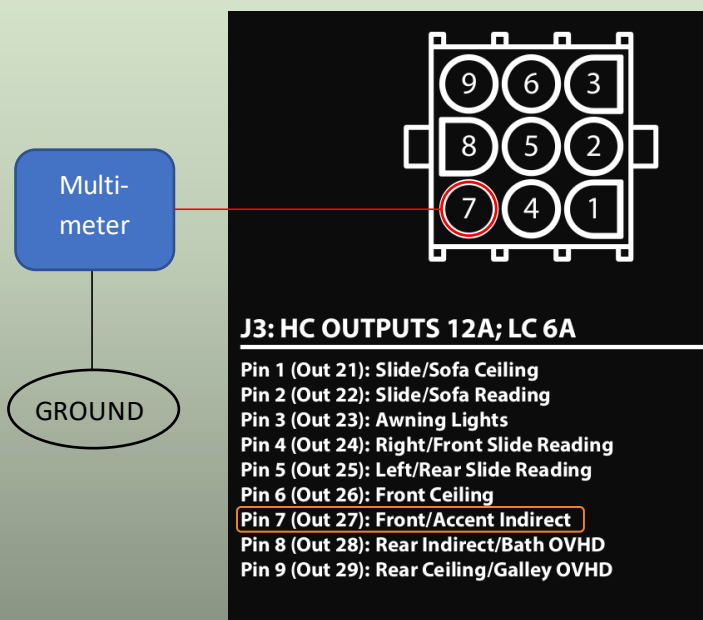
Your G12 control panel is the power distribution center for the coach. This panel receives the signals sent from your switch panels and performs the actions that have been requested by activating and deactivating the required circuits.

Every circuit controlled by the G12 is numbered and listed on a black label (load list) which is usually mounted next to the G12 panel. Troubleshooting Example - If you press the Front Accent Lights button on your Lyra screen and the lights don't come on, check the Network Diagnostics Page to see if the light for Output 27 shows status. If it does, you will want to check output voltage on that pin to make sure that the G12 is sending power to the lights (Fig 1).



Figure 1

Test **Positive** Output Channels as shown:

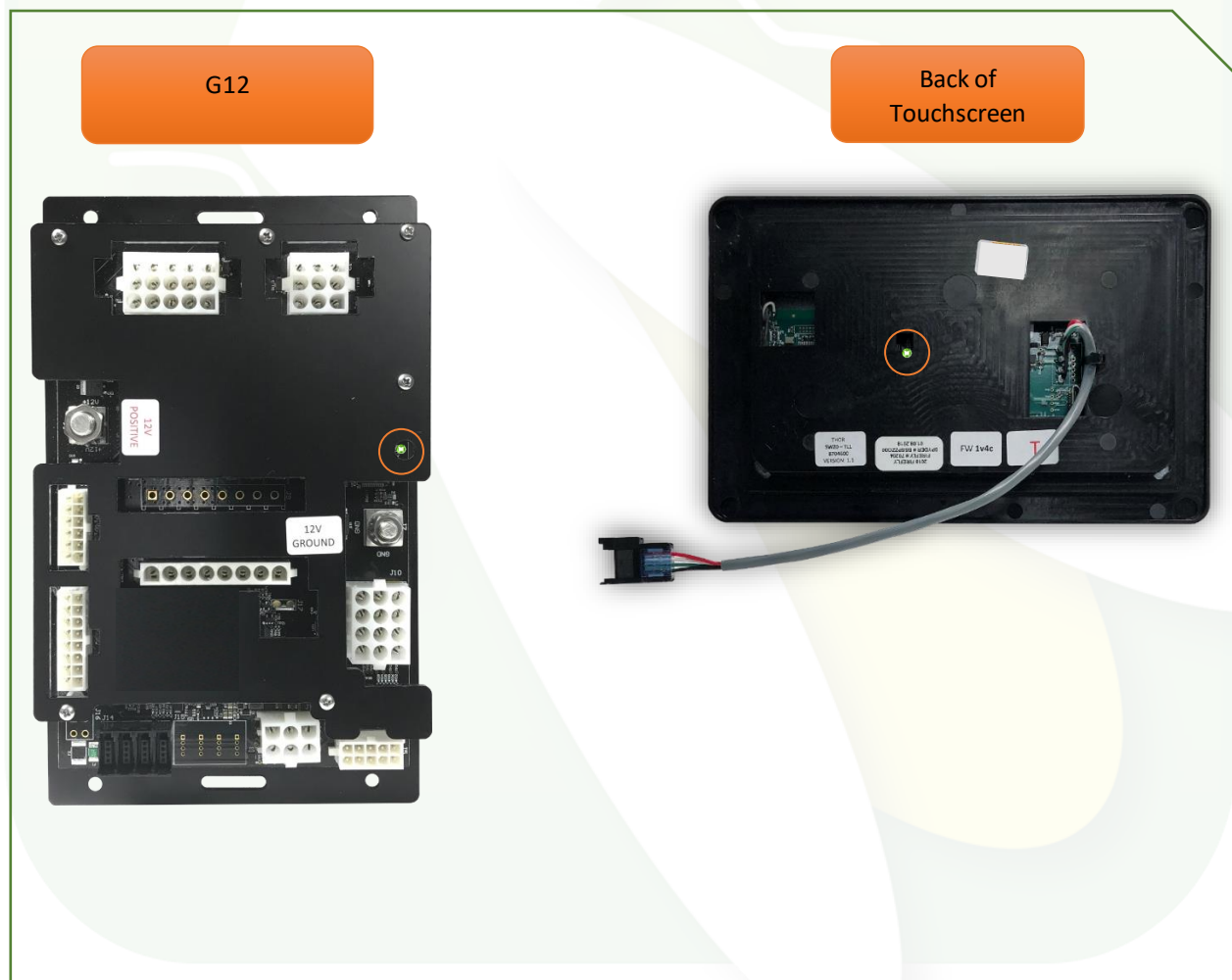




# Networking

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:

















# Network Status Indicators

Every component of the Firefly system uses an LED to communicate network status. Use the key below to determine the network status of your hardware.

## **Panel Network Status Indicator – Applies to any device with a network indicator:**

-  /  Fast flashing Green Light (4 times/sec) – Device is attempting to make initial connection.
-  /  Slow flashing Green Light (1 time/sec) – Device was online but has been offline for at least 5 sec.
-  Solid Green – Device is connected to network and is communicating properly.
-  Solid Red – Device has gone offline and is not connected to a network.
-  /  Alternating Red & Orange – Device has gone offline and is trying to re-connect (within 30 sec).
-  /  Alternating Green & Orange – Device is currently online but has gone offline 2 or more times

Note: The NET LED for Mira Modules will operate differently. Please see the next page.



## Mira NET LED Status Key

The NET LED on your Mira module can change color in different situations. Use the following key to determine the operational status of your module.

	Off	Device has no power or has completely failed
	Fast flashing green (4 times/sec)	Device is attempting to make initial connection to the CAN network and good files
	Solid green	Device is operating correctly and has seen a CAN message in the past 5 seconds and good files
	Slow flashing green (1 time/sec)	Device was active on the CAN bus but has not seen a valid message in 5 seconds and good files
	Alternating red and yellow	Device has not seen CAN messages in 30 seconds and good files
	Alternating yellow and green	Device is currently active on the CAN bus but has not seen a CAN message within a 30s interval 2 for more times since the last power cycle and good files
	Solid red	Device has not seen a CAN message in the past 60 seconds and good files
	Fast alternating green and blue (4 times/sec)	Device is attempting to make initial connection to the CAN network and corrupted files
	Solid blue	Device is operating correctly and has seen a CAN message in the past 5 seconds and corrupted files
	Slow alternating green and blue (1 time/sec)	Device was active on the CAN bus but has not seen a valid message in 5 seconds and corrupted files
	Alternating red and blue	Device has not seen CAN messages in 30 seconds and corrupted files
	Alternating yellow and blue	Device is currently active on the CAN bus but has not seen a CAN message within a 30s interval 2 or more times during a power cycle and corrupted files
	Solid purple	Device has not seen a CAN message in the past 60 seconds and corrupted files
	Flashing white	Device pin is being reset
	Solid yellow	Device pin has been reset
	Flashing blue	Device does not have a valid application
	Flashing red (2 seconds)	Factory test: Red LED
	Flashing green (2 seconds)	Factory test: Green LED
	Flashing blue (2 seconds)	Factory test: Blue LED

# G12 Master

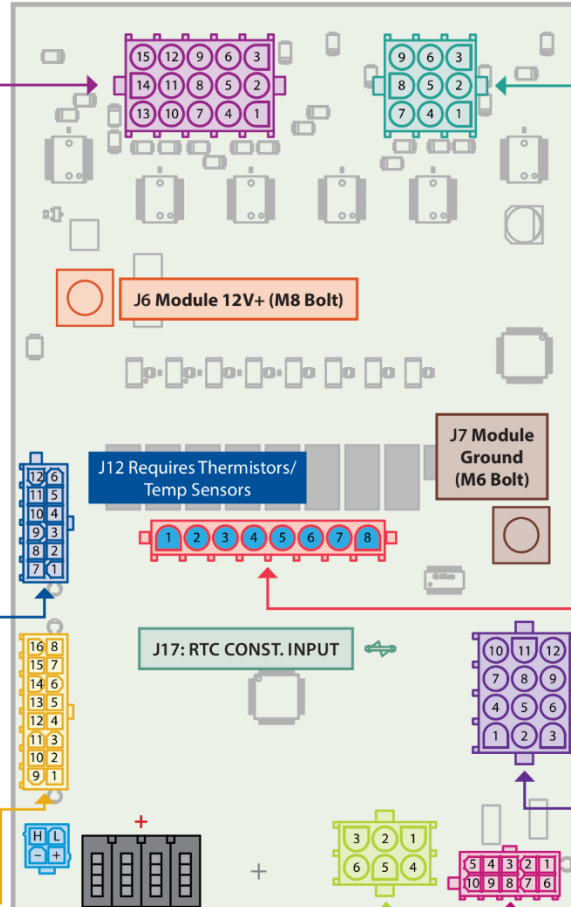
Log In:

**Customer:** COACH HOUSE **Model:** ALL **Revision:** 3V4  
**Raw Part:** 7000700 G12 w/Probe **Custom Part:** **Date:** 09/17/19 NP/LB  
**Outputs:** 1-44 **Program Version:**

J4: HIGH CURRENT OUTPUTS 12A; LOW CURRENT 6A				
Pin	Out	Load	AMP	O/C
1	30	BATH CEILING	4A	.27s
2	31	COURTESY	4A	.27s
3	32	TV CAB LIGHTS (DIM)	4A	.27s
4	33	PORCH	4A	.27s
5	34	P/S OVHD/DINETTE CAB (DIM)	4A	.27s
6	35	D/S OVHD/DINETTE READING (DIM)	4A	.27s
7	36		4A	.27s
8	37		4A	.27s
9	38		4A	.27s
10	39		4A	.27s
11	40		4A	.27s
12	41		4A	.27s
13	42		4A	.27s
14	43	FURNACE FRONT	6A	.53s
15	44	AWNING POWER	10A	.27s

J12: THERMISTORS	
Pin	Load
1	THERMISTOR
2	
3	
4	
5	
6	
7	THERMISTOR (GND)
8	
9	
10	
11	
12	

J11: TANKS	
Pin	Load
1	FRESH TANK
2	GREY TANK
3	BLACK TANK
4	
5	
6	
7	
8	
9	
10	TANK GROUND
11	
12	
13	
14	
15	
16	



J13: LPG	
Pin	Load
1	LPG
2	
3	CHASSIS BATTERY (12 VDC INPUT)
4	LP SENSOR GND
5	
6	GEN HOURMETER (12 VDC INPUT)

J3: HIGH CURRENT OUTPUTS 12A; LOW CURRENT 6A				
Pin	Out	Load	AMP	O/C
1	21	SLIDE/ SOFA CEILING (DIM)	4A	.27s
2	22	SLIDE/ SOFA READING (DIM)	4A	.27s
3	23	AWNING LIGHTS (DIM)	4A	.27s
4	24	RIGHT/ FRONT SLIDE READING (DIM)	4A	.27s
5	25	LEFT/ REAR SLIDE READING (DIM)	4A	.27s
6	26	FRONT CEILING (DIM)	4A	.27s
7	27	FRONT/ ACCENT INDIRECT (DIM)	4A	.27s
8	28	REAR INDIRECT/ BATH OVHD (DIM)	4A	.27s
9	29	REAR CEILING/ GALLEY OVHD (DIM)	4A	.27s

J8: HIGH CURRENT RELAYS (20A MAX)				
Pin	Out	Load	AMP	O/C
1	1	FRONT SLIDE EXT/ SOFA DOWN (R)	20A	1.0s
2	2	FRONT SLIDE RET/ SOFA UP (RP)	20A	1.0s
3	3	REAR SLIDE EXT/ SOFA FORWARD (R)	20A	1.0s
4	4	REAR SLIDE RET/ SOFA REVERSE (RP)	20A	.26s
5	5	OVHD CAB LIGHTS	10A	.26s
6	6	SHOWER LIGHTS	10A	.26s
7	7	WATER PUMP	15A	2.0s
8	8	SLIDE PUMP	20A	1.0s

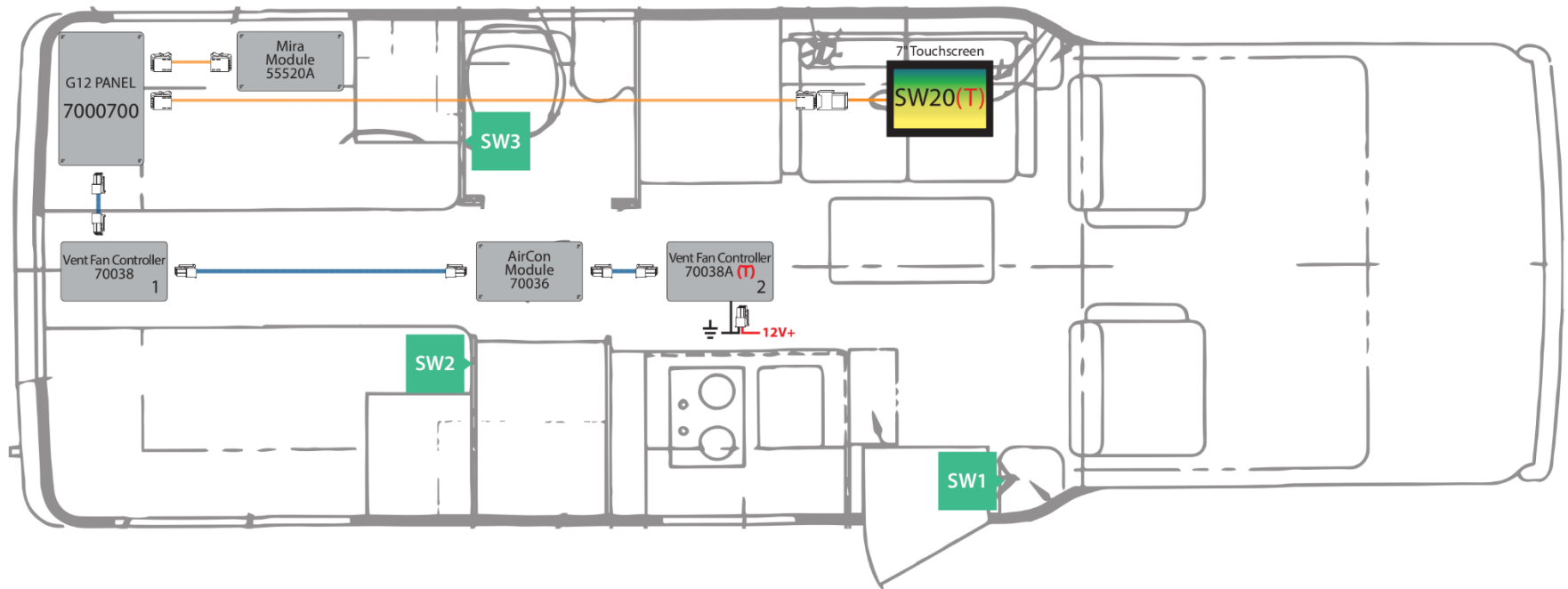
J10: HALF BRIDGES 1A (PROGRAMMABLE POLARITY)				
Pin	Out	Load		+/-
1	9			+
2	10			+
3	11			+
4	12			+
5	13			+
6	14			+
7	15			+
8	16			+
9	17			+
10	18			+
11	19	GEN START (GND)		-
12	20	GEN STOP (GND)		-

J5: INPUTS		
Pin	Load	+/-
1	PARK BRAKE SLIDE LOCK (GND)	-
2		-
3		-
4		-
5		-
6	IGNITION (12V)	+
7		+
8	AC POWER SENSE (12V)	+
9	DOOR PIN (12V)	+
10		+

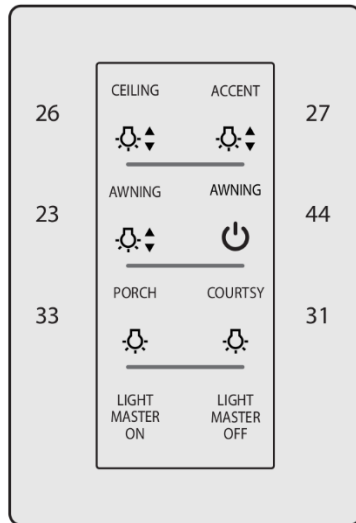
Add Placeholders

Pin Legend: ■ Reverse Polarity

G12 Master 1v2 Updated 05/22/2019

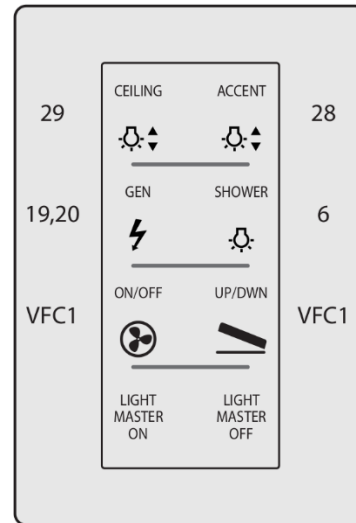


Coach House  
SW1 - Entry (RFB)



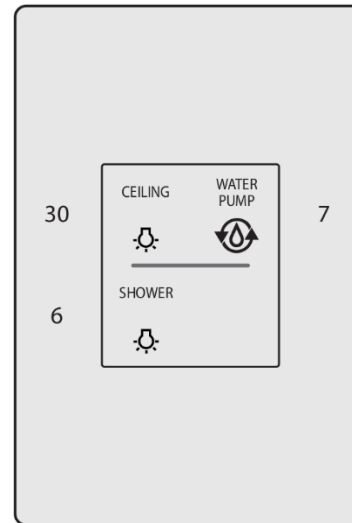
70347 - 8 Position

Coach House  
SW2 - Rear (RFB)



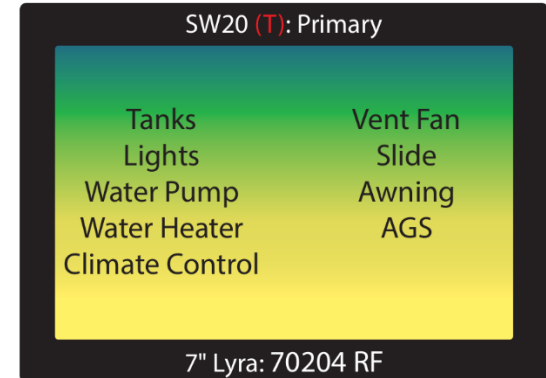
70347 - 8 Position

Coach House  
SW3 - Bath (RFB)



70346 - 4 Position

SW20 (T): Primary



7" Lyra: 70204 RF

**Coach House V3 - 220TB Kit: 11000001A**  
**Network Wiring Diagram and Switch Panel Layout**  
 SSP-17 RFB & 7" Lyra (RF)    Rev 3v4    07/23/19

DI: MH

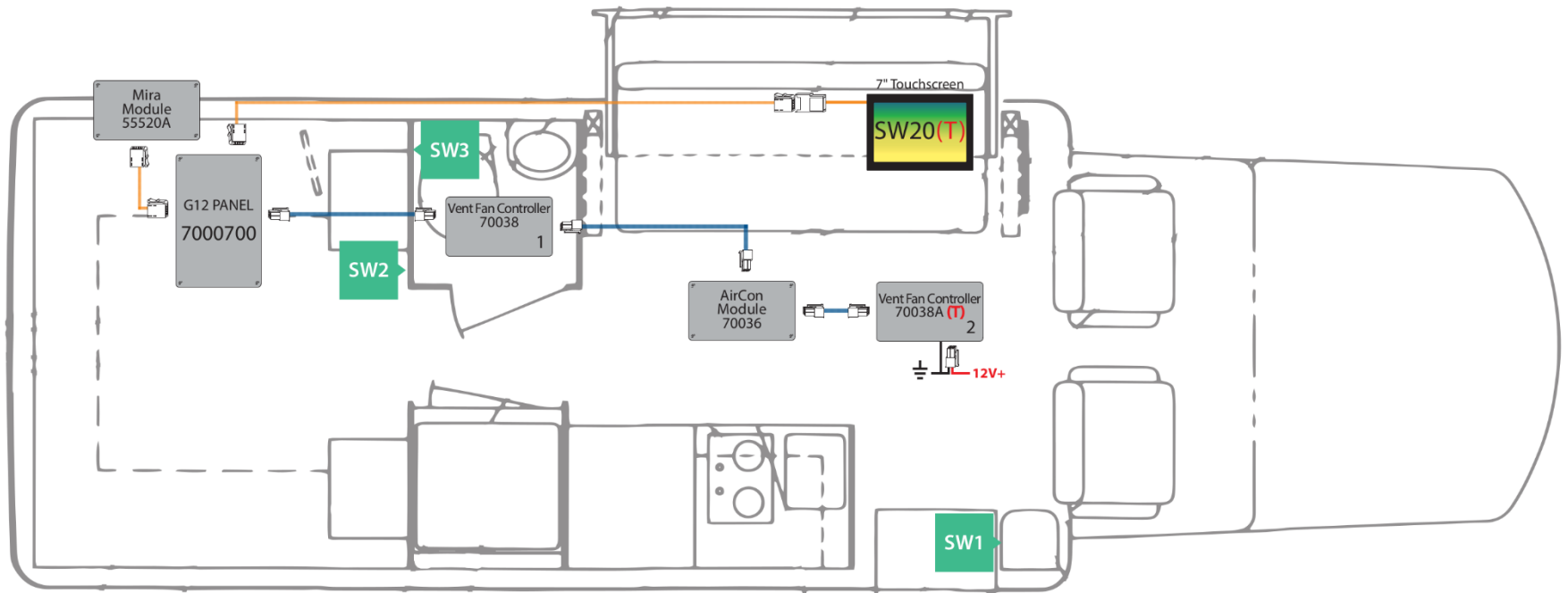
PI:

**Network Legend**

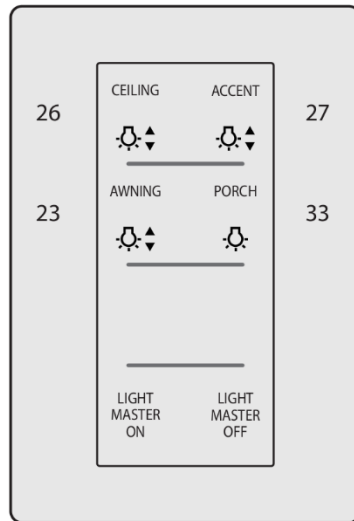
Trunk Cable ———  
 Drop Cable ———  
 Switch Position ■

**Drop Cable Connections**  
  
 Black / Blue / Red / White



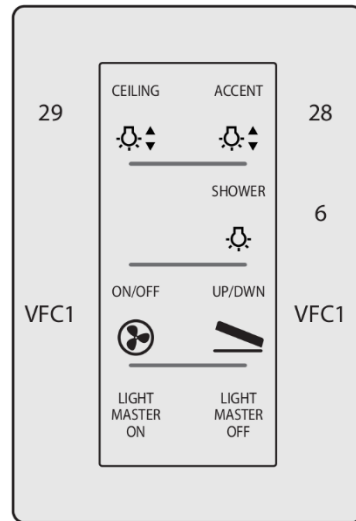


Coach House  
SW1 - Entry (RFB)



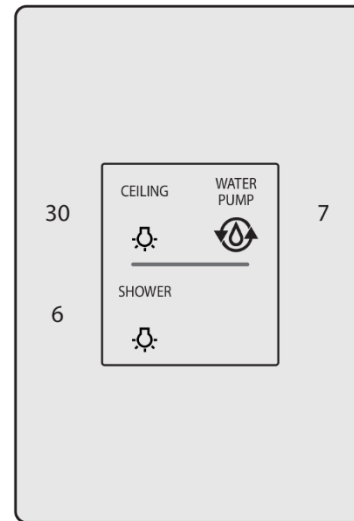
70347 - 8 Position RFB

Coach House  
SW2 - Rear (RFB)

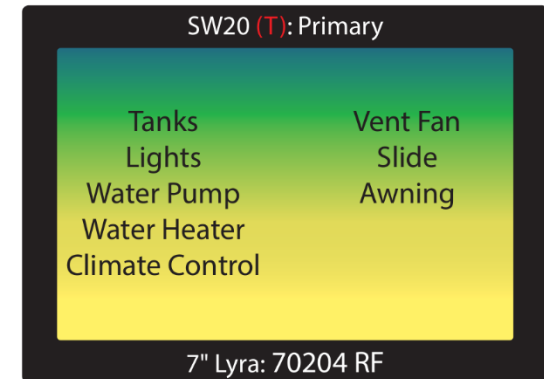


70347 - 8 Position RFB

Coach House  
SW3 - Bath (RFB)



70346 - 4 Position RFB



### Coach House V3 - 240 (no GEN)

Kit: 11000002A

Network Wiring Diagram and Switch Panel Layout

SSP-17 RFB & 7" Lyra - RF

Rev. 3v3

07/23/19

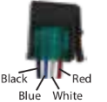
DI: MH

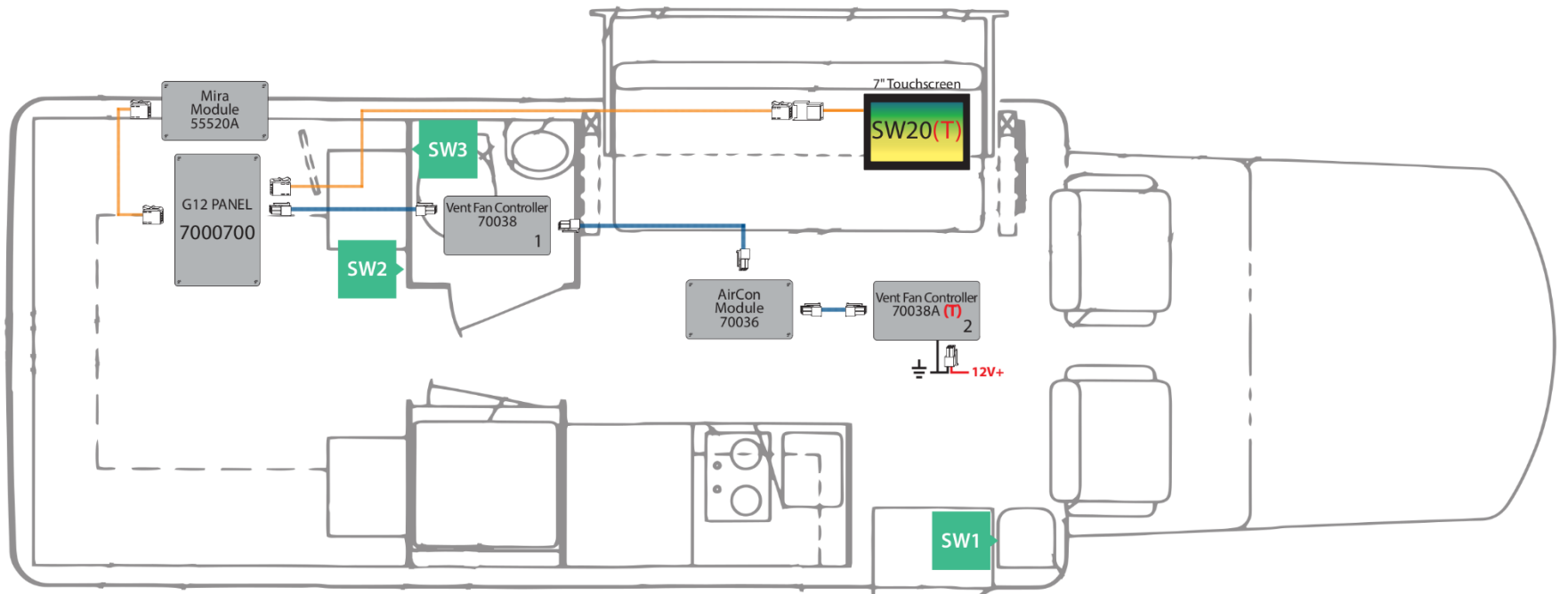
PI:

### Network Legend

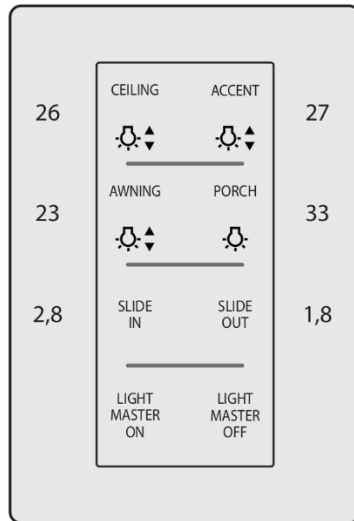
Trunk Cable  
Drop Cable  
Switch Position

Drop Cable Connections



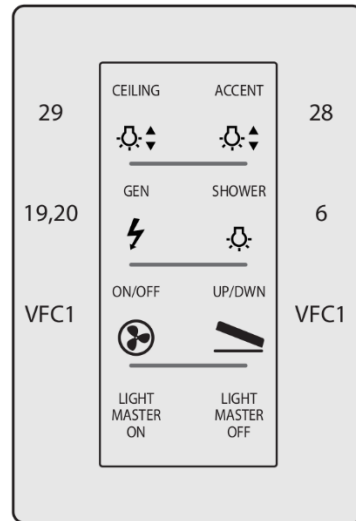


Coach House  
SW1 - Entry (RFB)



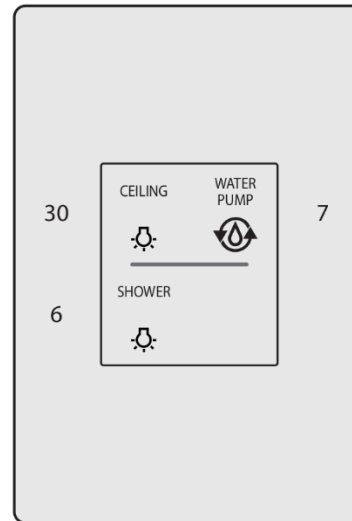
70347 - 8 Position RFB

Coach House  
SW2 - Rear (RFB)

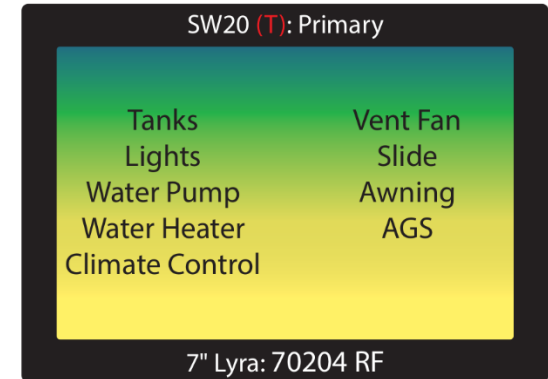


70347 - 8 Position RFB

Coach House  
SW3 - Bath (RFB)



70346 - 4 Position RFB



### Coach House V3 - 241XL (non-FSQ) Kit: 11000003A

Network Wiring Diagram and Switch Panel Layout

SSP-17 RFB & 7" Lyra - RF

Rev. 3v3

07/23/19

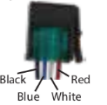
DI: MH

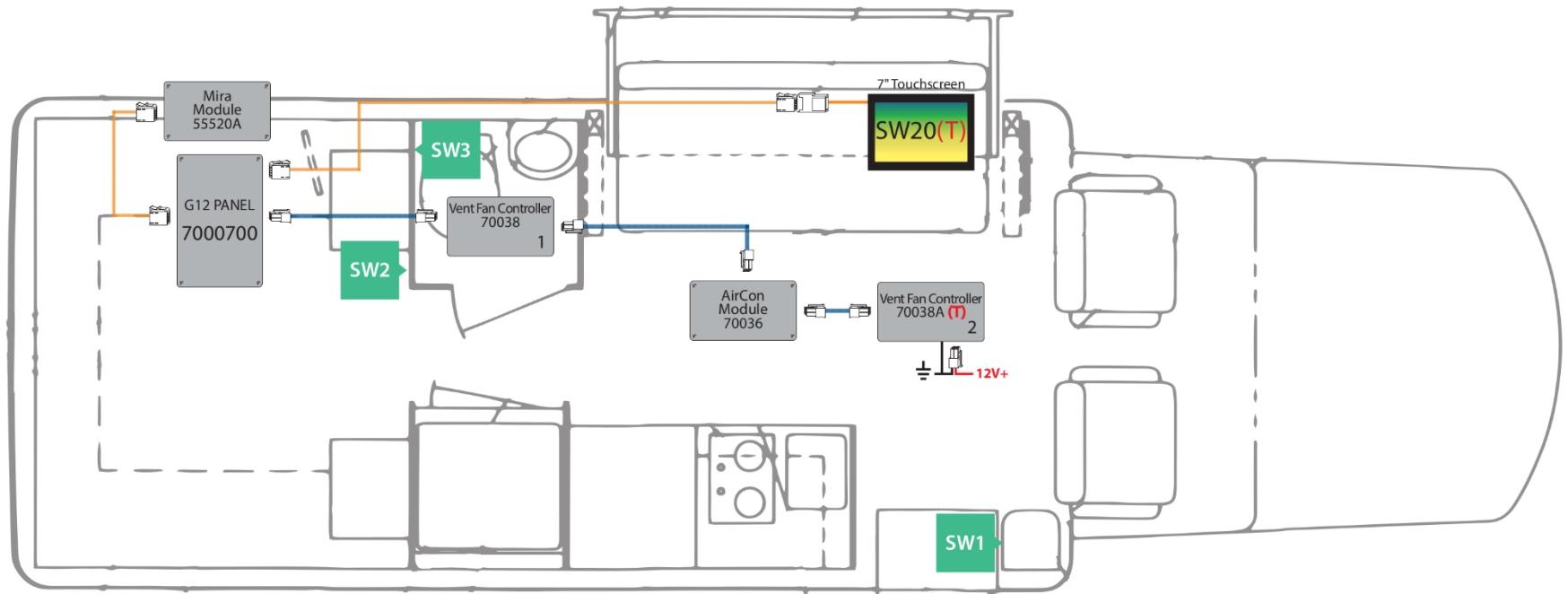
PI:

### Network Legend

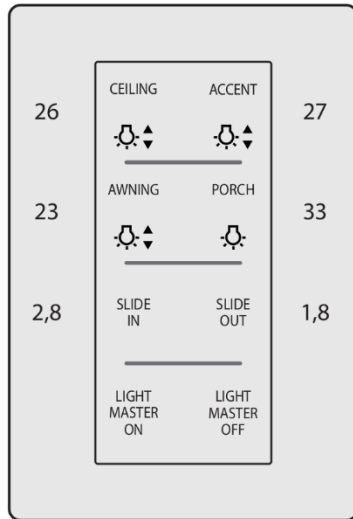
Trunk Cable  
Drop Cable  
Switch Position

Drop Cable Connections



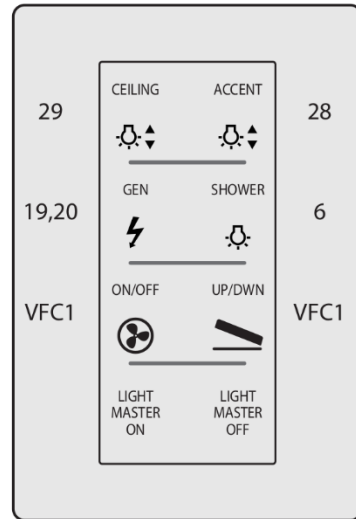


Coach House  
SW1 - Entry (RFB)



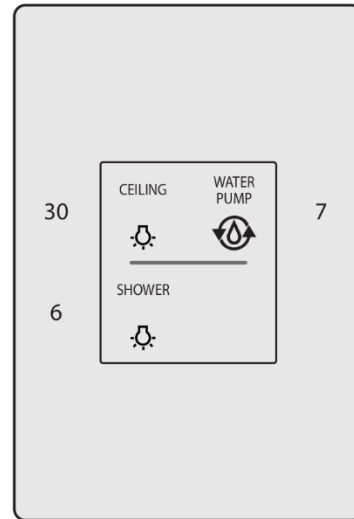
70347 - 8 Position RFB

Coach House  
SW2 - Rear (RFB)

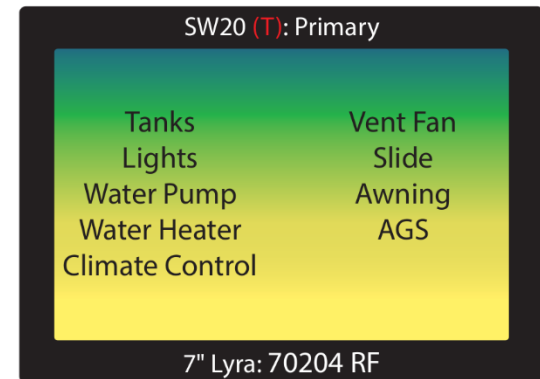


70347 - 8 Position RFB

Coach House  
SW3 - Bath (RFB)



70346 - 4 Position RFB



Coach House V3 - 241XL (non-FSQ) Queen Kit: 11000004A

Network Wiring Diagram and Switch Panel Layout

SSP-17 RFB & 7" Lyra - RF

Rev. 3v3

07/23/19

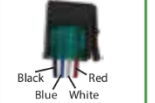
DI: MH

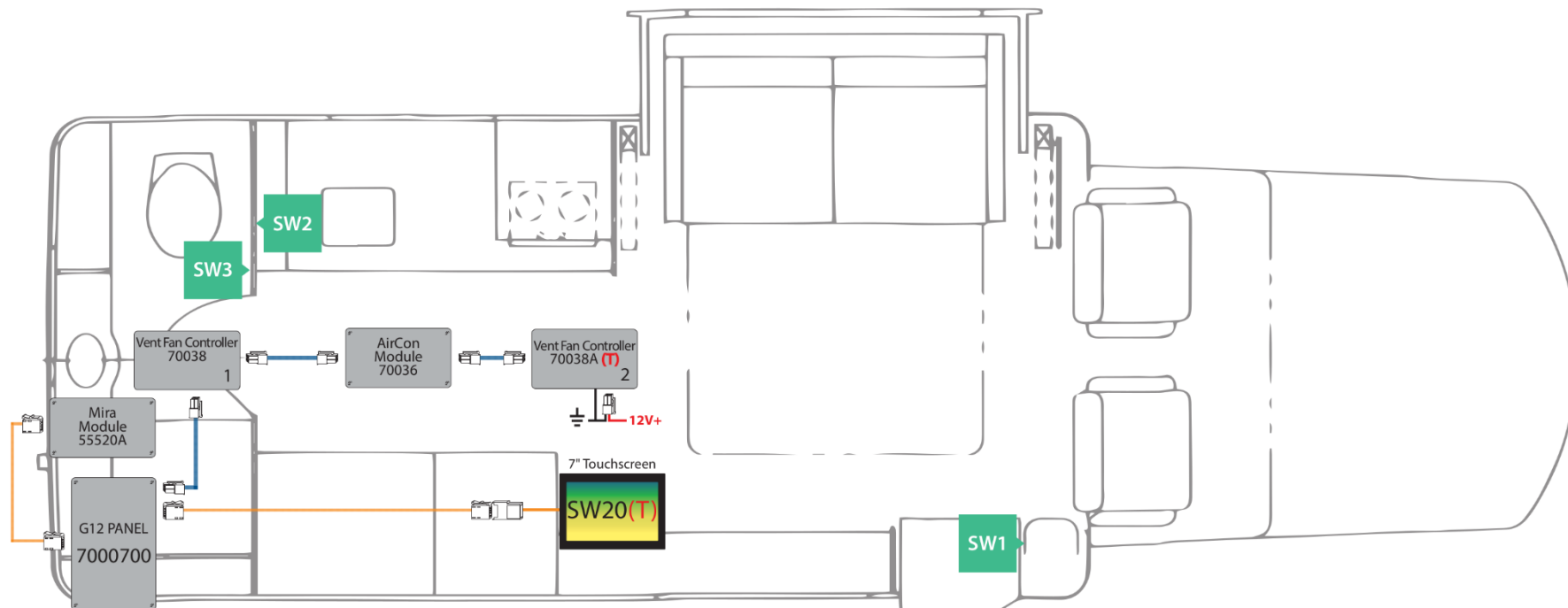
PI:

Network Legend

Trunk Cable  
Drop Cable  
Switch Position

Drop Cable Connections

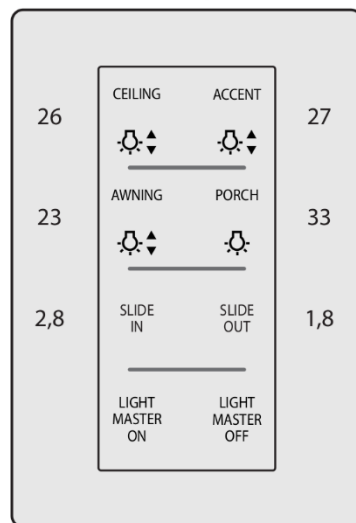




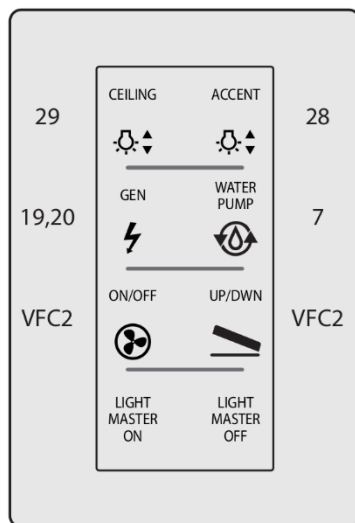
Coach House  
SW1 - Entry (RFB)

Coach House  
SW2 - Rear (RFB)

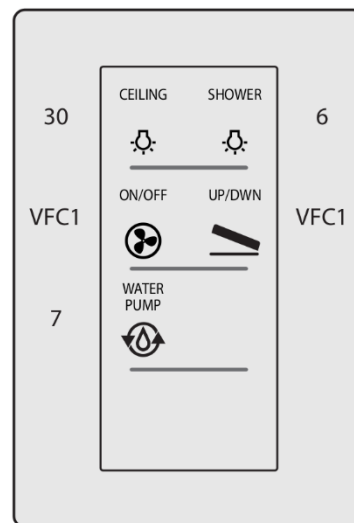
Coach House  
SW3 - Bath (RFB)



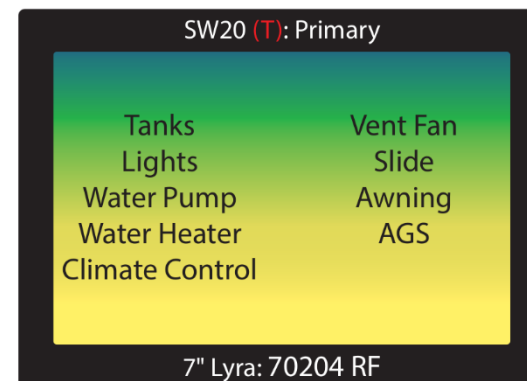
70345 - 8 Position - RFB



70345 - 8 Position - RFB



70345 - 8 Position - RFB



### Coach House V3 - 241XL-FSQ

Kit: 11000005A

Network Wiring Diagram and Switch Panel Layout

SSP-17 RFB & 7" Lyra - RF

NWD REV 3v4

09/13/19

DI: MH

PI:

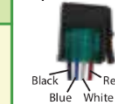
### Network Legend

Trunk Cable

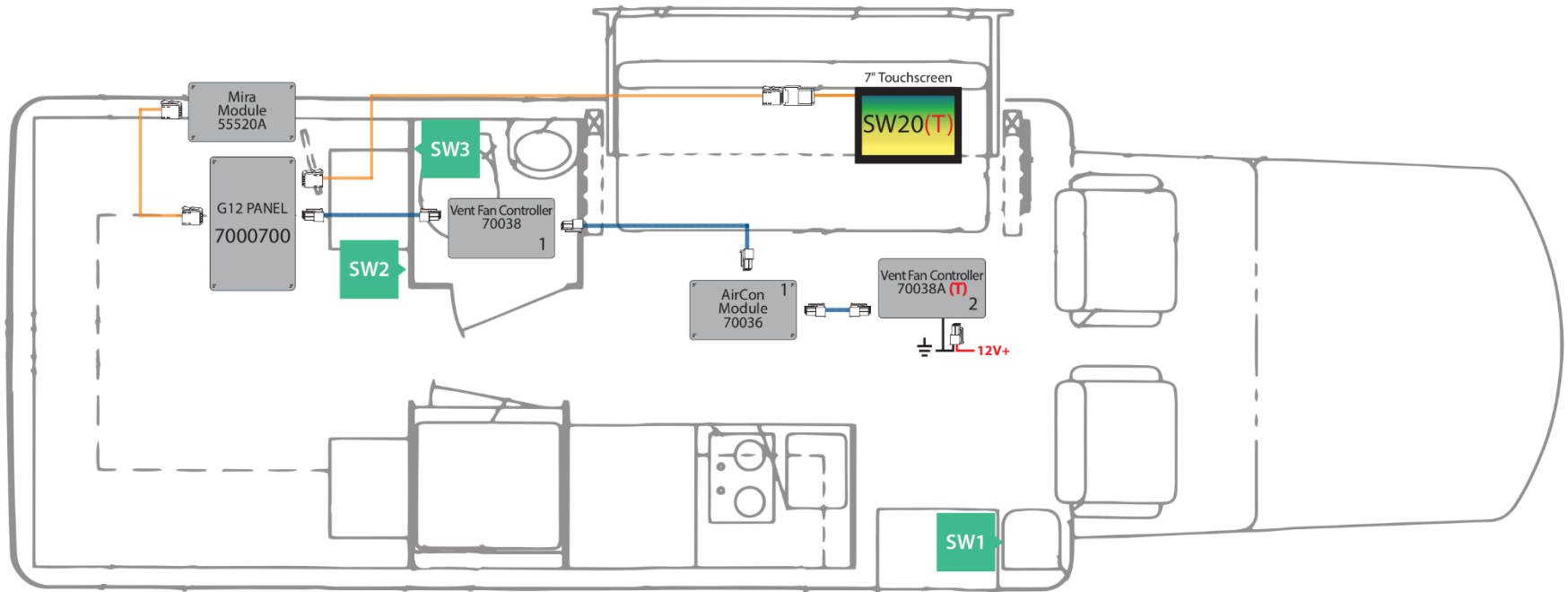
Drop Cable

Switch Position

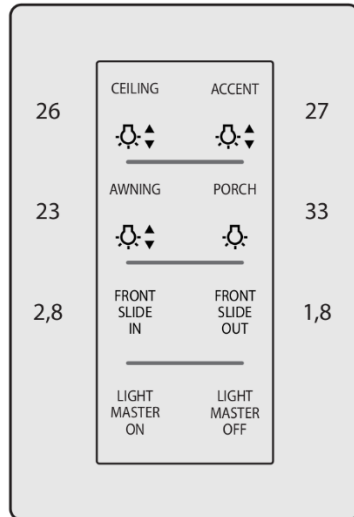
Drop Cable Connections





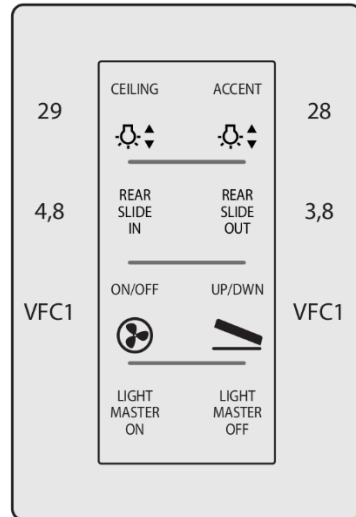


Coach House  
SW1 - Entry (RFB)



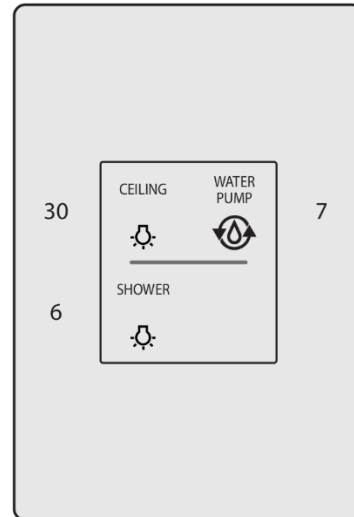
70347 - 8 Position RFB

Coach House  
SW2 - Rear (RFB)

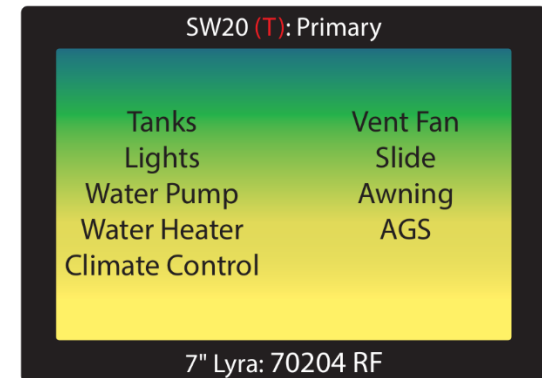


70347 - 8 Position RFB

Coach House  
SW3 - Bath (RFB)



70347 - 4 Position RFB



7" Lyra: 70204 RF

### Coach House V3 - 272XL Kit: 11000006A

Network Wiring Diagram and Switch Panel Layout

SSP-17 RF & 7" Lyra

Rev. 3v3

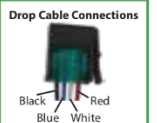
07/23/19

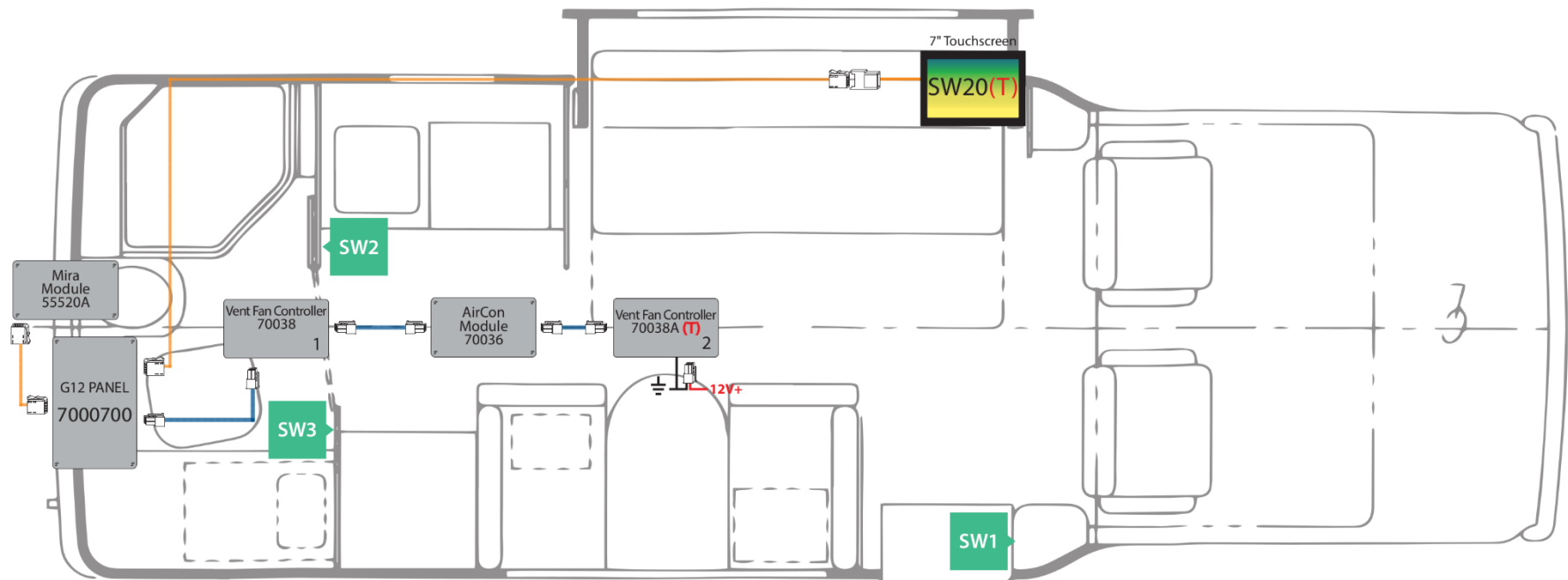
DI: MH

PI:

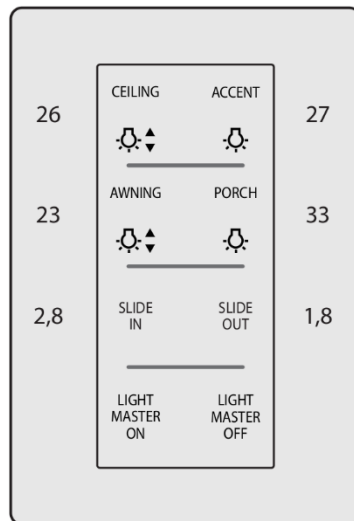
### Network Legend

Trunk Cable  
Drop Cable  
Switch Position



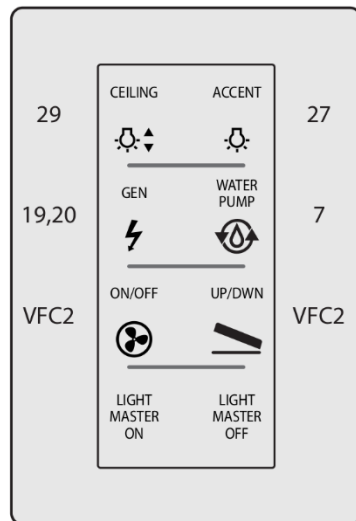


Coach House  
SW1 - Entry (RFB)



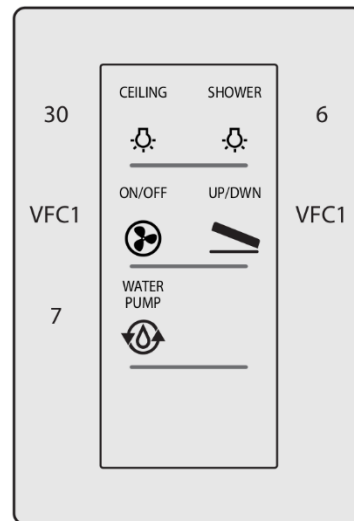
703457 - 8 Position - RFB

Coach House  
SW2 - Rear (RFB)

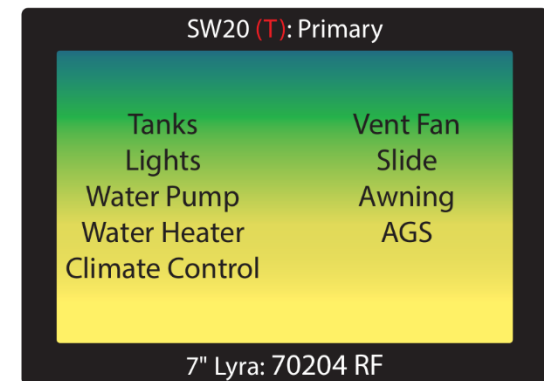


70347 - 8 Position - RFB

Coach House  
SW3 - Bath (RFB)



70346 - 8 Position - RFB



**Coach House V3 - L261/J221**

**Kit: 11000007A**

Network Wiring Diagram and Switch Panel Layout

SSP-17 RFB & 7" Lyra - RF

NWD REV 3v3

07/23/19

DI: MH

PI:

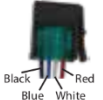
**Network Legend**

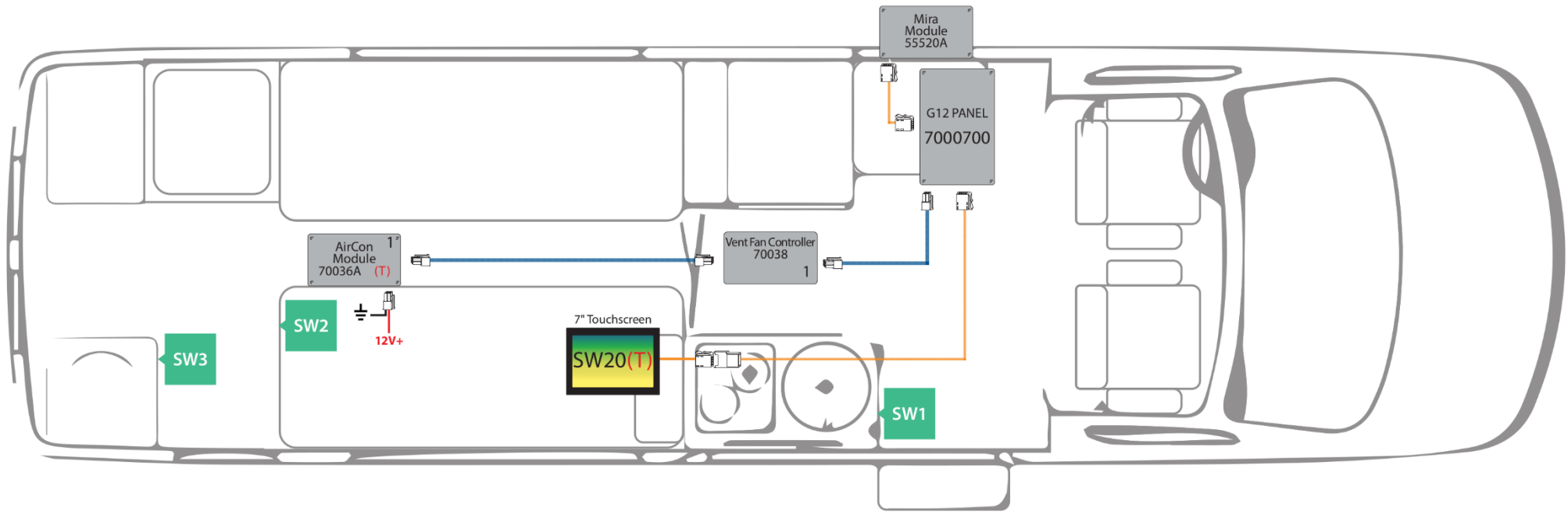
Trunk Cable

Drop Cable

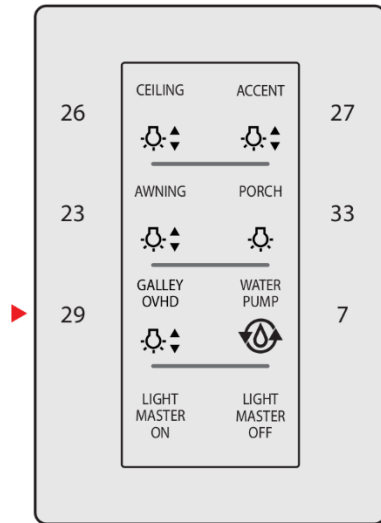
Switch Position

Drop Cable Connections



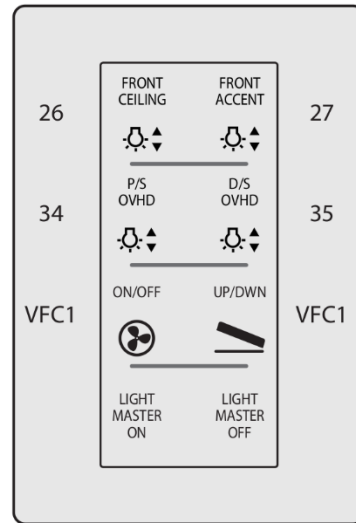


Coach House  
SW1 - Entry (RFB)



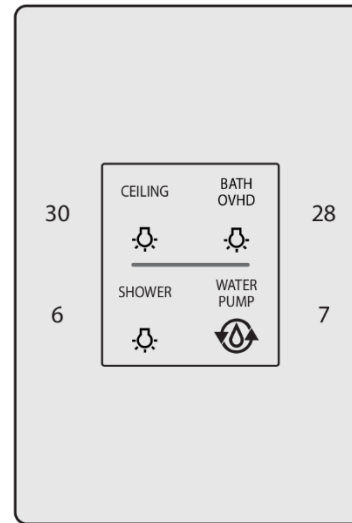
70347 - 8 Position - RFB

Coach House  
SW2 - Rear (RFB)

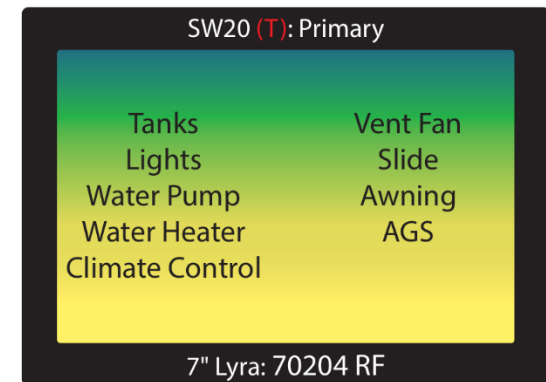


70347 - 8 Position - RFB

Coach House  
SW3 - Bath (RFB)



70346 - 4 Position - RFB



### Coach House V3 - V24TB

Kit: 11000008A

Network Wiring Diagram and Switch Panel Layout

SSP-17 RFB & 7" Lyra - RF

Rev. 3v5

09/13/19

DI: MH

PI:

### Network Legend

Trunk Cable  
Drop Cable  
Switch Position

Drop Cable Connections

