FIREFLY INTEGRATIONS

VEGATOUCH LYRA

Super C V1 Manual

DYNAMAX

Imagination ~ Innovation ~ Integration

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

Dynamax Super C V1 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 Touchscreen Overview

4 Home

7 Electrical

9 AGS Settings

10 Inverter/Charger Settings

11 Lights

12 Climate Control

13 Slides & Awnings

14 Leveling

15 Settings

17 Mobile App

18 Vegatouch Mira Setup

22 Network Diagnostics

24 Switch Panel Info

25 Wireless Switch Pairing

26 Display Colors

27 Options

28 SSP17 Switch Panels

29 G12 DC Panel

30 Networking

31 Network Status Indicators

32 Mira NET LED Status Key

33 System Diagrams

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Lyra Touchscreen Overview

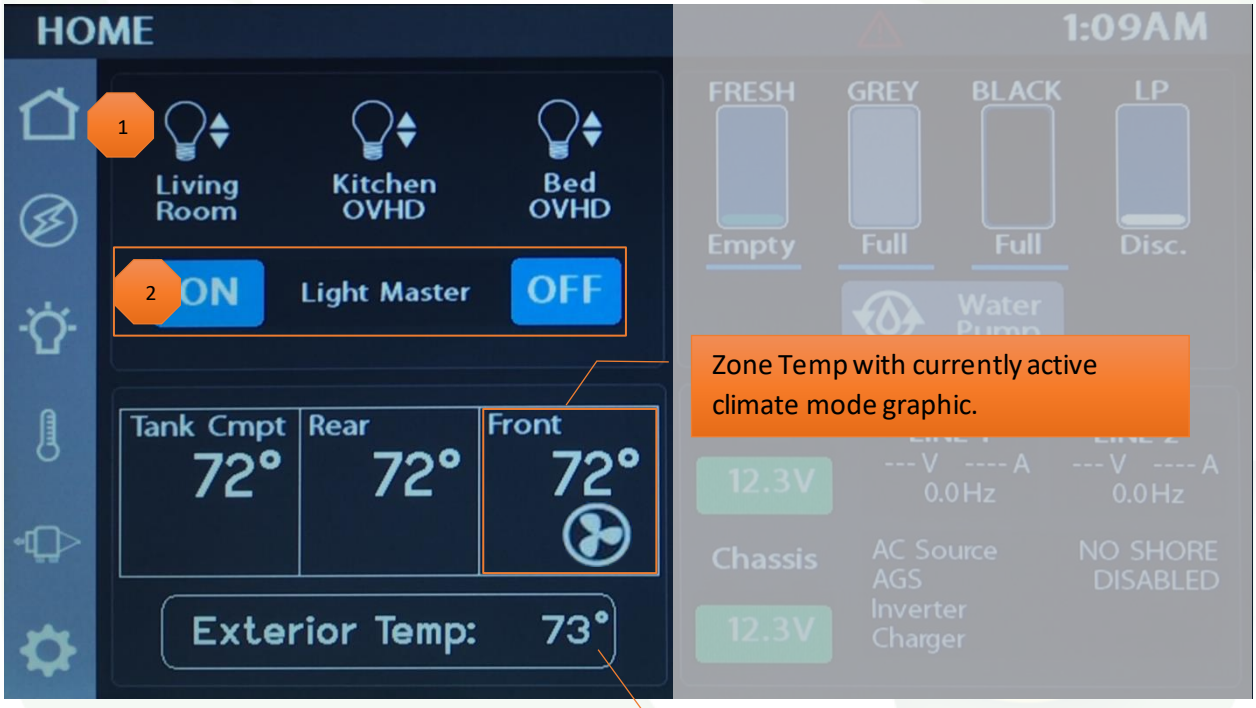
Tap any icon from the vertical navigation menu to select the desired page. The currently selected page will always be listed in the top corner of the screen.

This symbol will appear whenever a fault condition is present. Tap the triangle to visit the Network Diagnostics screen.

Home

Buttons will turn Blue while a circuit is on and Grey once the circuit has been turned off. This color change is known as showing status.

1. Individual light toggle controls.
2. 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 blue and will not show feedback at any time.



Water Tank Readings:

- Below 10% will read "Empty" and the tank level will show Empty.
- From 11% to 89%, the tank level and percentage will show as normal.
- 90% and above will read "FULL." and the tank shows accurate level.

LP Tank Readings:

- Below 25% will read "Low" and the tank level will show as normal.
- From 25% to 75%, the tank level and percentage will show as normal.
- From 75% to 80%, will read "Full" and the tank level will show as normal.
- 80% and above will read "Disc." and the tank level will be empty.

Individual tank graphics represent the percentage filled for holding tanks (Currently disconnected).

Toggle On/Off

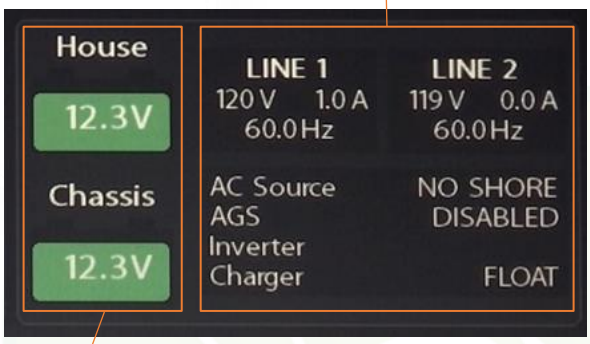
Blue lines under tanks - Possible Issue: On initial 12V system power up, the black and gray tanks read full with a blue line under them and the fresh tank reads empty with a blue line under it.

Possible cause: On initial power up, if there is no water in the tank, the system may have difficulty detecting the no water condition. As a result, it will display a blue line under the tank reading for the appropriate tank and indicate the following:

- Fresh Tank – Shown with a blue line under the tank reading and the tank graphic as being empty. Because the system is not detecting the empty fresh tank correctly, it does not have valid data to display. As a precaution, it will display the fresh tank graphic as empty as this is the least favorable condition for the tank.
- Gray Tank – Shown with a blue line under the tank reading and the tank graphic as being full. Because the system is not detecting the empty gray tank correctly, it does not have valid data to display. As a precaution, it will display the gray tank graphic as full as this is the least favorable condition for the tank.
- Black Tank – Shown with a blue line under the tank reading and the tank graphic as being full. Because the system is not detecting the empty black tank correctly, it does not have valid data to display. As a precaution, it will display the black tank graphic as full as this is the least favorable condition for the tank.

Solution: Add at least 3 inches of water to the tank to allow the sensor to properly initialize. Once there is water covering the sensor, it should start to report correct readings and display the tank levels correctly.

A/C Power summary.



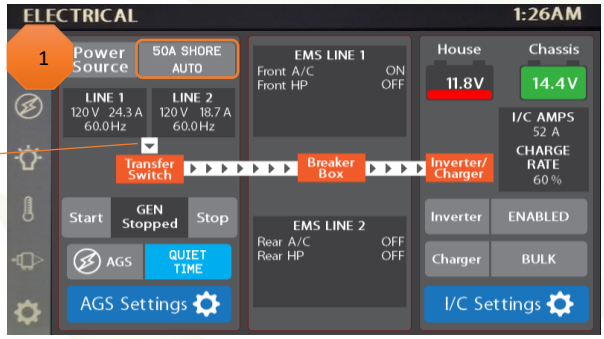
House/Chassis DC Voltage Display Graphics. These graphics will turn red when the voltage drops below 12v.

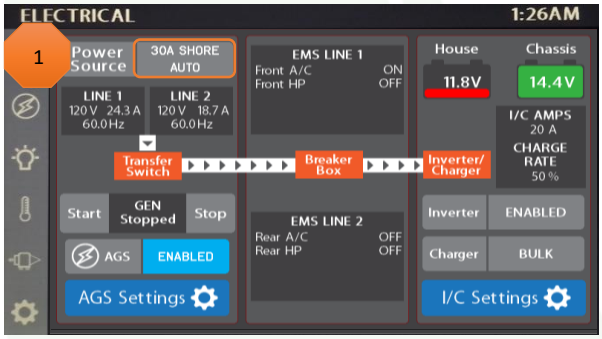
Electrical

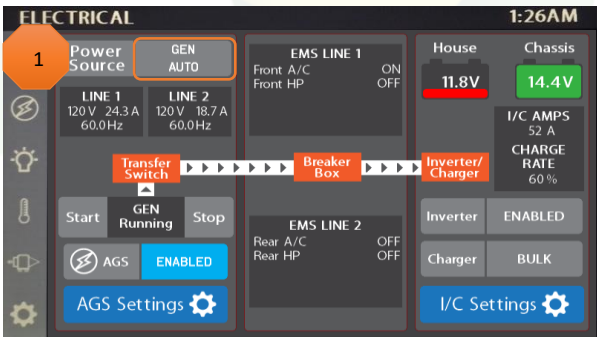
The following screenshots will show the screen status for each electrical source (No Shore, 50 amp, 30/20/15 amp, and Generator). A graphical line of arrows will show the flow of energy.

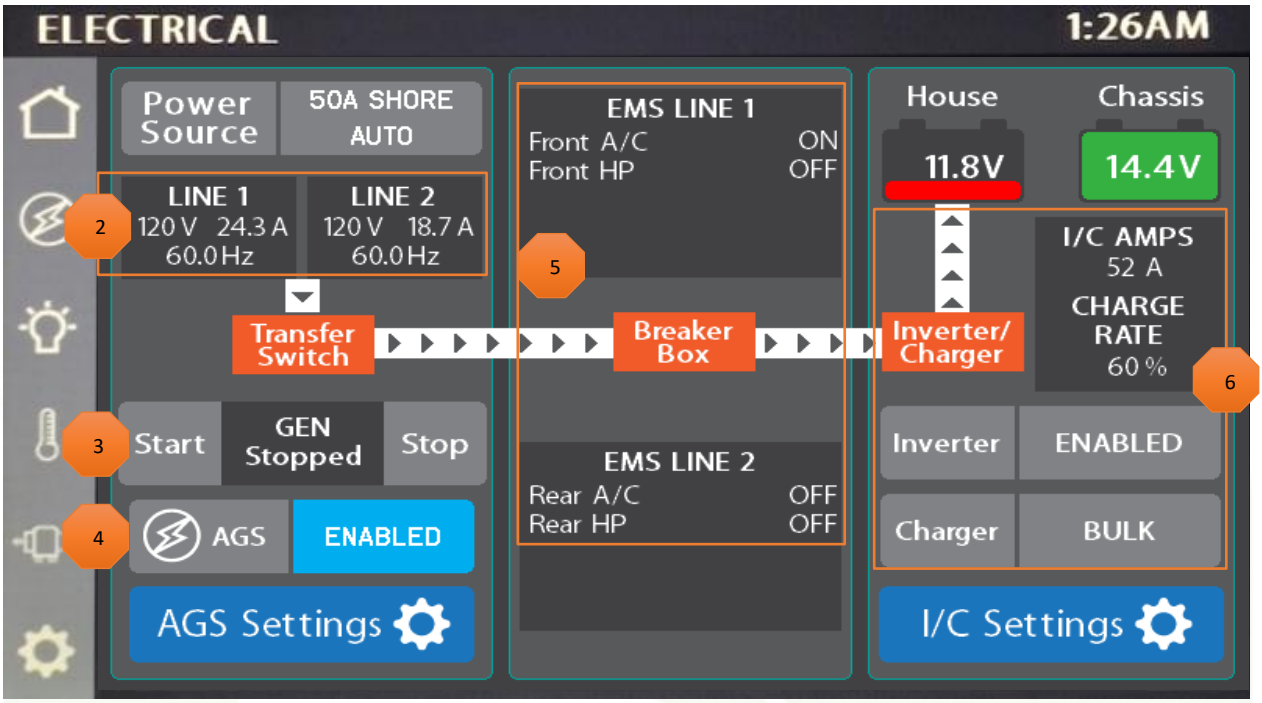
1 Power Source Select – 50-amp shore power will display automatically if connected to a 50-amp line. Tap to select 30, 20 or 15 amp if your coach is connected to a 30-amp line.

Energy flow.









2 Shore Line Display – AC power displays the voltage, amperage draw and frequency for each line.

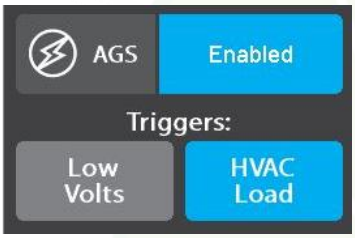
3 Generator – Creates electrical energy. Press and Hold Start to start the generator. Tap Stop to stop the generator. The generator display hours can be changed by Pressing and Holding the hours display for 5 seconds and entering your desired hours.

4 AGS – Auto Gen Start is a system that will start the generator automatically based on your customized trigger settings (See page 9). Press to Enable/Disable AGS. A warning page will appear requiring you to cycle the ignition in order to enable AGS. Only enable AGS if your coach is in a well-ventilated area.

5 Energy Management System (EMS) – EMS will ensure that power is available before allowing certain systems to run. If power is not available, it will not allow particular systems to run (shed the load).

6 Inverter/Charger Status – This section contains the inverter controls and status information.

Electrical/AGS Settings

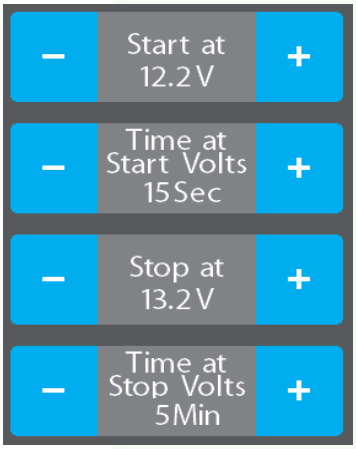


Tap to Enable/Disable AGS. A warning message will require action to Enable.

Trigger Options – Automatically start the generator using specified voltage settings (Low Volts) or when A/C or Heat 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.

Quiet Time Start - Use the +/- buttons to select the starting point for Quiet Time, the hours that your generator will not run in an effort to reduce noise.

Quiet Time Stop - Use the +/- buttons to select the stopping point for Quiet Time. AGS will work normally at this point.



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 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 – 120min)

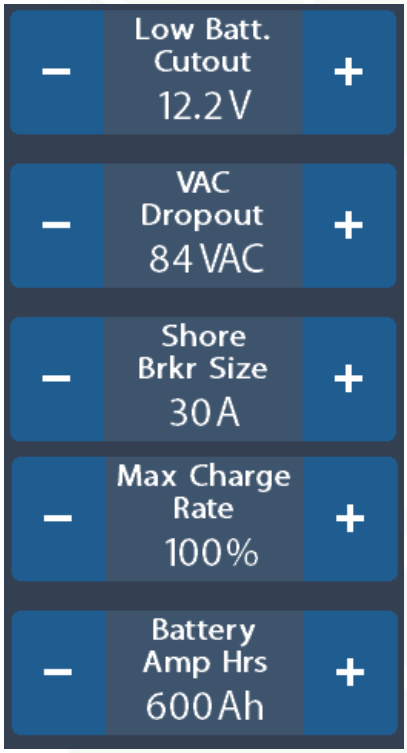
Minimum Gen Run Time - Use the +/- buttons to set the minimum amount of time that your generator will run once it has started. (Range 10min – 30min)

Maximum Gen Run Time - Use the +/- buttons to set the maximum amount of time that your generator will run once it has started. (Range 120min – 720min)

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

Electrical/Inverter/Charger Settings

Please contact your Manufacturer for their recommended Inverter/Charger settings.



LBCO – Use the +/- buttons to set the DC voltage level that turns off the inverter. This protects the batteries from over-discharge damage.

VAC Dropout – Use the +/- buttons to set the minimum AC voltage that must be present before the inverter kicks off and switches the coach to back to AC power.

Shore Breaker Size – Use the +/- buttons to adjust to the required shore power amp breaker setting.

Max Charge Rate – Use the +/- buttons to adjust the charge rate.

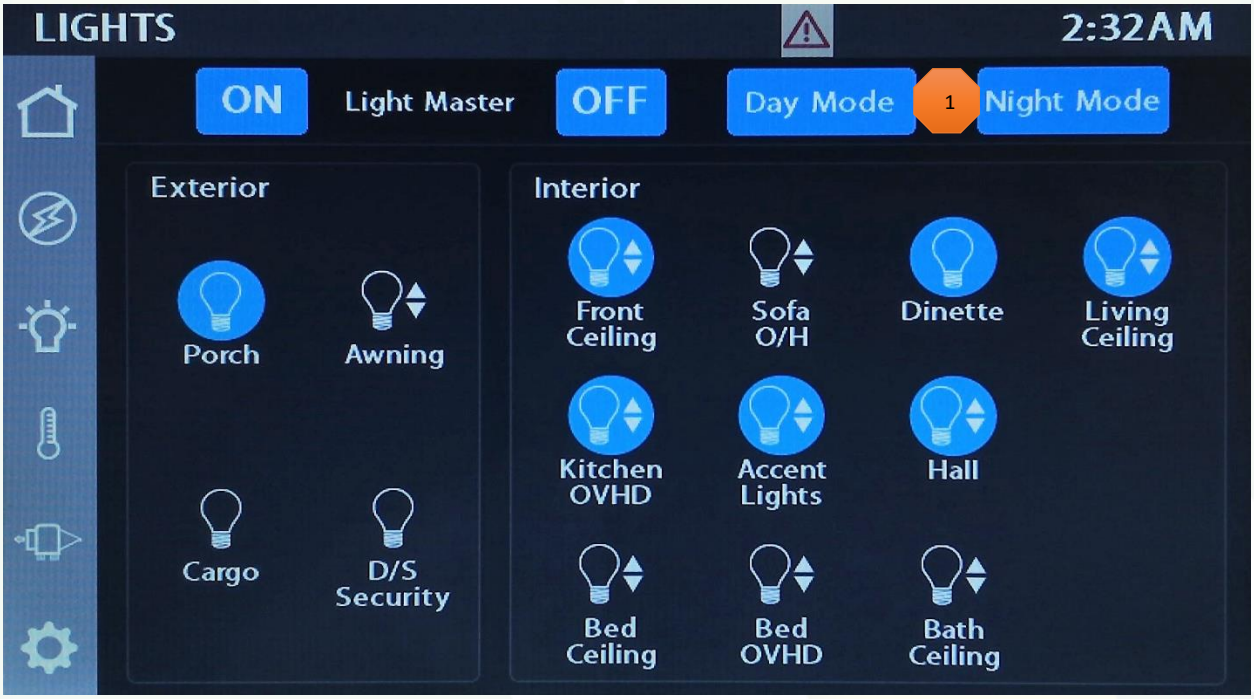
Battery Amp Hours – Use the +/- buttons to adjust the amp hours for your battery bank. Please contact Customer Service for more information regarding batteries and battery settings.

Lights

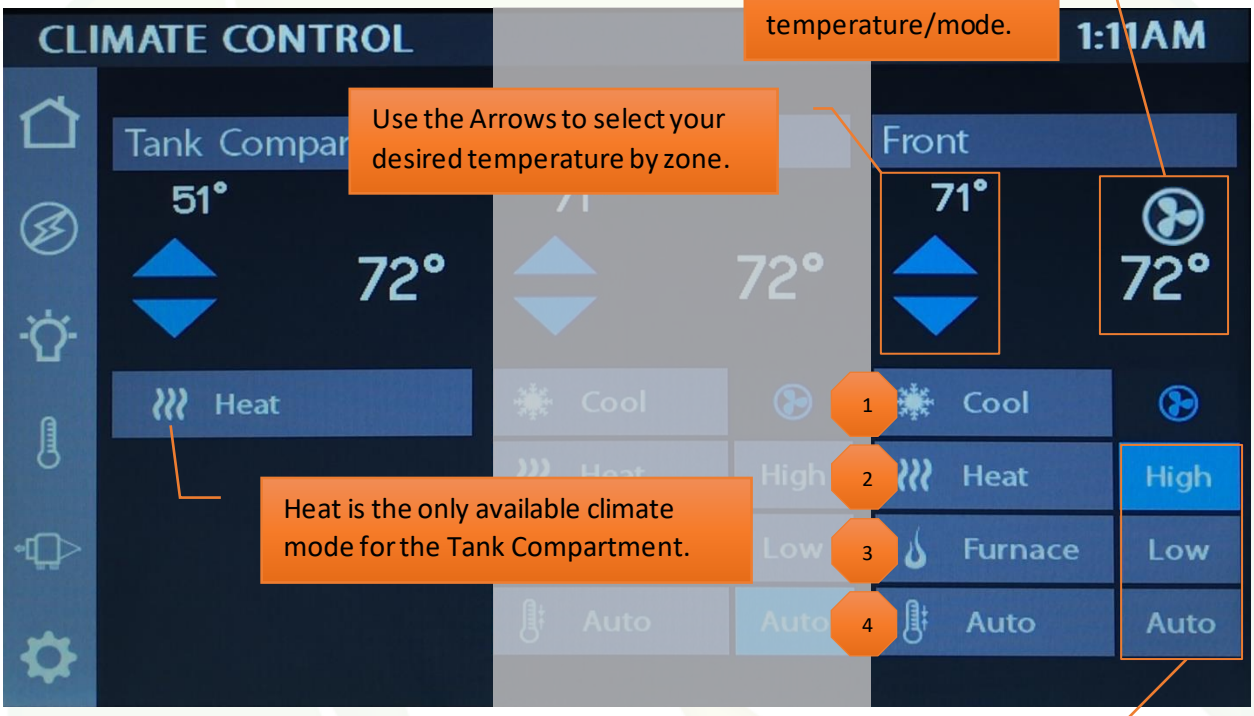
This screen will control the lighting for the entire coach, including the exterior. Tap any button to turn the desired light On/Off.

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.

1 Tap Day Mode or Night Mode to toggle preset lighting schemes On.



Climate Control



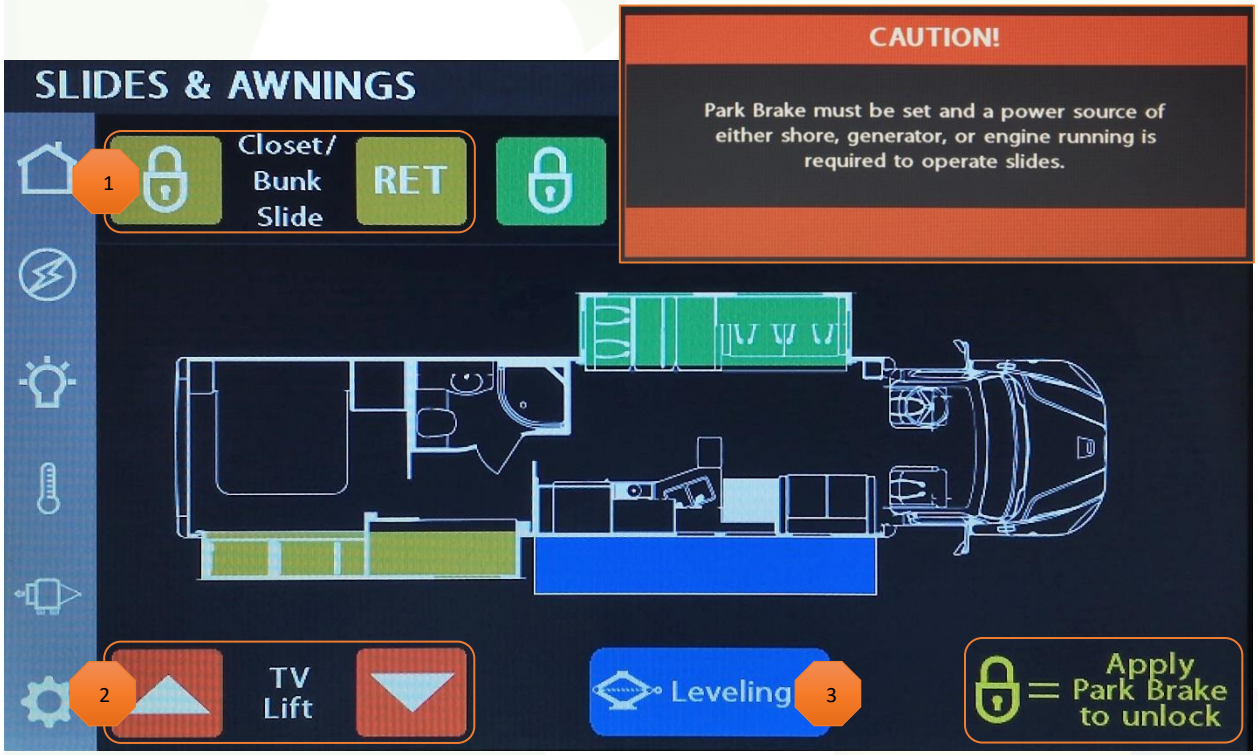
1. Cool – Tap to operate the air conditioning. The A/C will run until the current temp reaches your desired temp and then shut off.
2. Heat – Tap to operate the Heat. The Heat will run until the current temp reaches your desired temp and then shut off.
3. Furnace – Tap to operate the Furnace. The Furnace 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 will automatically run to keep your desired temperature consistent.

Note- Some systems may use Aqua-Hot instead of a Furnace.

Slides & Awnings

The Extend buttons will be locked out until the parking brake has been applied.

1. Press and Hold EXT (currently locked out) or RET to operate the Slides and Awnings.
2. Press and Hold the arrows to operate the TV Lift.
3. Tap to navigate to the Leveling screen.



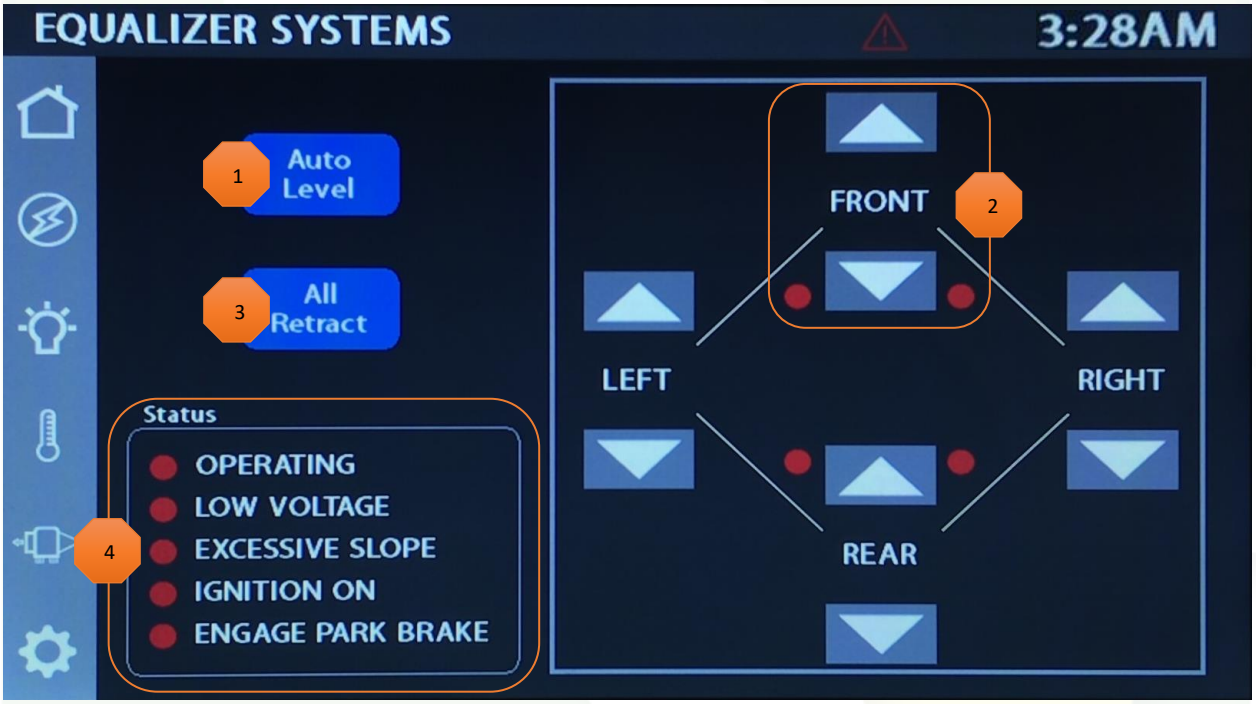
Slides & Awnings/Leveling

1. Auto Level – Tap to automatically level the coach. Tap Cancel (button status will change) to stop the operation. The corresponding red operational lights will illuminate to indicate which jacks have been extended and will stay illuminated until the jacks have been retracted.

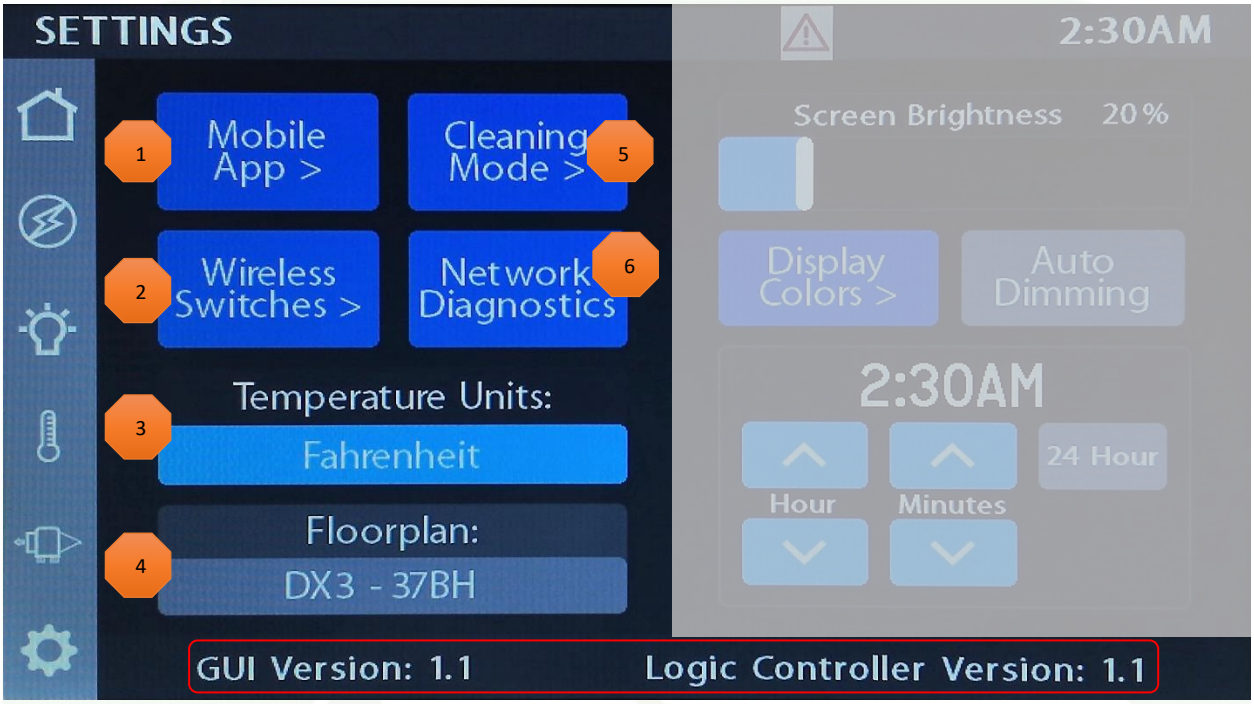
2. Press and Hold the arrows to Raise/Lower the leveling jacks as needed. A single arrow will operate the jacks in pairs. For example, to Lower the Front of the coach, pressing and holding the Front Down arrow will lower the Front jacks equally. Life your finger to stop their travel.

3. All Retract – Tap to fully retract all leveling jacks.

4. Status Indicators – Red lights will indicate the status of the Equalizer leveling system.

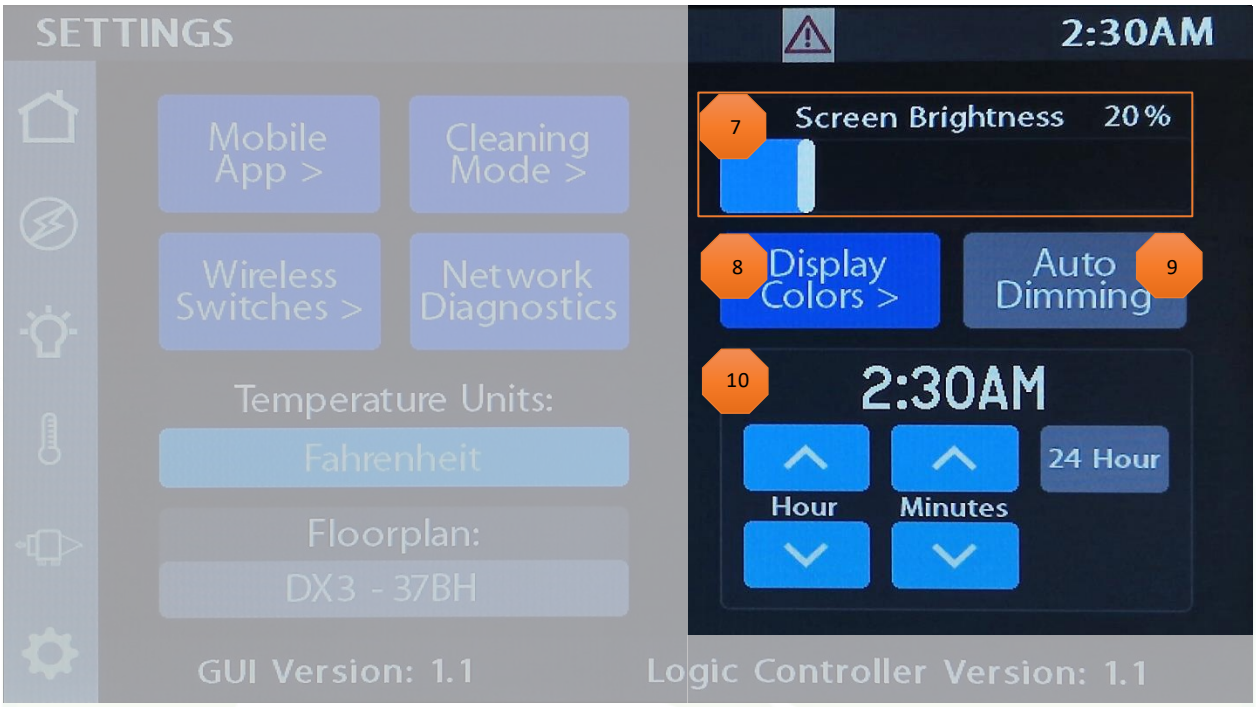


Settings



1. Tap to navigate to the Vegatouch Mira connection screen.
2. Tap to navigate to the Wireless Switches screen.
3. Tap to select between Fahrenheit and Celsius.
4. Floorplan display.
5. Tap to disable the touchscreen for 15 seconds for the purpose of cleaning.
6. Tap to navigate to the Network Diagnostics page.

Note the GUI and Logic Controller versions at the bottom of the screen. Please have these numbers available before calling technical support.



7 Drag the slider to select screen brightness.

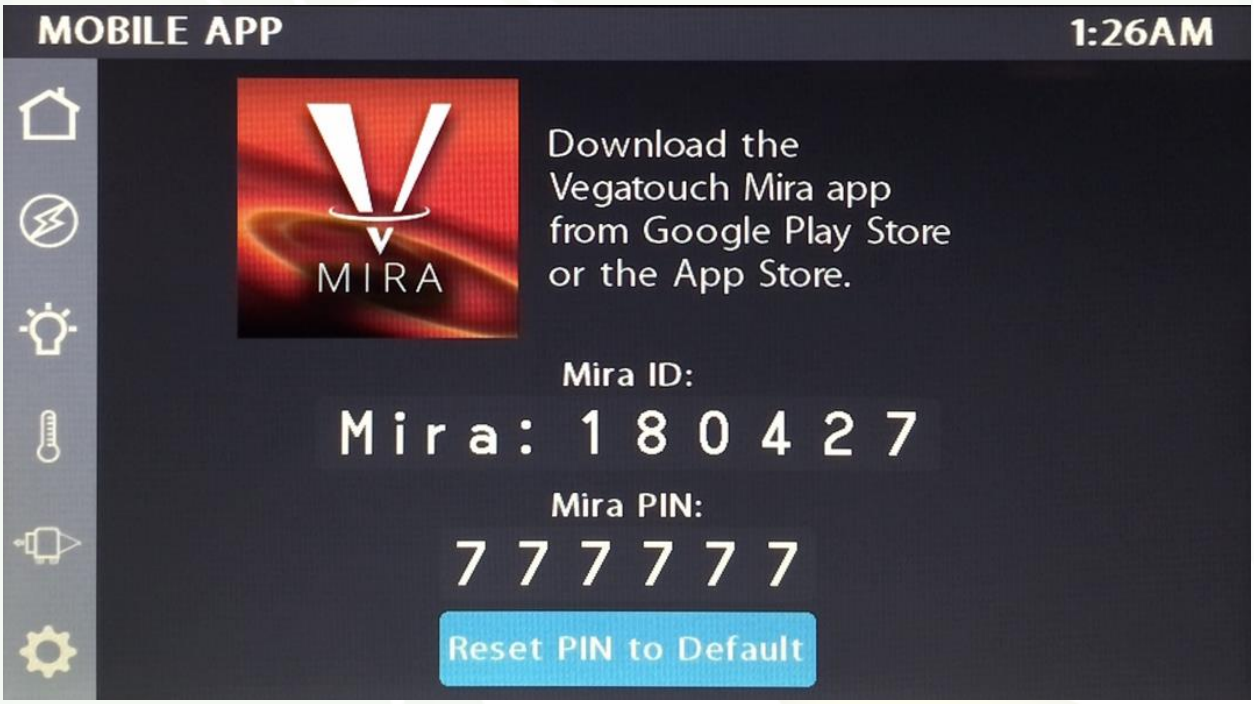
8 Tap to visit the Display Colors page to customize the look of your touchscreen.

9 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.

10 Tap the buttons to set the time or select 24-hour time mode.

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 many coach components.



Vegatouch 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:

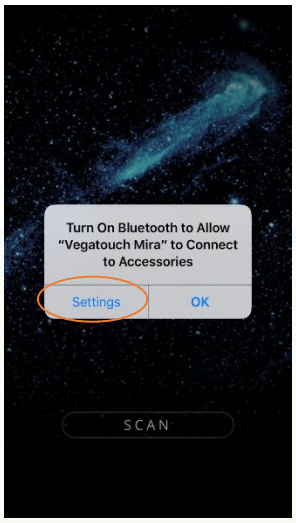
Download Vegatouch Mira from the Google Play store or the App Store. Once the download has finished, install the app and open it.

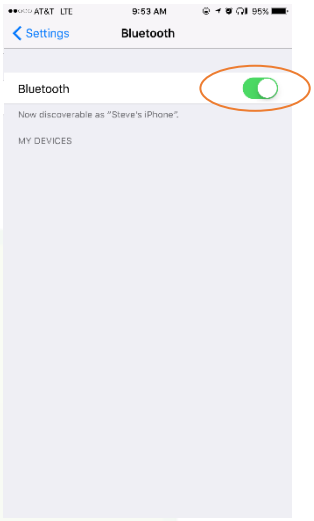
Setup:

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.

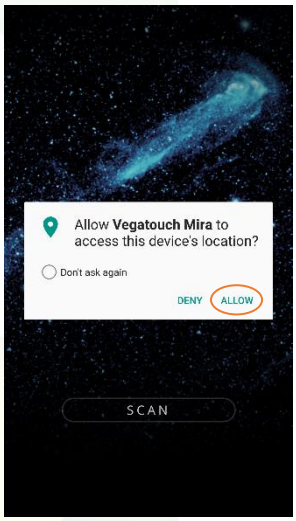
Location Services Required

To enable Location Services on your Apple device:

1. Go to settings/Privacy/Location Services.
2. Make sure that Location Services is ON.
3. Scroll down to find your app.
4. Tap the app and select "Always allow access to your location".

Notice: Android Setup Tips

Allow Vegatouch Mira to access this device's location.



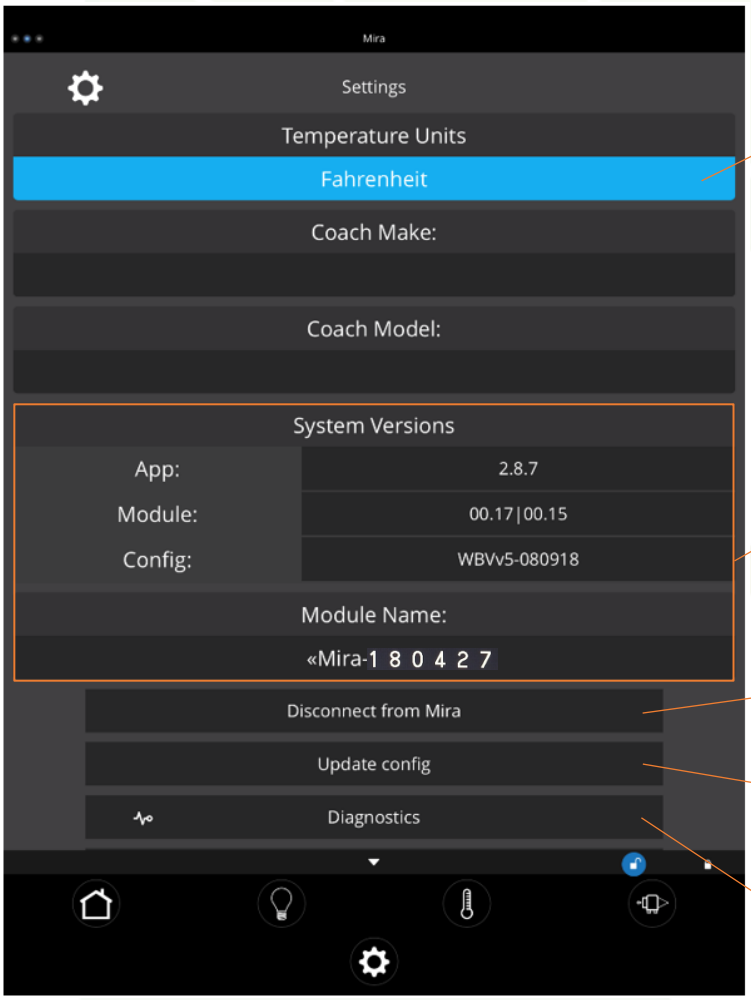
Mira will need to be allowed access to your location. Click ALLOW when you see this screen.

To enable Location Services on your Android device:

1. Open your phone's Settings app.
2. Tap Location/App Permission
   -If you don't see "Location" tap Security & Location/Location.
   -If you have a work profile, tap Advanced/Location.
3. Under "Allowed all the time" and "Allowed only while in use" view the apps that can use your phone's location, tap it, then choose the location access for the app.
4. To change the App's permissions, tap it, then choose the location access for the app.

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.

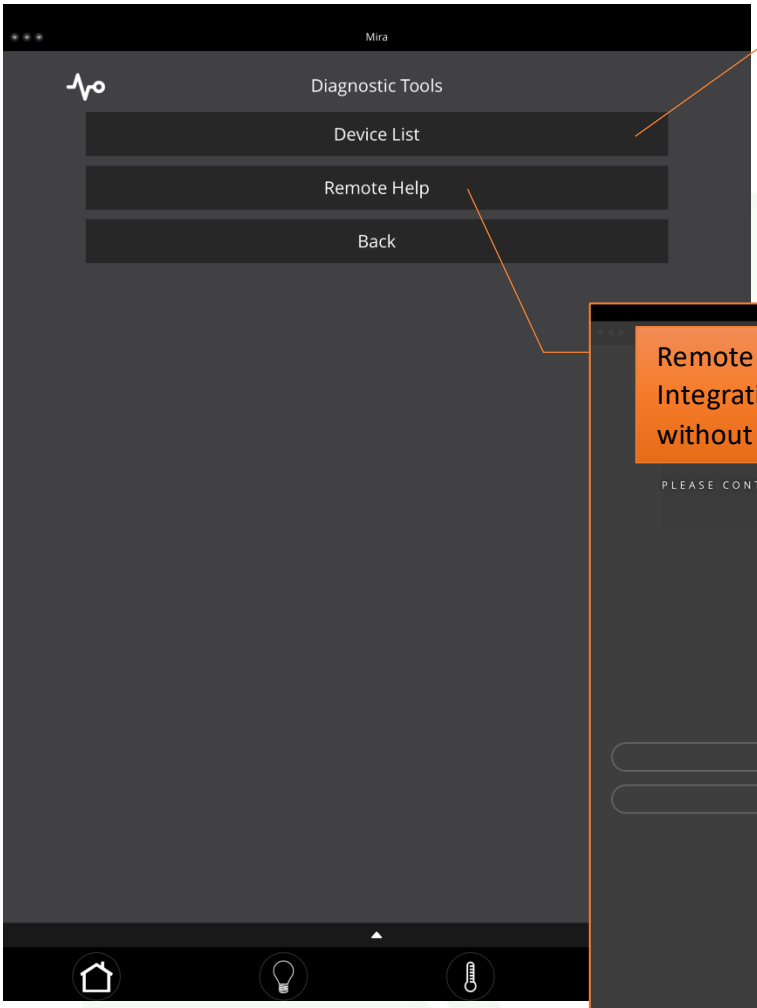
System Information and Mira Name.

Tap to disconnect your device from Mira.

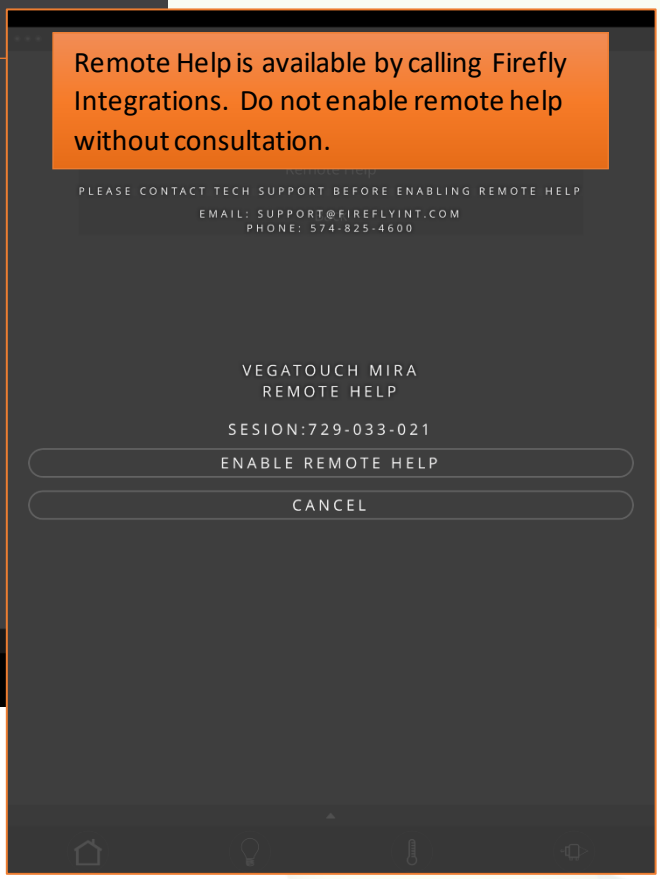
Tapping Update Config will force a download of the config from the cloud.

Tap to enter the Diagnostic Tools screen.

Diagnostic Tools:



Tap to display a list of currently connected devices.

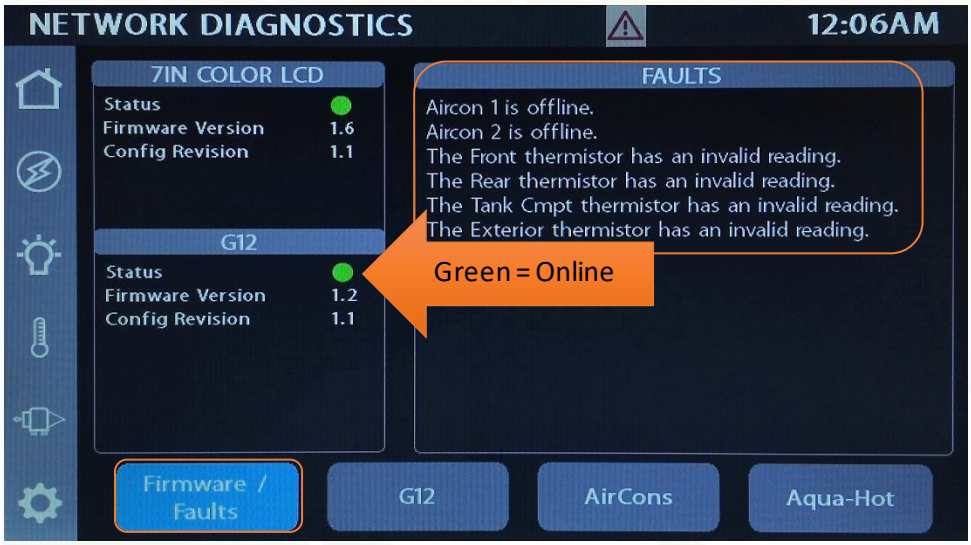


Remote Help is available by calling Firefly Integrations. Do not enable remote help without consultation.

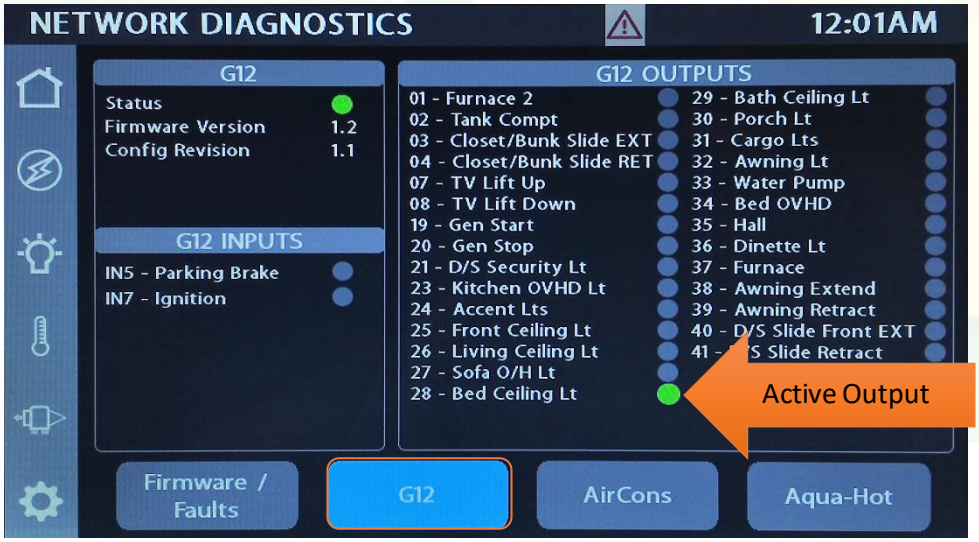
Settings/Network Diagnostics

Firmware/Faults:
This screen will show the status of the Lyra screen and G12 panel, and list any faults the system is experiencing.

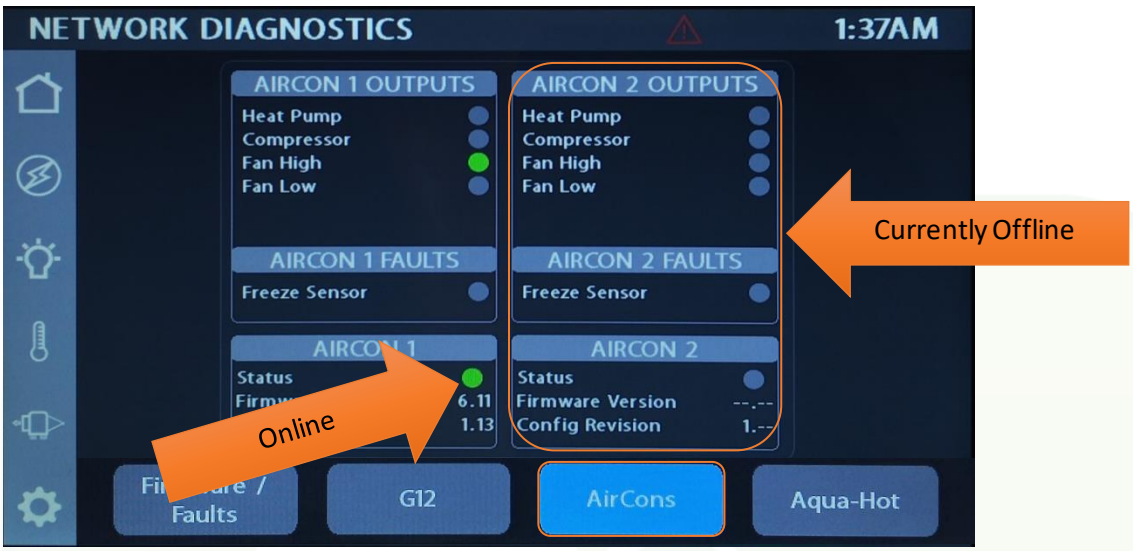
Tap the tabs at the bottom of the screen to view your desired diagnostics screen.



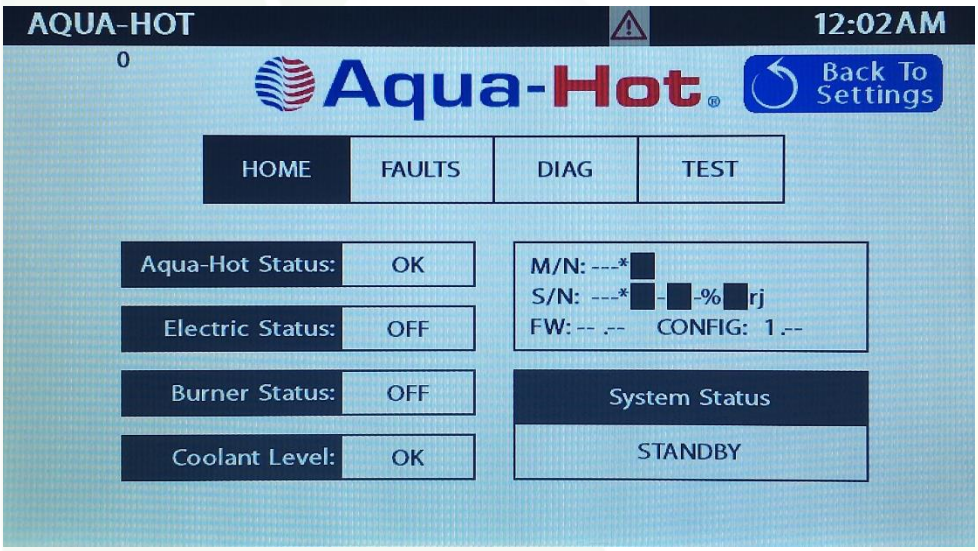
G12:
This screen will dislay all currently active G12 inputs and outputs.



AirCons:
This screen will show status of the AirCon modules.



Aqua-Hot Diagnostics:
This screen will show the status of the Aqua-Hot system. Please contact Dynamax for troubleshooting assistance.



Settings/Switch Panel Info

The Wireless Graphic and color-coded 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.

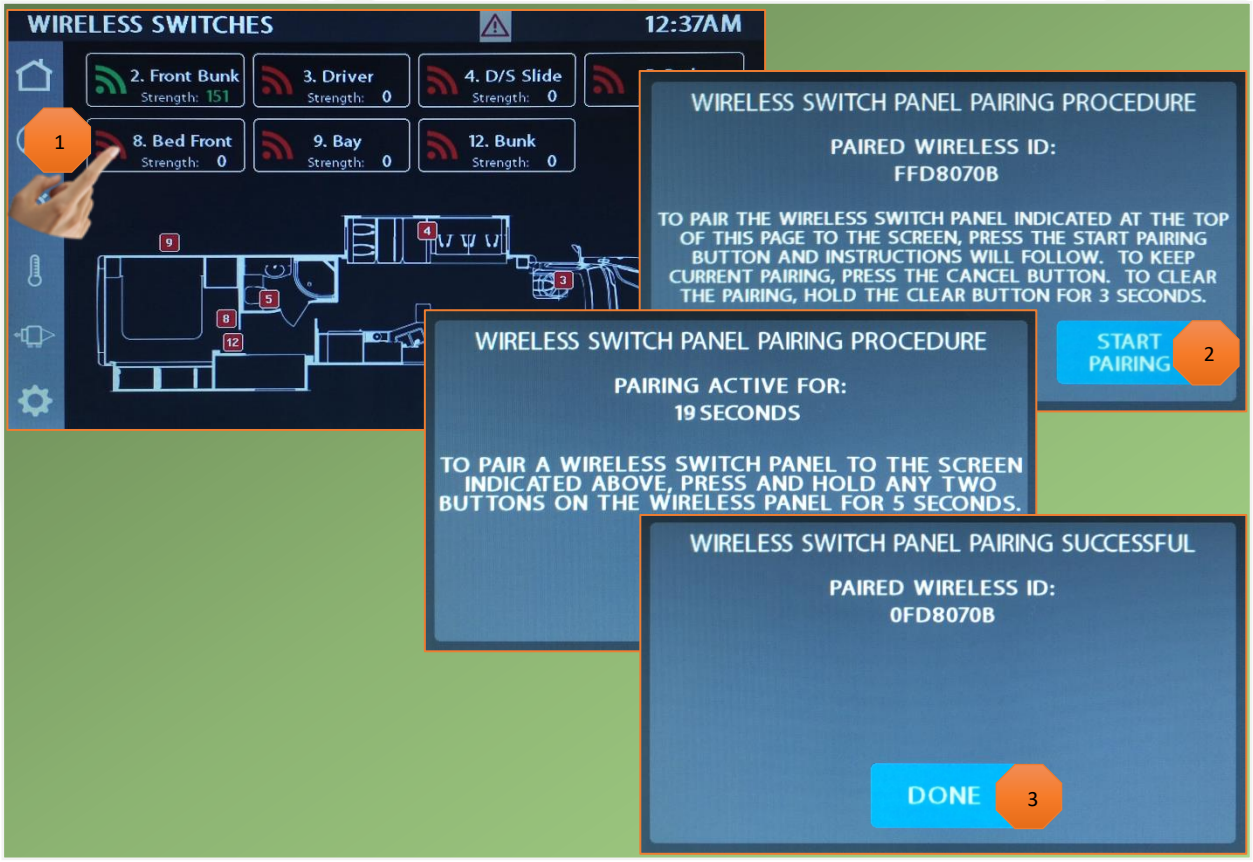
Wireless Switch Pairing

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.

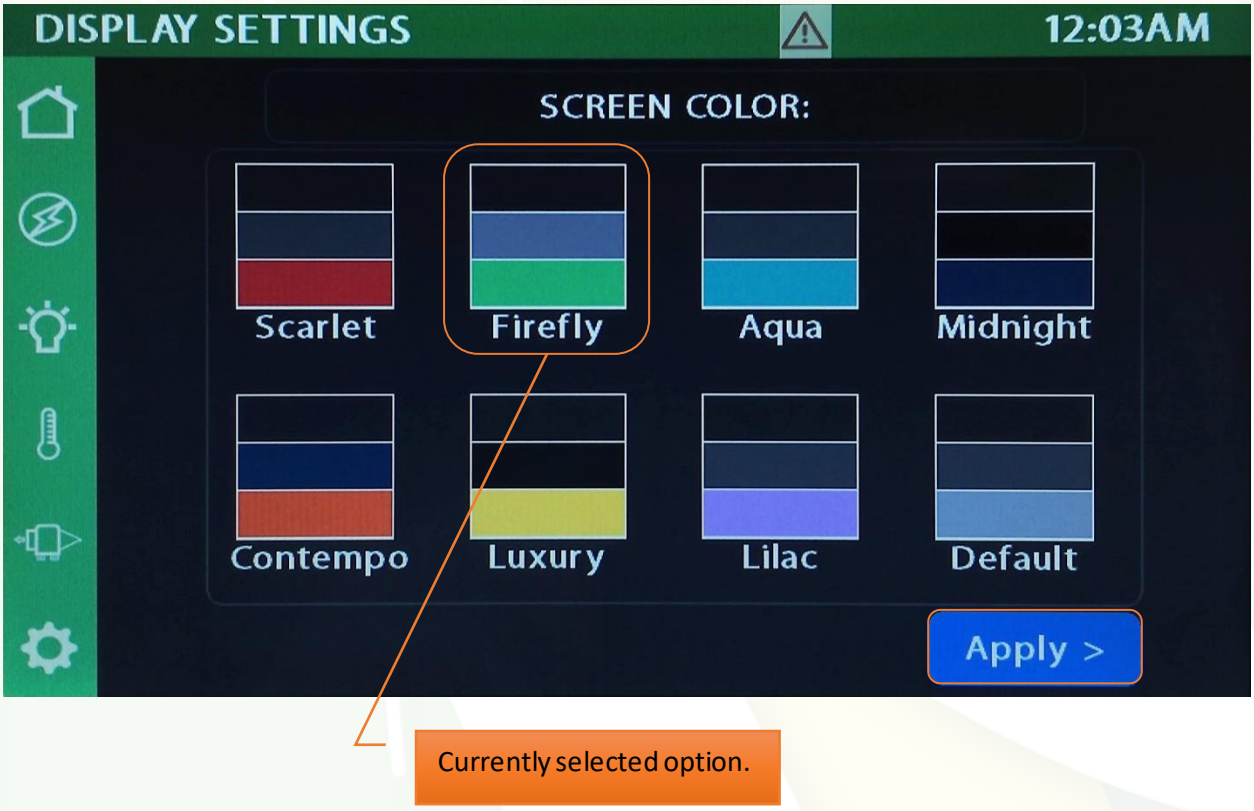
1. Press and Hold a wireless graphic for 3 seconds until the pairing screen appears.
2. Tap Start Pairing. You'll have 30 seconds to press and hold any 2 buttons on the switch panel at the same time for 5 seconds.
3. Tap Done once the pairing successful message appears. It may take up to 10 minutes for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

If at this point a switch still fails to work, touch and hold the floorplan graphic for five seconds to go to the Clear Wireless Switch Pairing screen (not pictured). This Page allows for the pairing to be cleared for ALL wireless switches on in the system. Once cleared, each wireless switch panel will need to be paired again.



Settings/Display Colors

Tap from the selections below to select a preset color scheme for your touchscreen. Once selected, tap Apply to save and exit.

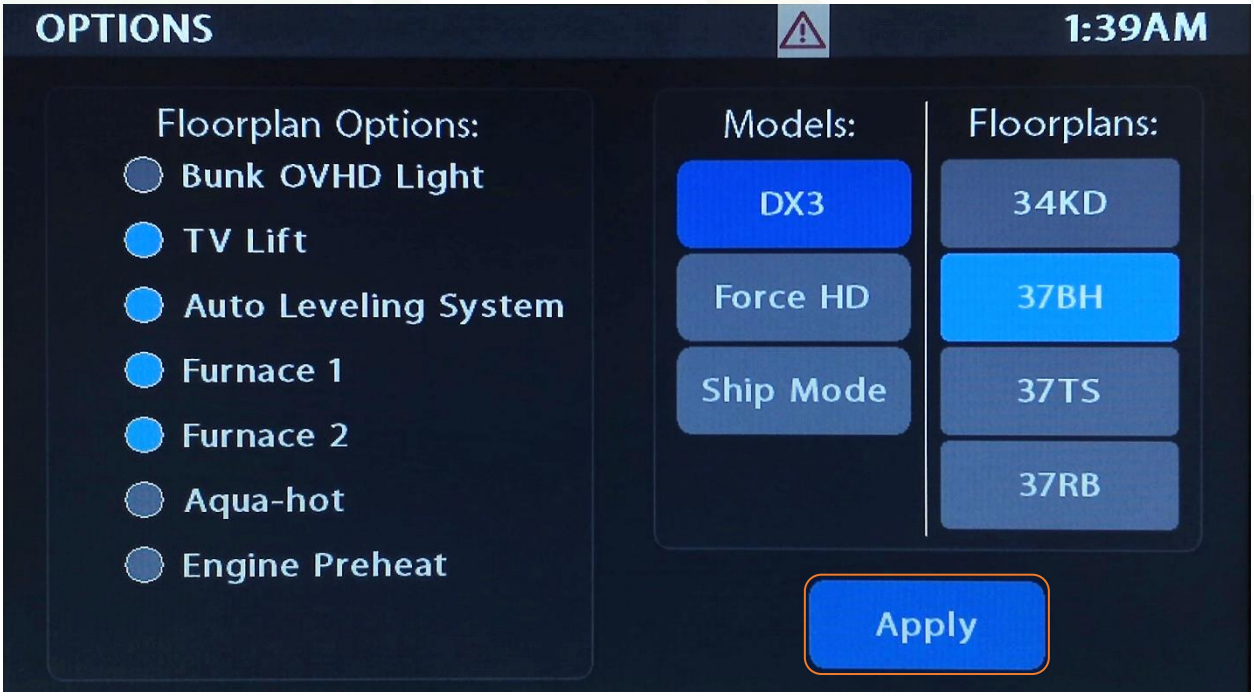


Currently selected option.

Settings/Options

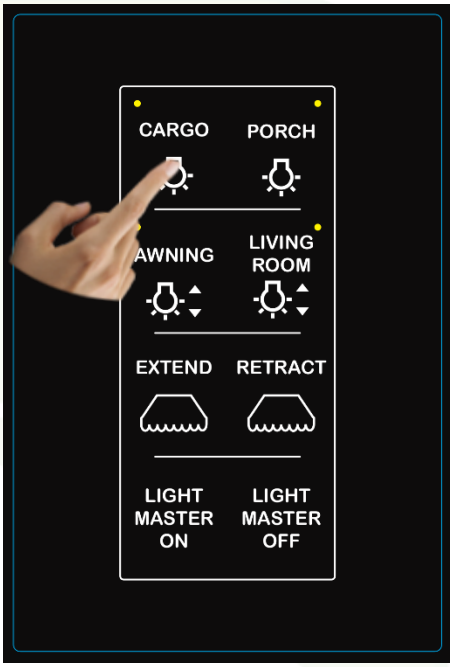
From the Settings page, press and hold the Floorplan display for 5 seconds. Once you lift your finger, the Options page will appear.

Tap to select the required Model, Floorplan and Options for your specific vehicle. Tap Apply to save and exit.



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.



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.

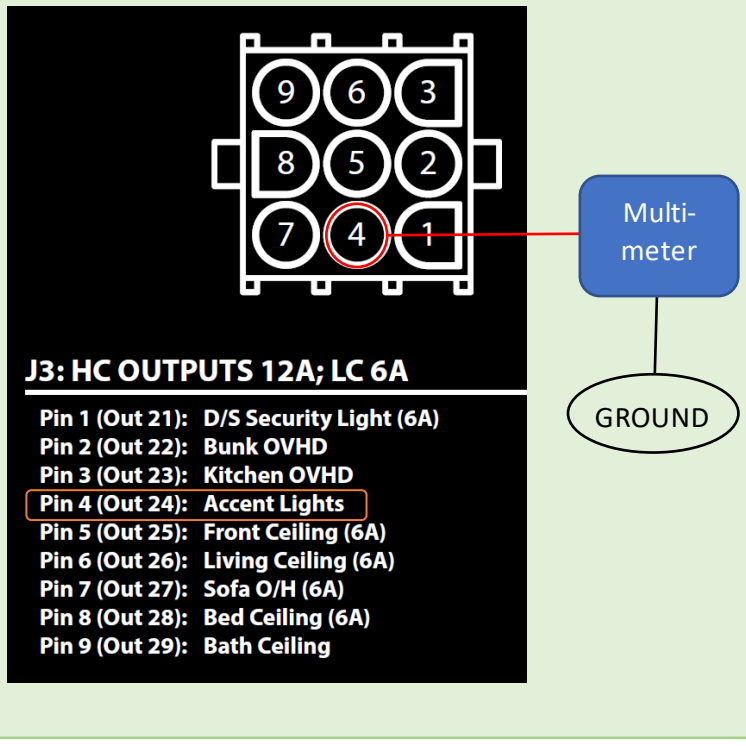
G12 DC Panel

Your G12 control panel is the power distribution center for the coach. This panel receives the signals sent from your touchscreen/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. Note: The G12 will not have individual illuminated NET LED's for each channel. For instance, if you press the Accent Lights button on your touchscreen, there will be no illuminated GREEN LED to show that it is currently operational. Check the Network Diagnostics Page to see if the output shows status. If it does, you will want to check output voltage on that pin if the lights don't come on (Fig 1).

Figure 1

Test Positive Output Channels as shown:



Networking

Your distribution panel and touchscreen connect 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:

G12

Back of Touchscreen

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. *

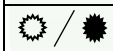
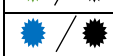
Panel Network Status Indicator – Applies to any device with a network indicator:

- 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: Mira modules use a different networking key. 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

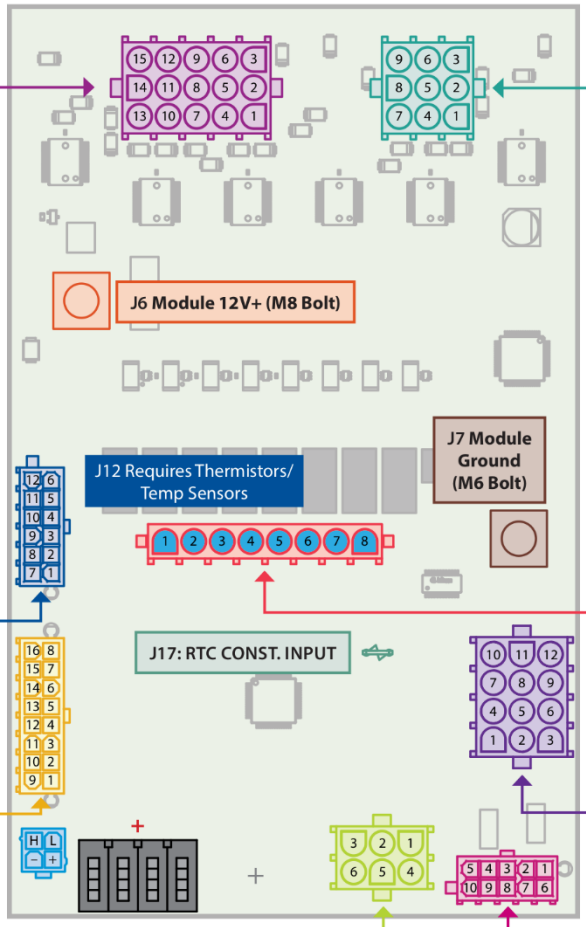
G12 Master

Log In:

Customer: DYNAMAX **Model:** DX3/FORCE HD **Revision:** 1V5

Raw Part: 7000701 G12 w/TruTank **Custom Part:** ???? **Date:** 03/31/20 AG

Outputs: 1-44 **Program Version:**



J4: HIGH CURRENT OUTPUTS 12A; LOW CURRENT 6A

Pin	Out	Load	AMP	O/C
1	30	PORCH LIGHT	4A	.27s
2	31	CARGO LIGHTS	4A	.27s
3	32	AWNING LIGHT (DIM)	6A	.27s
4	33	WATER PUMP	12A	2.1s
5	34	BED OVHD (DIM)	4A	.27s
6	35	HALL (DIM)	4A	.27s
7	36	DINETTE LIGHT	4A	.27s
8	37	FURNACE 1 (OPTION)	6A	.27s
9	38	AWNING EXTEND (MOMENTARY)	4A	.27s
10	39	AWNING RETRACT (MOMENTARY)	4A	.27s
11	40	D/S FRONT SLIDE EXTEND (OPTIO	4A	.27s
12	41	D/S FRONT SLIDE RETRACT (OPTIC	4A	.27s
13	42	P/S FRONT SLIDE EXTEND (OPTION	4A	.27s
14	43	P/S FRONT SLIDE RETRACT (OPTIO	4A	.27s
15	44	TOILET BATH LIGHT (OPTION)	4A	.27s

J3: HIGH CURRENT OUTPUTS 12A; LOW CURRENT 6A

Pin	Out	Load	AMP	O/C
1	21	D/S SECURITY LIGHT	6A	.27s
2	22	BUNK OVHD (DIM) (OPTION)	4A	.27s
3	23	KITCHEN OVHD (DIM)	4A	.27s
4	24	ACCENT LIGHTS(DIM)	4A	.27s
5	25	FRONT CEILING (DIM)	6A	.27s
6	26	LIVING CEILING (DIM)	6A	.27s
7	27	SOFA O/H (DIM)	6A	.27s
8	28	BED CEILING (DIM)	6A	.27s
9	29	BATH CEILING (DIM)	4A	.27s

J12: THERMISTORS

Pin	Load
1	FRONT THERMISTOR
2	REAR THERMISTOR
3	TANK COMPARTMENT THERMISTOR
4	EXTERIOR THERMISTOR
5	
6	
7	FRONT THERMISTOR (GND)
8	REAR THERMISTOR (GND)
9	TANK COMPARTMENT THERMISTOR (GND)
10	EXTERIOR THERMISTOR(GND)
11	
12	

J8: HIGH CURRENT RELAYS (20A MAX)

Pin	Out	Load	AMP	O/C
1	1	FURANCE 2 (OPTION)	10A	.26s
2	2	TANK COMPARTMENT	10A	.26s
3	3	CLOSET/ BUNK SLIDE (RP) EXTEND	20A	1.0s
4	4	CLOSET/ BUNK SLIDE (RP) RETRACT	20A	1.0s
5	5	BED SLIDE (RP) EXTEND (OPTION)	20A	1.0s
6	6	BED SLIDE (RP) RETRACT (OPTION)	20A	1.0s
7	7	TV LIFT UP (RP) (OPTION)	15A	.26s
8	8	TV LIFT DOWN (RP) (OPTION)	15A	.26s

J11: TANKS

Pin	Load
1	FRESH TRUTANK
2	GREY TRUTANK
3	BLACK COMP 1 TRUTANK
4	BLACK COMP 2 TRUTANK
5	
6	
7	
8	
9	FRESH TRUTANK (GND)
10	GREY TRUTANK (GND)
11	BLACK COMP 1 TRUTANK (GND)
12	BLACK COMP 2 TRUTANK (GND)
13	
14	
15	
16	

J13: LPG

Pin	Load
1	LP GAS (SIG)
2	
3	CHASSIS (12V)
4	LP GAS (GND)
5	
6	GEN RUN (12V)

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 (30 SECOND PULSE)	–
12	20	GEN STOP (30 SECOND PULSE)	–

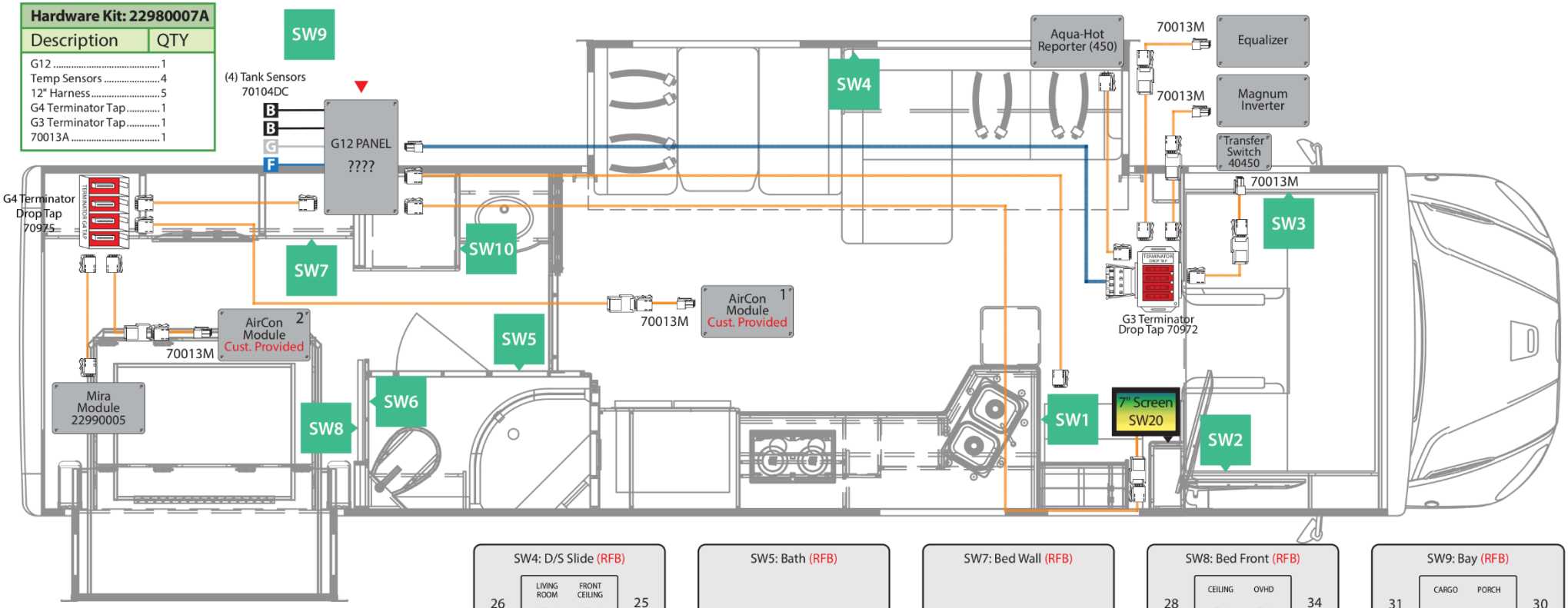
J5: INPUTS

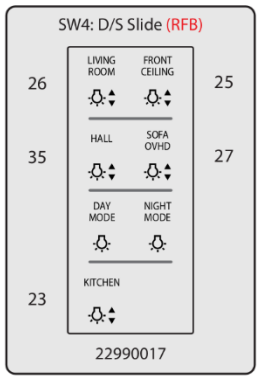
Pin	Load	+/–
1		–
2		–
3		–
4		–
5	PARKING BRAKE	–
6		+
7	IGNITION	+
8		+
9		+
10		+

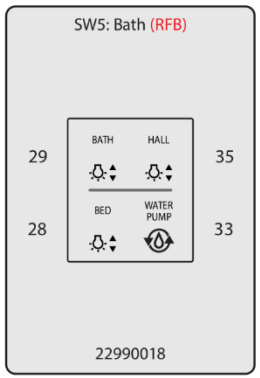
Add Placeholders

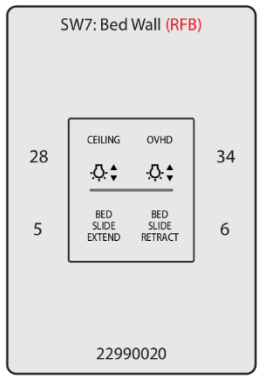
Pin Legend: Reverse Polarity

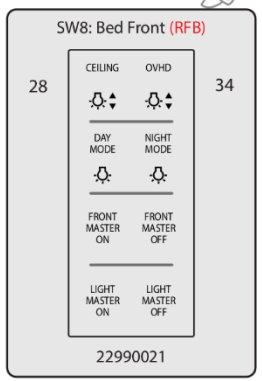
Hardware Kit: 22980007A	
Description	QTY
G12	1
Temp Sensors	4
12" Harness	5
G4 Terminator Tap	1
G3 Terminator Tap	1
70013A	1

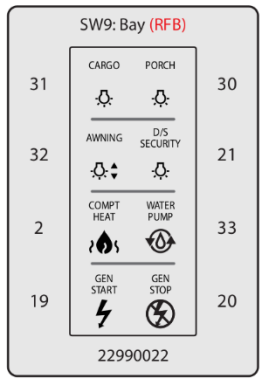


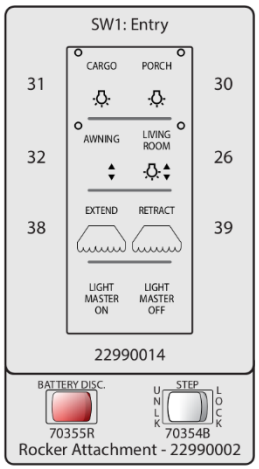


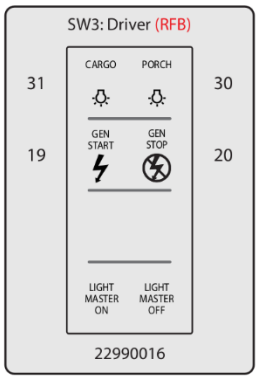


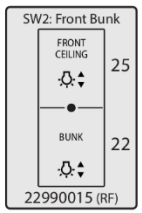


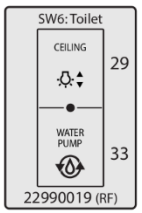


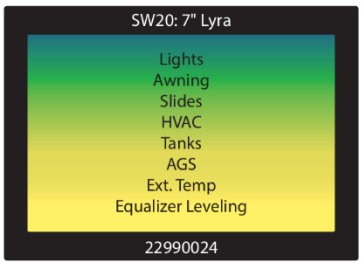


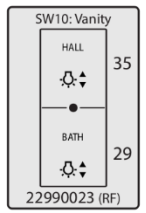






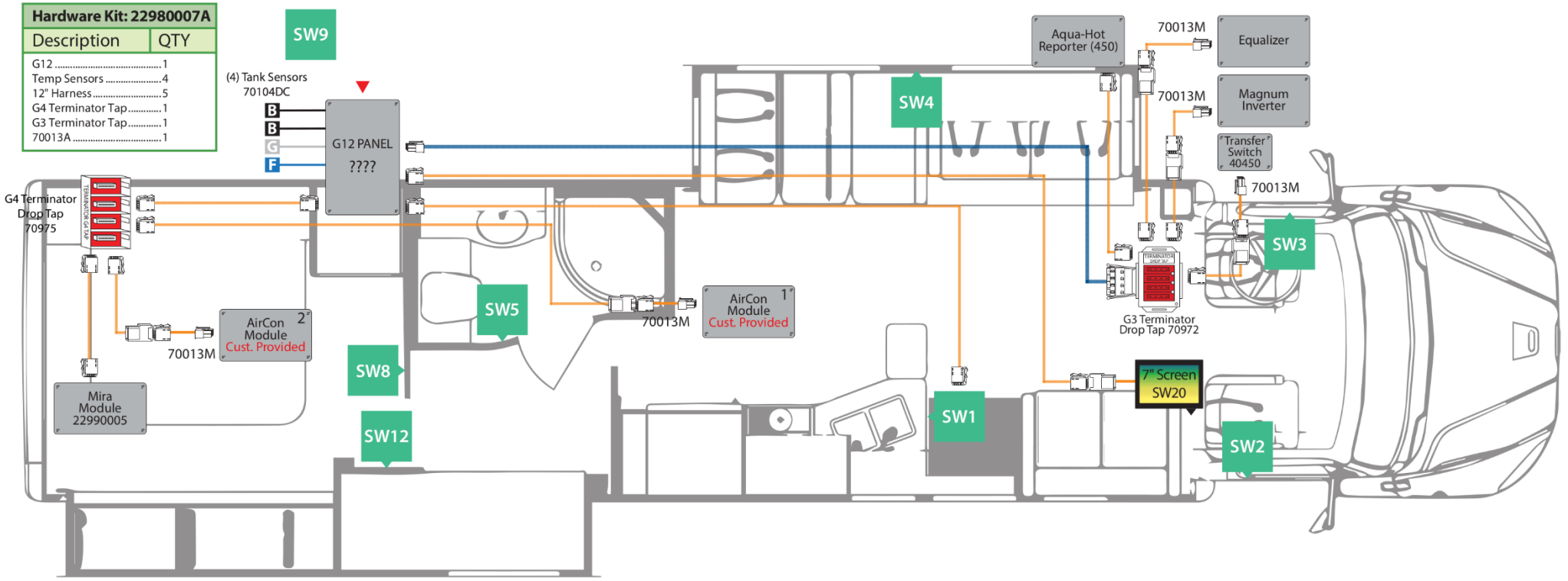


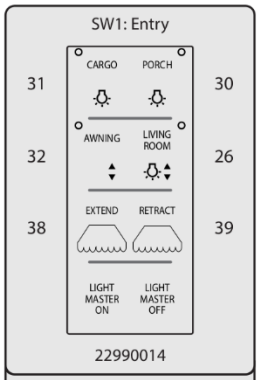


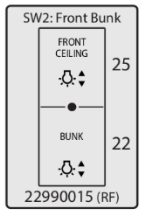


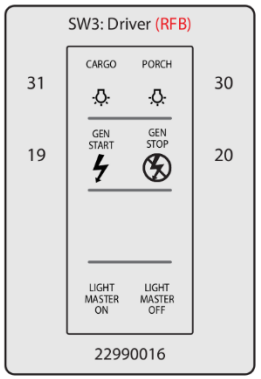
Dynamax DX3: 34KD	Kit: 22980006A		DI: AG	Network Legend	Drop Cable Connections
Network Wiring Diagram and Switch Panel Layout				Trunk Cable	Black Red Blue White
SSP-17 RFB/RVC, Lyra	NWD REV 1v8	07/06/20	PI:	Drop Cable Switch Position T	

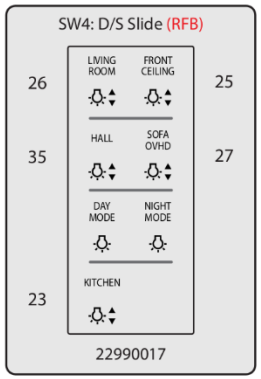
Hardware Kit: 22980007A	
Description	QTY
G12	1
Temp Sensors	4
12" Harness	5
G4 Terminator Tap	1
G3 Terminator Tap	1
70013A	1

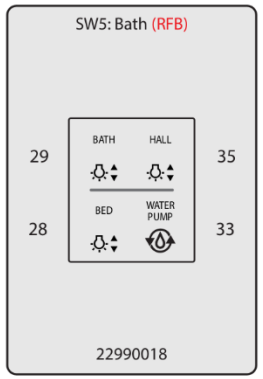


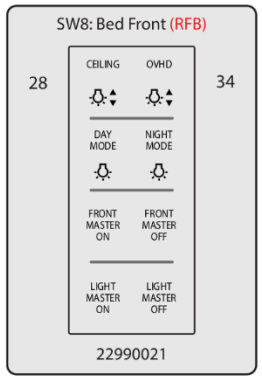


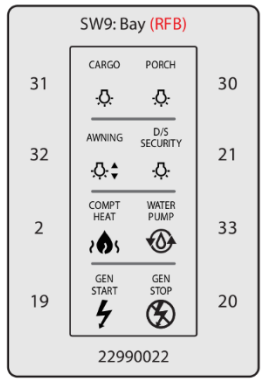


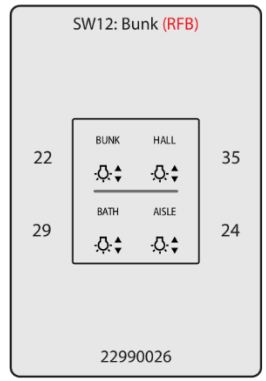


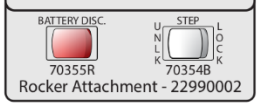


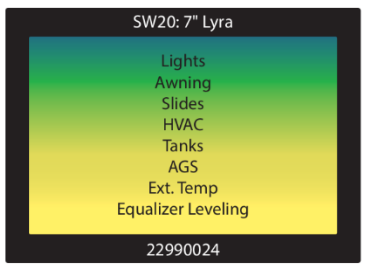












Dynamax DX3: 37BH Kit: 22980014A			DI: AG
Network Wiring Diagram and Switch Panel Layout			
SSP-17 RFB/RVC, Lyra	NWD REV 1v7	07/06/20	PI:

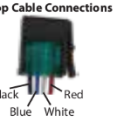
Network Legend

Trunk Cable

Drop Cable

Switch Position

Drop Cable Connections



Hardware Kit: 22980007A	
Description	QTY
G12	1
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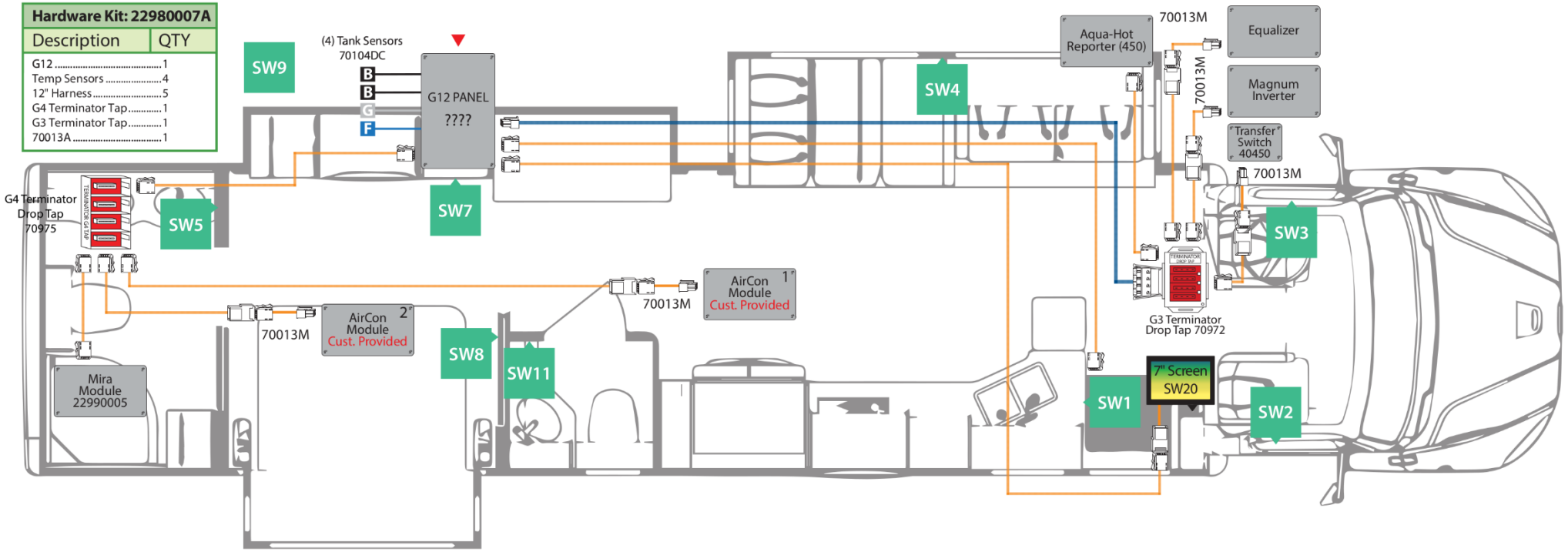
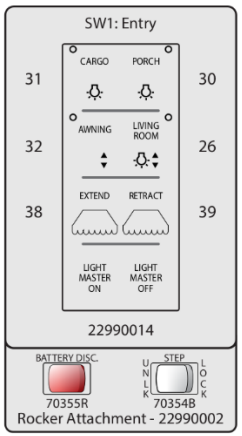
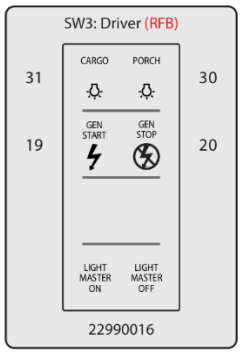
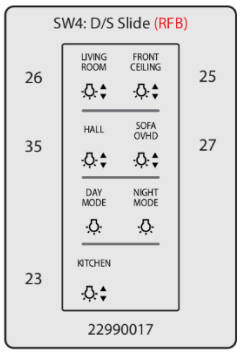
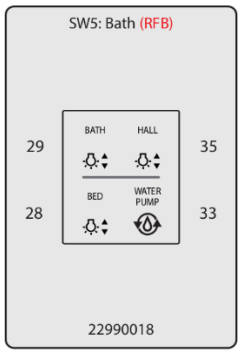
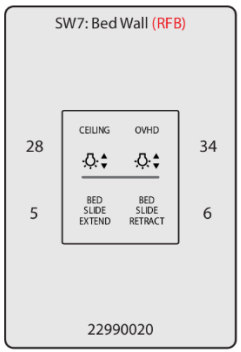


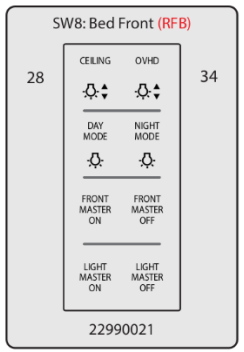


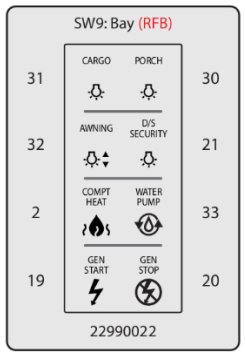


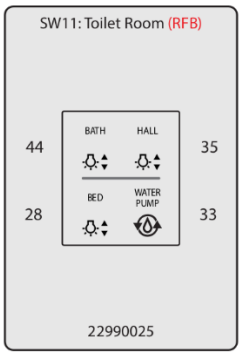


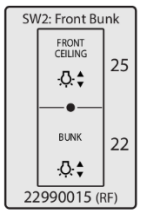


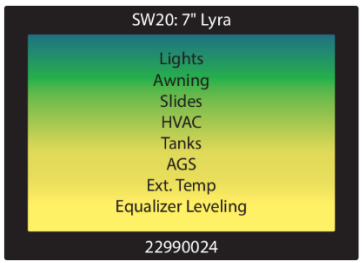










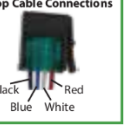


Dynamax DX3: 37RB Kit: 22980012A			DI: AG
Network Wiring Diagram and Switch Panel Layout			
SSP-17 RFB/RVC, Lyra	NWD REV 1v7	07/06/20	PI:

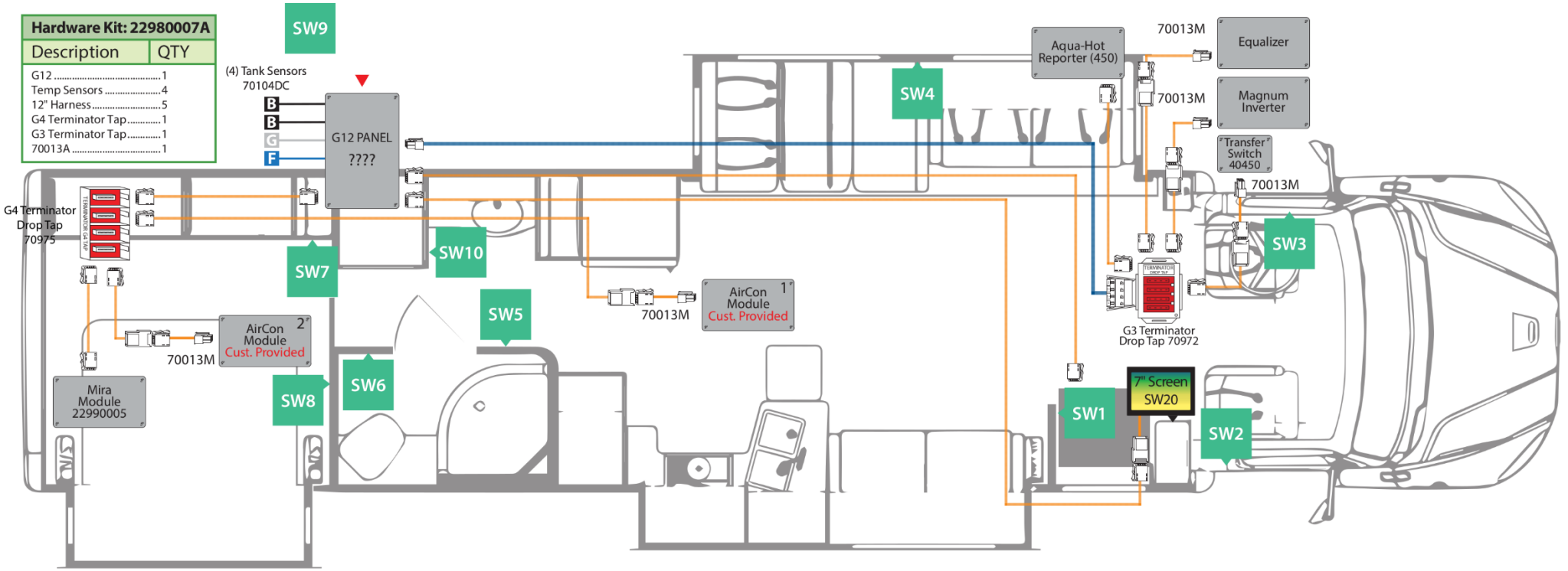
Network Legend

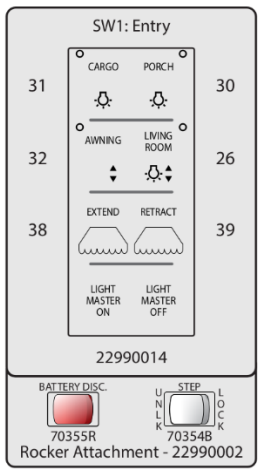
Trunk Cable
Drop Cable
Switch Position

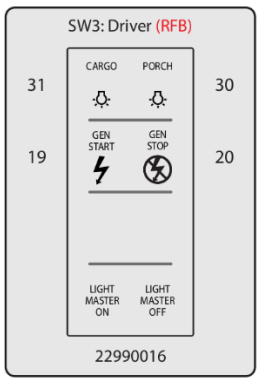
Drop Cable Connections

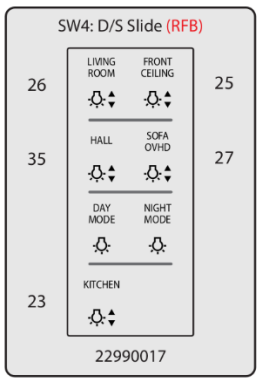


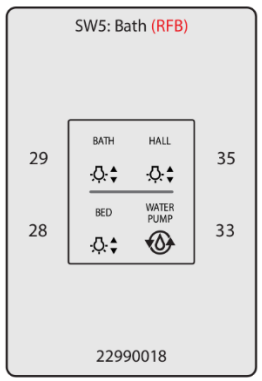
Hardware Kit: 22980007A	
Description	QTY
G12	1
Temp Sensors	4
12" Harness	5
G4 Terminator Tap	1
G3 Terminator Tap	1
70013A	1

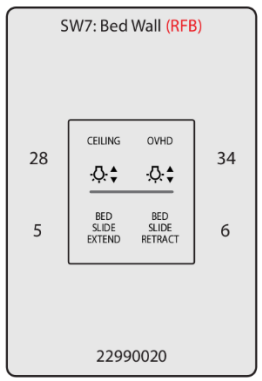


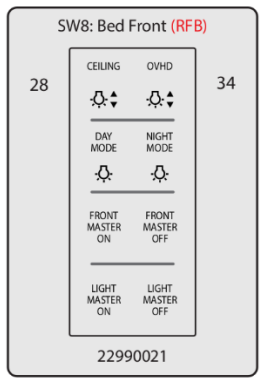


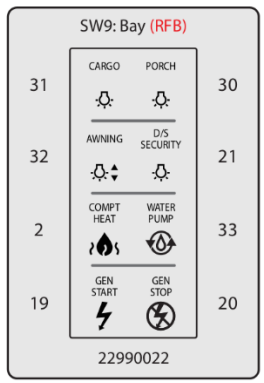


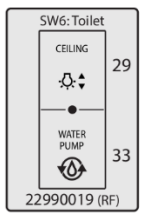


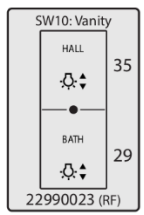


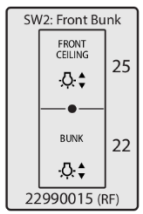


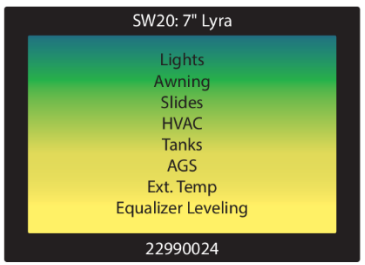






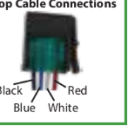




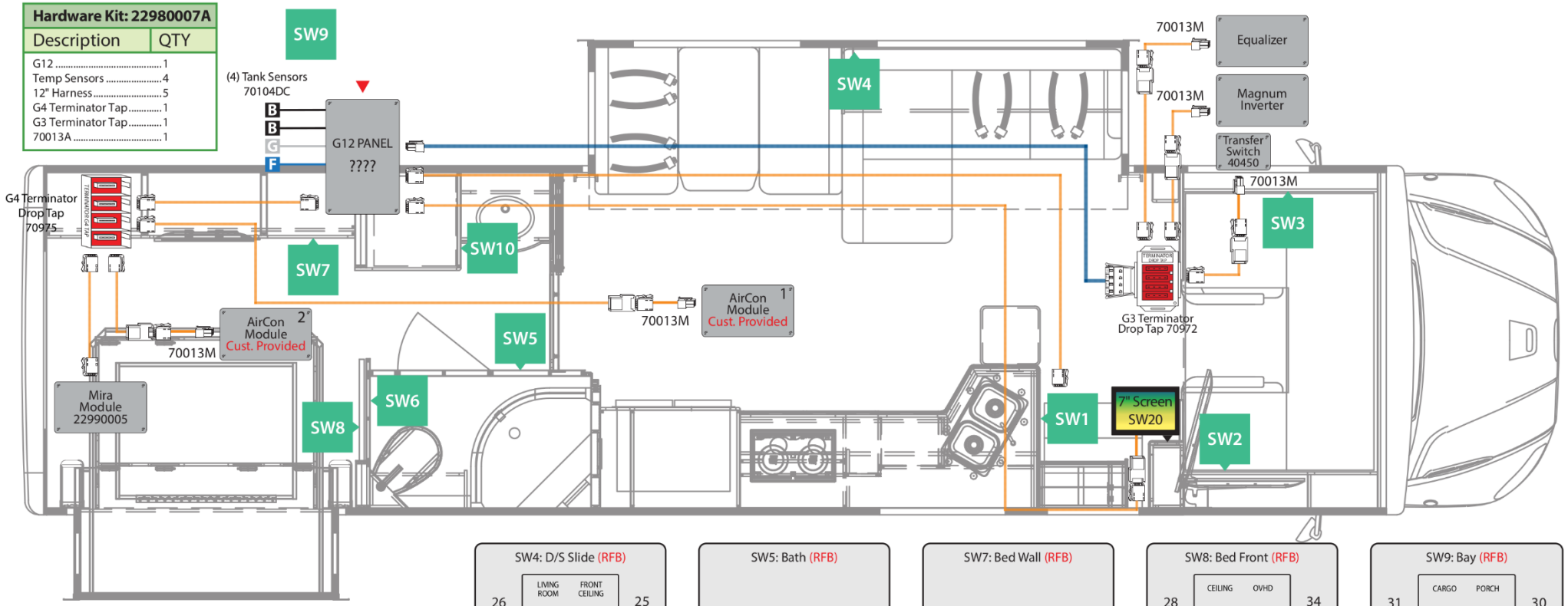


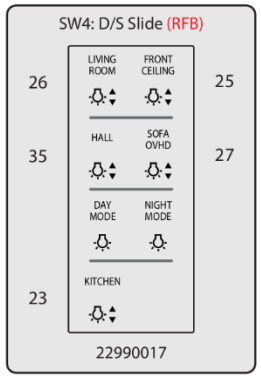
Dynamax DX3: 37TS Kit: 22980006A			DI: AG	Network Legend
Network Wiring Diagram and Switch Panel Layout				Trunk Cable Drop Cable Switch Position
SSP-17 RFB/RVC, Lyra	NWD REV 1v7	07/06/20	PI:	

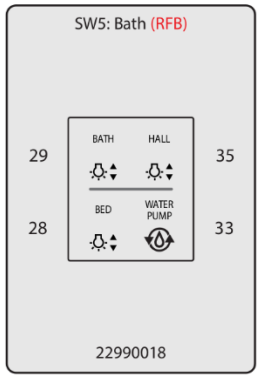
Drop Cable Connections

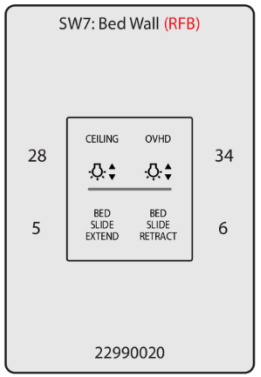


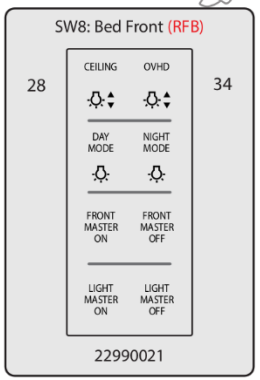
Hardware Kit: 22980007A	
Description	QTY
G12	1
Temp Sensors	4
12" Harness	5
G4 Terminator Tap	1
G3 Terminator Tap	1
70013A	1

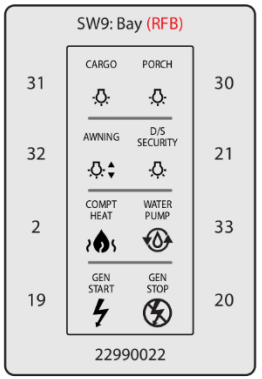


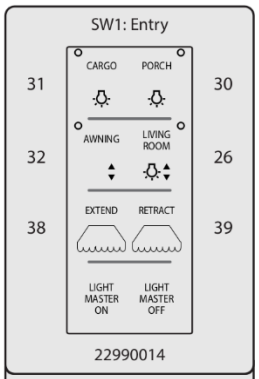


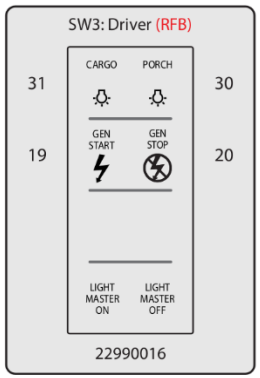


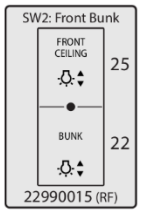


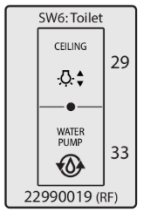


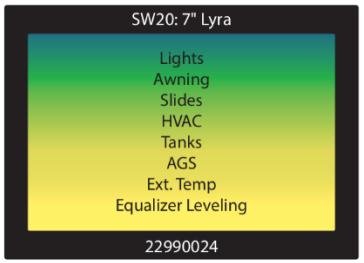


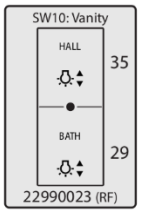












Dynamax Force: 34KD	Kit: 22980010A		DI: MD
Network Wiring Diagram and Switch Panel Layout			PI:
SSP-17 RFB/RVC, Lyra	NWD REV 1v6	06/05/20	

Network Legend

Trunk Cable

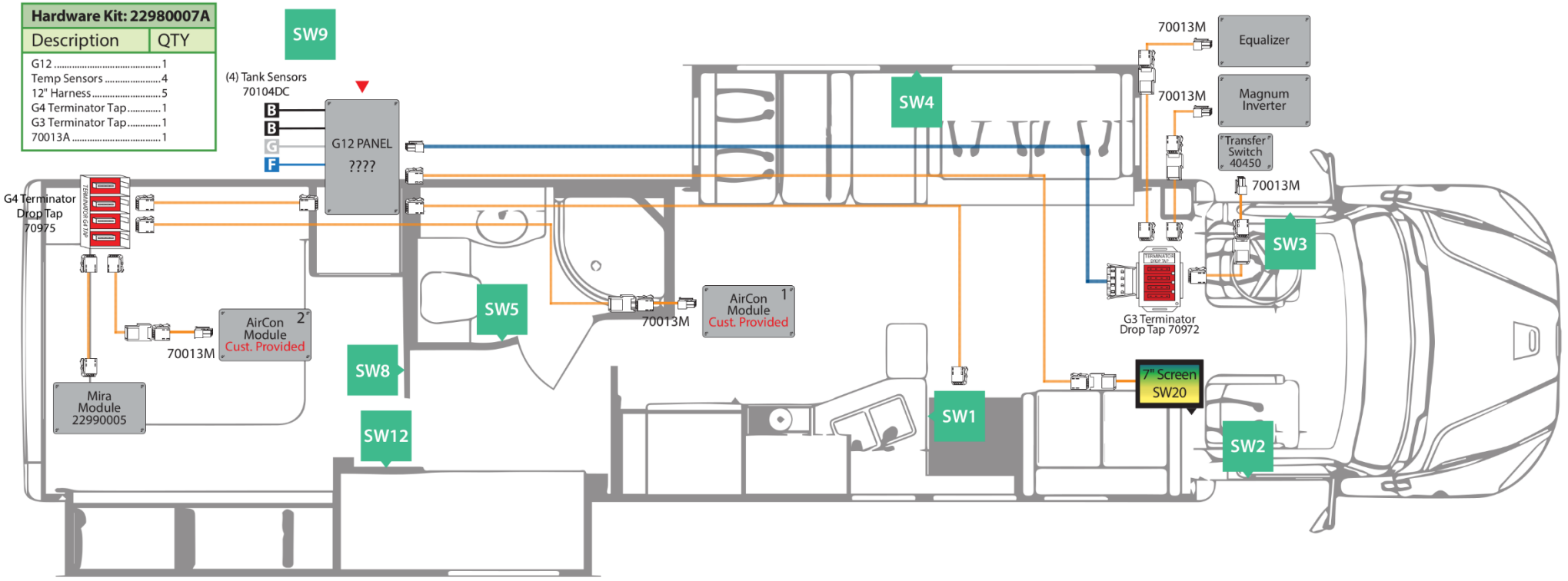
Drop Cable

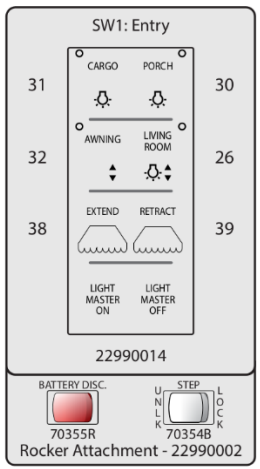
Switch Position

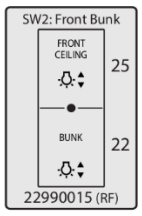
Drop Cable Connections

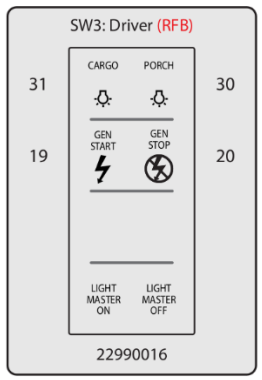
Black Red Blue White

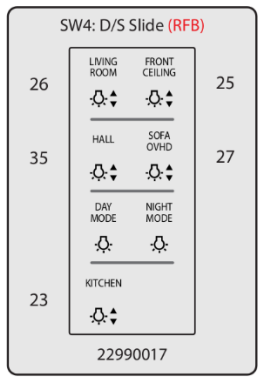
Hardware Kit: 22980007A	
Description	QTY
G12	1
Temp Sensors	4
12" Harness	5
G4 Terminator Tap	1
G3 Terminator Tap	1
70013A	1

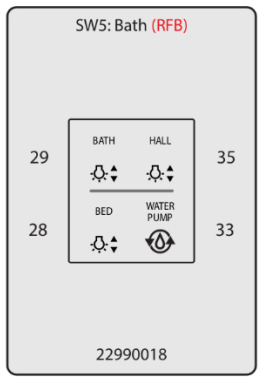


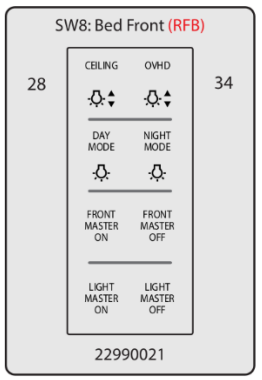


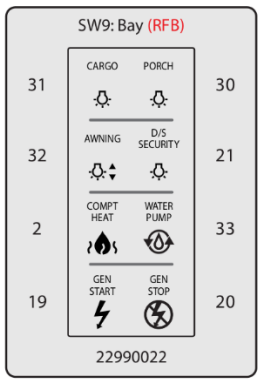


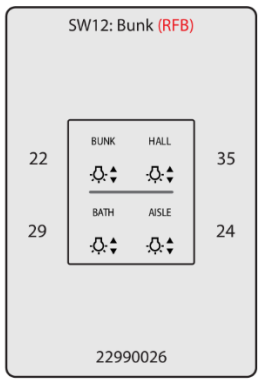


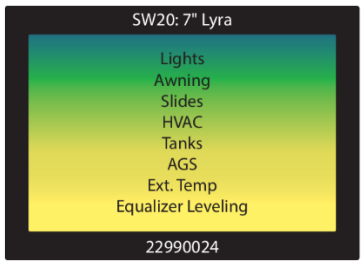










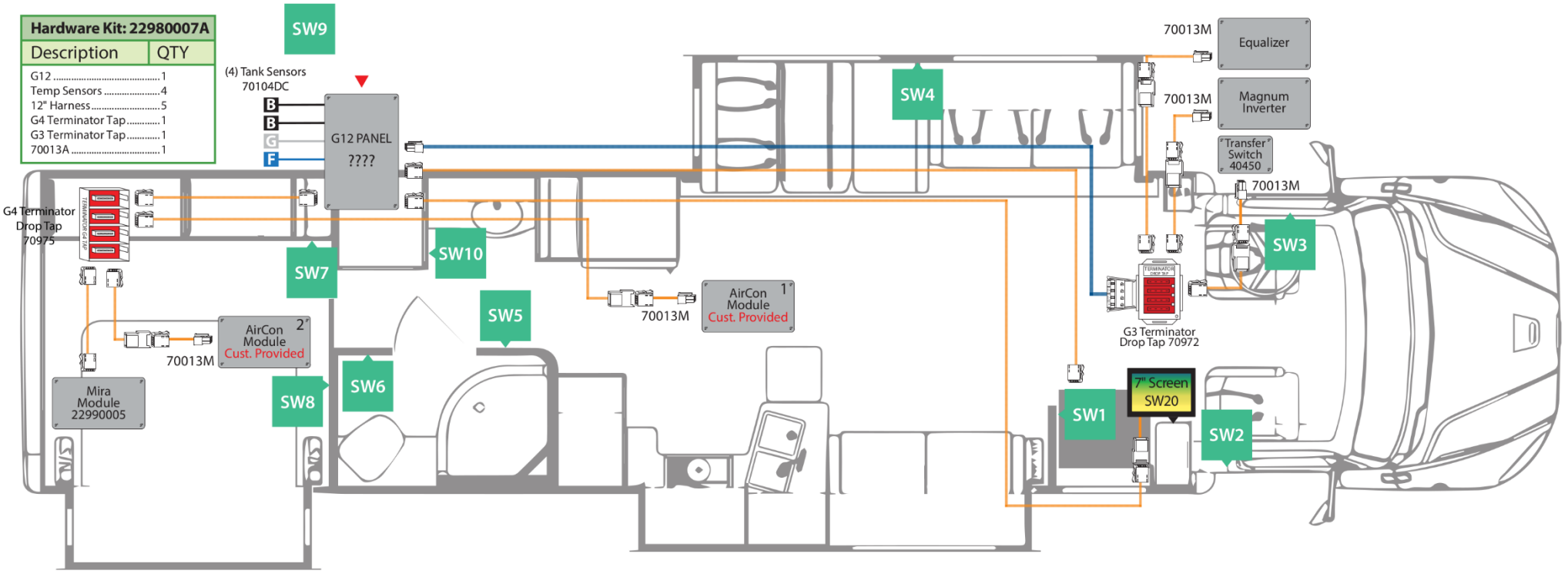


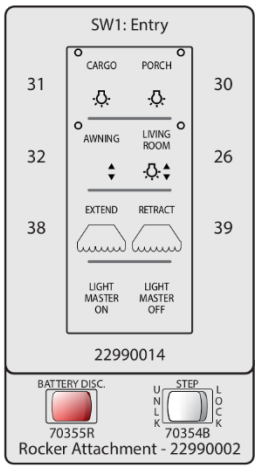
Dynamax Force: 37BH	Kit: 22980016A		DI: MD	Network Legend
Network Wiring Diagram and Switch Panel Layout				Trunk Cable
SSP-17 RFB/RVC, Lyra	NWD REV 1v6	06/05/20	PI:	Drop Cable
				Switch Position

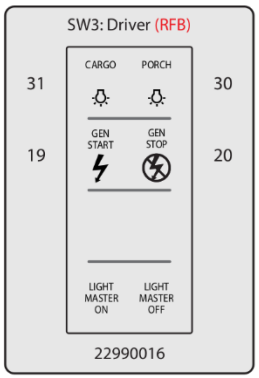
Drop Cable Connections

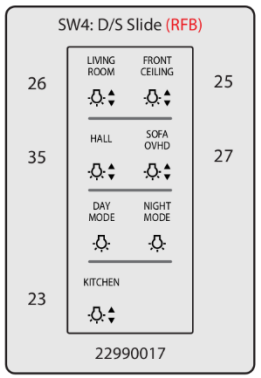
Black Red Blue White

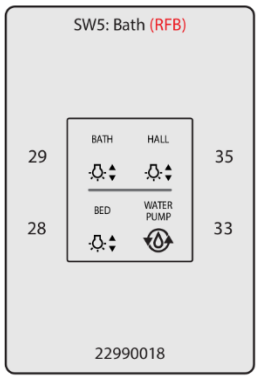
Hardware Kit: 22980007A	
Description	QTY
G12	1
Temp Sensors	4
12" Harness	5
G4 Terminator Tap	1
G3 Terminator Tap	1
70013A	1

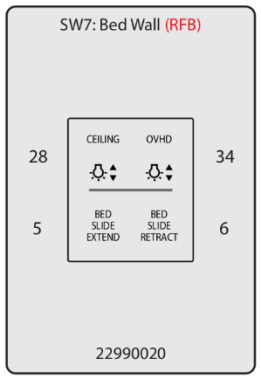


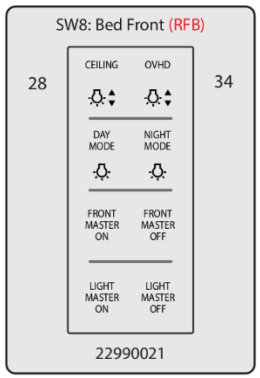


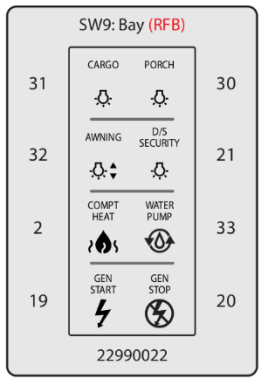


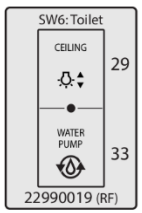


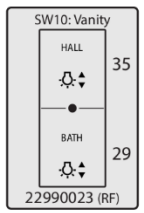


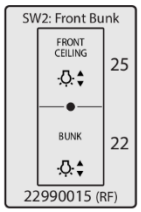


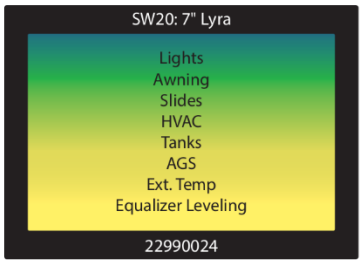






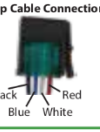






Dynamax Force: 37TS	Kit: 22980010A	DI: MD
Network Wiring Diagram and Switch Pane l Layout		PI:
SSP-17 RFB/RVC, Lyra	NWD REV 1v7	06/05/20

Network Legend

Trunk Cable
Drop Cable
Switch Position

Drop Cable Connections