



Master Owner's Manual

ELECTRONICS

PART II

Master Owner's Manual

The Master Owner's Manual is intended to provide information on Lippert's most widely used products. Products described in the Master Owner's Manual may not be on every trailer. The trailer may also have products not included in this manual. All manual information is subject to change without notice. Revised editions will be available for free download at [lci1.com/support](https://support.lci1.com/support). Manual information is considered factual until made obsolete by a revised version. Manual information may be distributed as a complete document only, unless Lippert provides explicit consent to distribute individual parts.

User's Note:

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ONECONTROL[®] TABLET OWNER'S MANUAL



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Additional information about this product can be obtained from lci1.com/support or by downloading the free LippertNOW app. The app is available on Apple App Store® for iPhone® and iPad® and also on Google Play™ for Android™ users.

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For additional support on this product, please visit: <https://support.lci1.com/onecontrol-wireless-formerly-myrv>.

NOTE: Images used in this document are for reference only when assembling, installing and/or operating this product. Actual appearance of provided and/or purchased parts and assemblies may differ.

Safety and System Information

System Information

The OneControl® tablet is an Android-based device that uses the OneControl® application to bring system controls and monitoring software to a touchscreen tablet. The OneControl® tablet can access the internet (if available), basic how-to RV videos, product videos, owner's manuals and many more RV owner's resources. The systems controlled and monitored by OneControl® include slide-outs, leveling systems, awnings, lighting, temperature, water tanks, tire pressure, battery levels and many more.

The OneControl® Control Panel is accessed within the OneControl® application on the tablet. When powering on or waking the tablet, the OneControl® application will run automatically as it is pre-configured to do so. In order for the OneControl® application to present the operator with the OneControl® Control Panel, there **MUST** be power to the coach. This will power the various OneControl® controllers located throughout the unit. This will also power the wireless hub and enable connectivity with the tablet, ultimately allowing wireless connectivity. Please note that with power to the coach, the tablet should always be able to gain access to the OneControl® Control Panel when placed in the docking station due to it being a wired connection. Use this to assist when diagnosing concerns with the system.

NOTE: After powering up the RV, it may take several minutes (2-5) for the OneControl® tablet and OneControl® Hub to fully energize and communicate. Please allow this time for the system to establish communications to ensure swift application operations.

Operation

Power On/Off

1. To power ON the OneControl® tablet, hold and release the power button for 2-3 seconds (Fig. 1).

NOTE: It will take a few moments to start up and load the system.

2. To enter or exit sleep mode, press and release the power button.

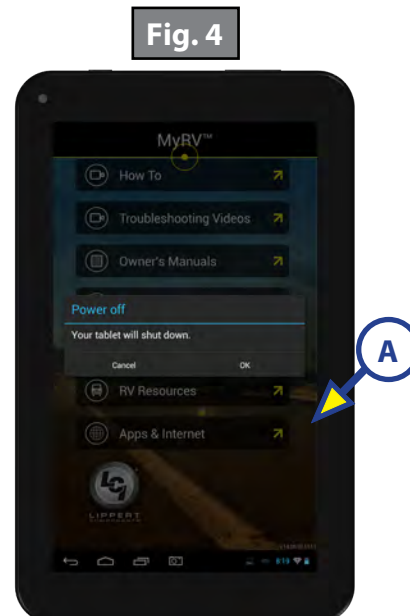
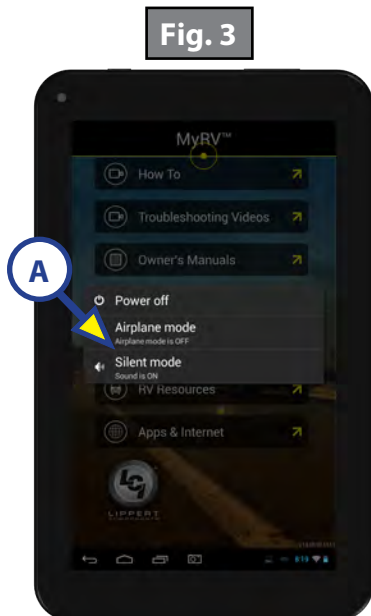
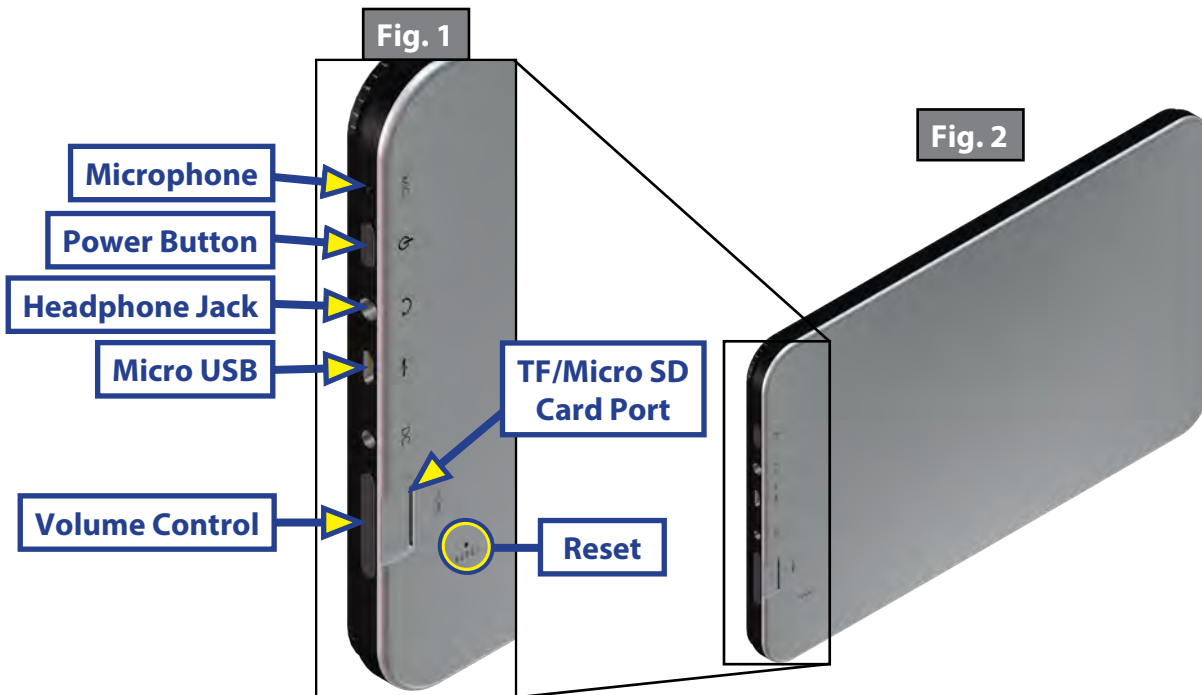
NOTE: When in sleep mode, the tablet will continue to draw small amounts of power. If the tablet is going to be unused for an extended period of time, it is recommended that the tablet be powered "off."

3. To power OFF the OneControl® tablet, press and hold the power button until a utility screen appears (Fig. 3).

4. Select "Power off" (Fig. 3A).

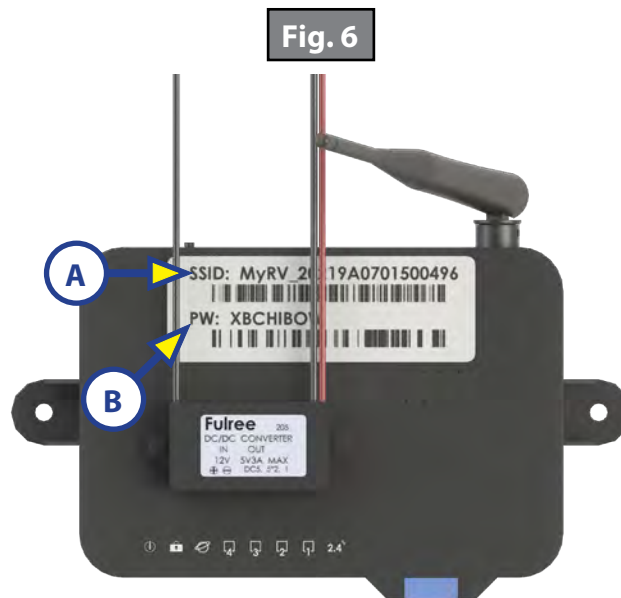
5. Press "OK" (Fig. 4A) when confirmation box displays: "Your tablet will shut down."

NOTE: Do not complete the steps to "Factory Reset" your tablet in settings. This will erase all data on your tablet and VOID the warranty on the tablet.



Connecting the OneControl® Tablet to the OneControl® Wireless Network

1. On the OneControl® home page, select "Apps & Internet."
2. On the "Apps and Internet Browser," select the "WiFi Manager."
3. Locate the OneControl® Hub (Fig. 5) or Range Extender (Fig. 6) and the label which contains the SSID and password to the OneControl® system.
4. Match the SSID on the OneControl® Hub (Fig. 5A) or Range Extender (Fig. 6A) to the corresponding SSID in the "Wifi Manager."
5. Select the SSID and enter the password located on the OneControl® Hub (Fig. 5B) or Range Extender (Fig. 6B) then press "Connect."



Wireless Hub and Range Extender

The OneControl® system is equipped with a wireless hub and range extender. When powered, the hub and range extender provide the perimeter of the coach with wireless connectivity. This allows the tablet to effectively send commands wirelessly to the OneControl® system. The hub and range extender's only purpose is to provide wireless connectivity. The hub and range extender does not keep configuration data, so when troubleshooting wireless connection concerns, ensure the tablet can operate the OneControl® Control Panel when housed in the docking station. Again, as long as there is power to the coach, the OneControl® system should operate from the dock.

Docking Station

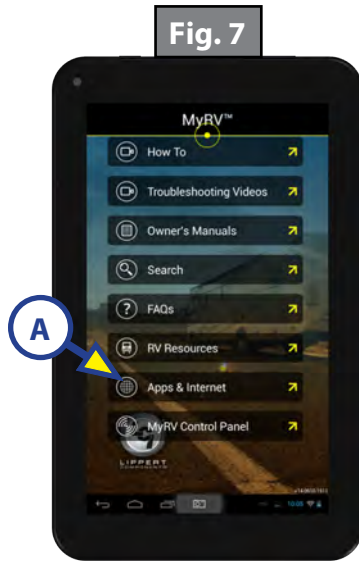
The OneControl® system includes a tablet docking station. This is typically mounted near the center of the coach, and houses the tablet when the wireless operation is unnecessary or during travel. To connect the tablet to the docking station, open the door on the docking station, and slide the tablet into the sleeve on the door about $\frac{3}{4}$ of the way in. Then connect the micro USB plug on the docking station into the micro USB port on the tablet. Slide the tablet the rest of the way into the sleeve and then close the door. The docking station is wired to the coach power system, which will charge the tablet during its storage period. The docking station is also wired for communication with the various controllers in the coach. This allows the tablet to function when stored in the dock without being reliant on the wireless hub.

Applications and Internet

1. Locate "Apps & Internet" by scrolling down to the bottom of the screen (Fig. 7).
2. Pressing the "Apps & Internet" (Fig. 7A) will open the "Apps and Internet Browser" (Fig. 8).

From here the "Apps and Internet Browser" will assist in connecting to Wi-Fi, if available. If Wi-Fi is available, you may proceed in downloading Play Store applications, viewing web pages and email, and setting date/time.

NOTE: The wireless hub cannot be used as a Wi-Fi hotspot. The OneControl® tablet is Wi-Fi capable and may be used to access the internet, but a usable Wi-Fi connection **MUST** be available.



Connectivity can be viewed:

- From the home menu of the OneControl® application, click on APPS & INTERNET.
- Click on the WI-FI MANAGER icon and you should see something similar to (Fig. 9).



OneControl® Control Panel

NOTE: Password protection will only be on tablets manufactured on or after 7-13-15.

- If the tablet is outside of the dock and connected to the system via WiFi, clicking on “OneControl® Control Panel” from the main OneControl® screen will show the attached password screen (Fig. 10A). The default PIN is 1234.
- The PIN is not required if the tablet is inside the dock and connected to the USB cable.
- The OneControl® Control Panel screen includes a settings button in the upper-right hand corner (Fig. 11A).
- Clicking the settings button will open the attached settings screen, where the PIN can be changed (Fig. 12).

Fig. 10

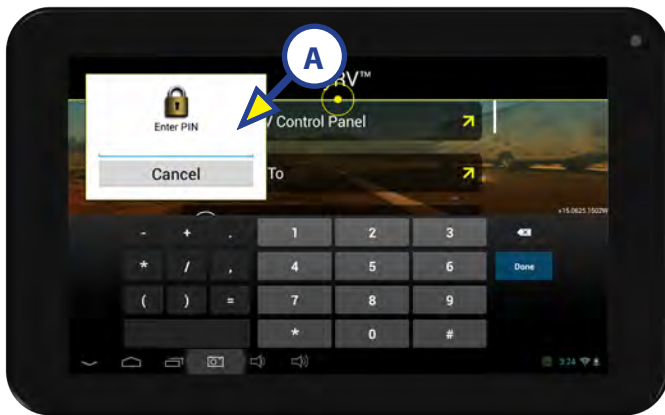
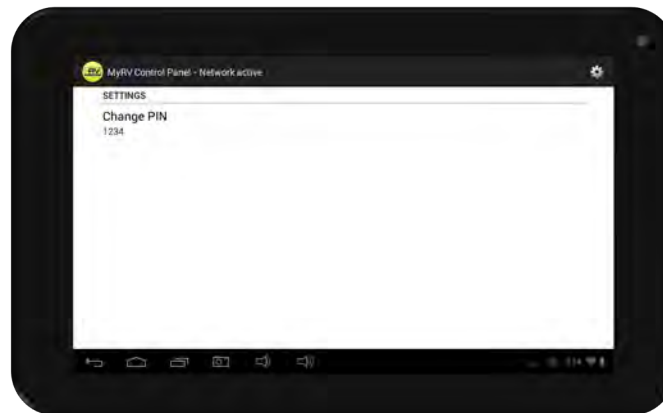


Fig. 11



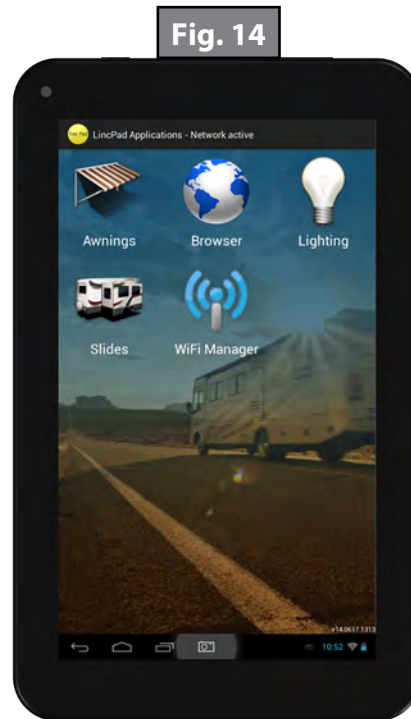
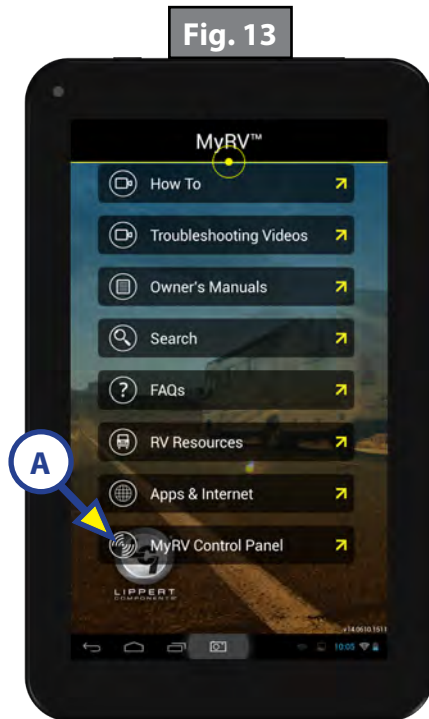
Fig. 12



The control panel will operate various devices connected to the OneControl® system.

1. Locate "OneControl® Control Panel" (Fig. 13).
2. Pressing the "OneControl® Control Panel" (Fig. 13A) will open the "OneControl® Applications" (Fig. 14).
3. Press the icon of the device you wish to operate.

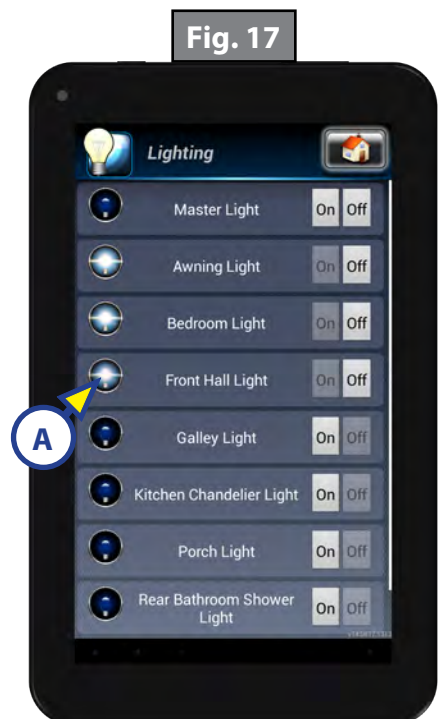
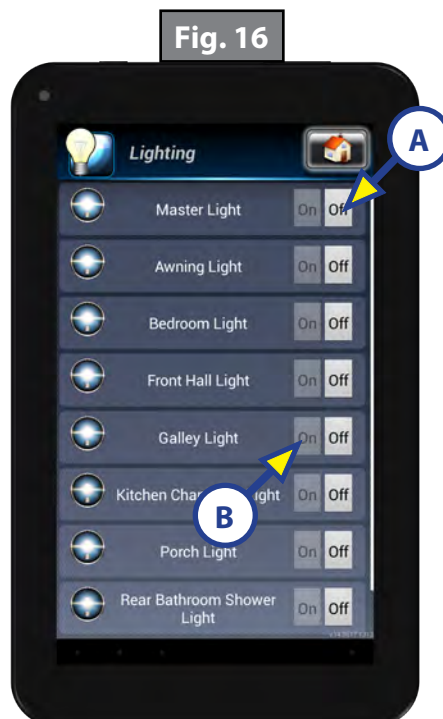
NOTE: Icons that are grayed out are loading and cannot function until loading is complete. Icons will be full color once loaded.



A. Lighting (if equipped) (Fig. 15):

- I. Pressing the highlighted "On" or "Off" on the "Master Light" will turn all lights on or off (Fig. 16A).
- II. Pressing the highlighted "On" or "Off" will turn individual lights on or off (Fig. 16B).

NOTE: Status of individual lights is displayed by the light bulb to the left of the light name (Fig. 17A).



B. Awning (if equipped) (Fig. 18):

- I.** Pressing "Extend" will extend the awning (Fig. 19A).
- II.** Pressing "Retract" will retract the awning (Fig. 19B).

NOTE: If there are multiple awnings on the unit, you will be prompted to select which awning to extend or retract.

Fig. 18



Fig. 19



C. Leveling (if equipped):

- I.** Pressing the "Leveling" icon (Fig. 20A) will allow you to access the leveling controller.
- II.** In order to level the coach, press the "Auto Level" button (Fig. 21A).

Fig. 20

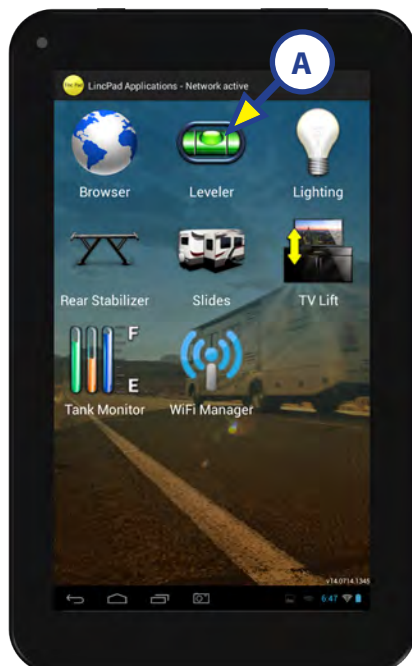


Fig. 21



D. Rear Stabilizer (if equipped):

- I. Pressing the "Rear Stabilizer" icon (Fig. 22A) will allow you to access the rear stabilizer screen.
- II. To extend the rear stabilizer, press the "Extend" button (Fig. 23A).
- III. To retract the rear stabilizer, press the "Retract" button (Fig. 24A).

Fig. 22

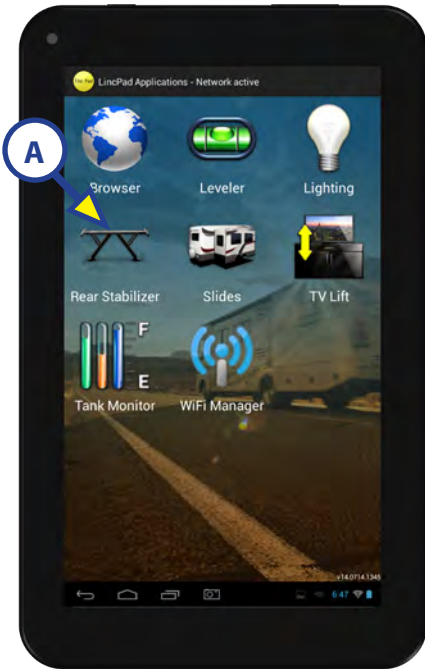


Fig. 23

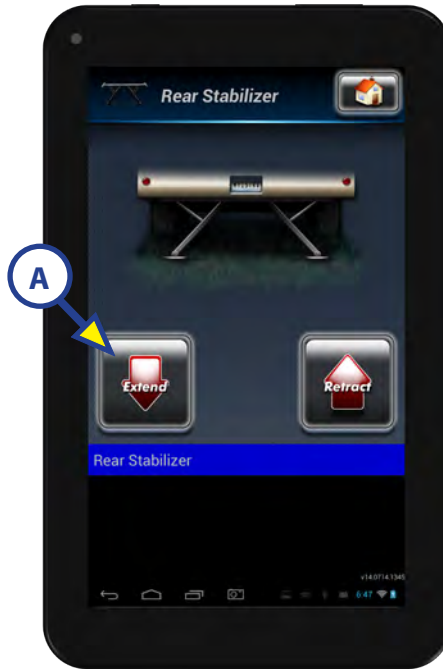


Fig. 24



E. TV Lift (if equipped):

- I. Pressing the "TV Lift" icon (Fig. 25A) will allow you to access the TV Lift screen.
- II. To raise the TV lift, press the "Up" button (Fig. 26A).
- III. To lower the TV lift, press the "Down" button (Fig. 27A).

Fig. 25



Fig. 26



Fig. 27



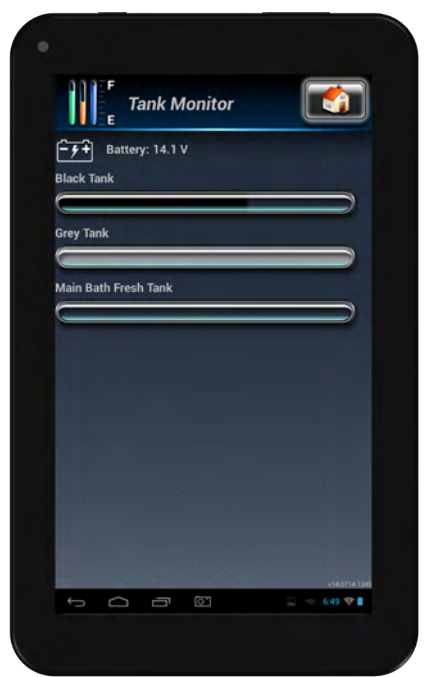
F. Tank Monitor (if equipped):

- I.** Pressing the "Tank Monitor" icon (Fig. 28A) will allow you to access the tank monitor screen (Fig. 29).

Fig. 28



Fig. 29



G. Slide-out (if equipped):

- I.** Pressing the "Slides" icon (Fig. 30A) will allow you to access the slide-out screen.
- II.** Select the slide-out you would like to operate (Fig. 31).

Fig. 30



Fig. 31



III. Pressing "Out" will extend the slide-out (Fig. 32A).

IV. Pressing "In" will retract the slide-out (Fig. 32B).

NOTE: Push the application "Home" icon (Fig. 33A) to return to OneControl® applications (Fig. 13). Push (Fig. 33B) to go back to the OneControl® Control Panel (Fig. 14).



OneControl® Resources

There are various types of resources in OneControl® including:

1. How To (Fig. 34A)
 - A. Various operation and informational videos (Fig. 35).
2. Troubleshooting Videos (Fig. 34B)
 - A. Step by step troubleshooting and maintenance videos (Fig. 36).

NOTE: Troubleshooting videos may not be specific to any coach.



3. Owner's Manuals (Fig. 37A)

- A. Product documentation containing operation and basic troubleshooting (Figs. 38 and 39).

NOTE: Product documentation may not be specific to any coach.

4. Search Function (Fig. 40B)

- A. Searches the OneControl® tablet for any files (documentation, videos, images, etc.) containing the search term (Fig. 41).

- I. Enter search terms into search pop-up (Fig. 40A) and press the search button (Fig. 40B) to view all files related (Fig. 41).

Fig. 37

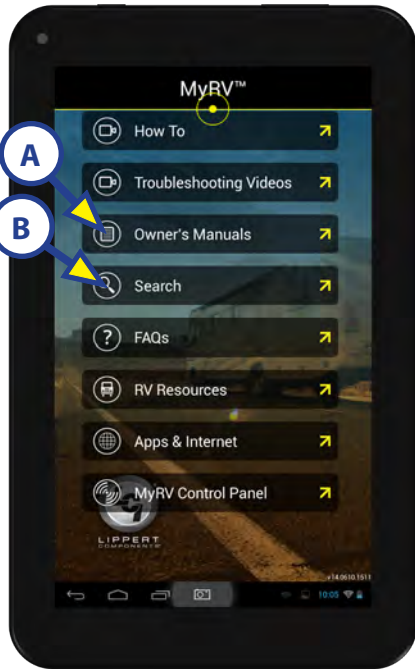


Fig. 38

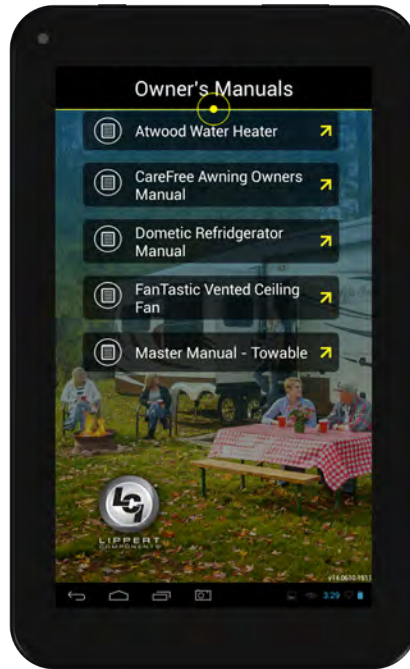


Fig. 39

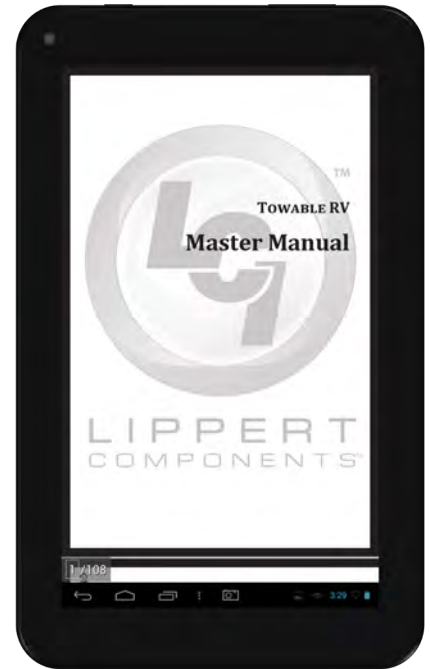


Fig. 40

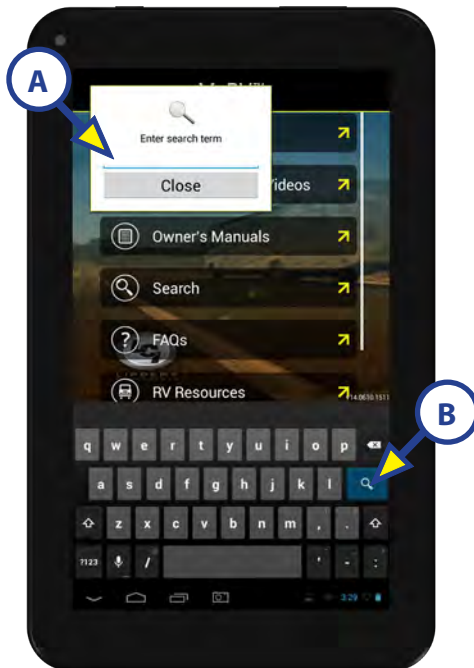
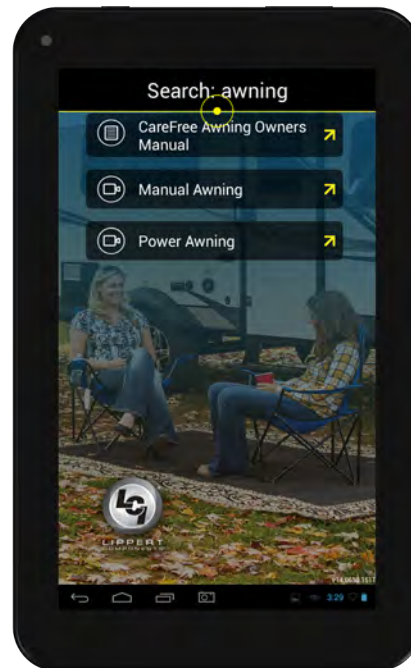


Fig. 41



5. FAQs (Fig. 42A)
 - A. Frequently asked questions with drop down answers (Fig. 43).
 - I. Press the question to reveal the answer and a link to more information (Fig. 44A).
6. RV Resources (Fig. 42B)
 - A. List of RV resources which link to websites that help with finding campgrounds, ordering parts or being a member of a group (Fig. 45).

Fig. 42

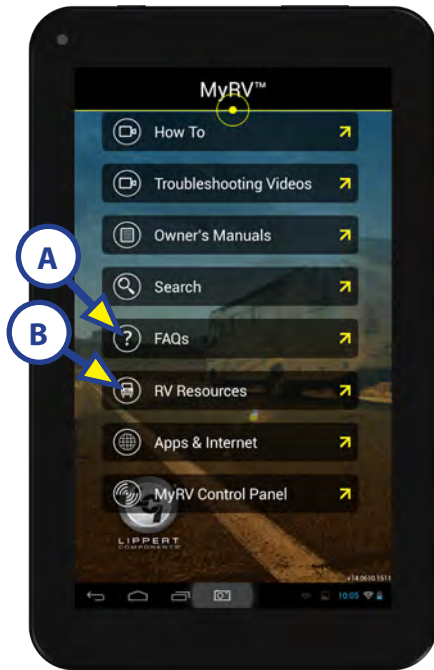


Fig. 43



Fig. 44

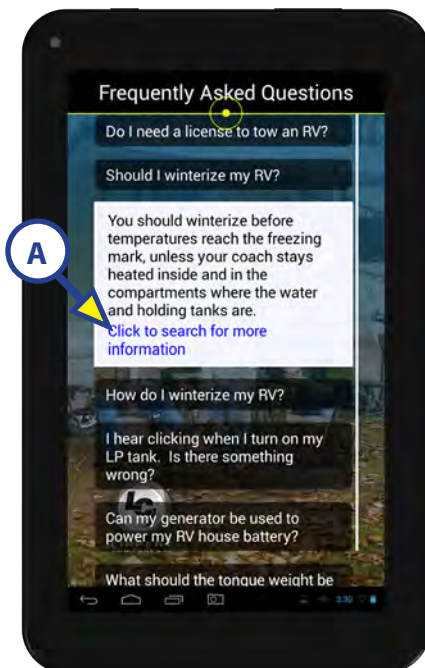
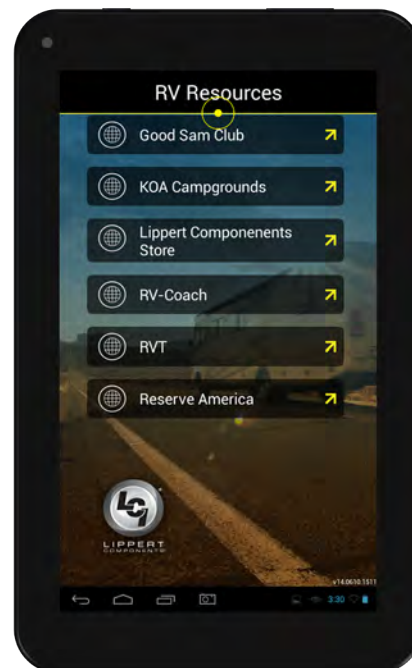


Fig. 45



Troubleshooting

What Is Happening?	Why?	What Should Be Done?
There is no internet access.	The OneControl® tablet can only connect to a single wifi signal at a time.	Disconnect from the OneControl® Hub wireless signal and reconnect to an external wifi signal.
There is no connection to the OneControl® control panel.	There is no connection to the OneControl® Hub.	Check the connection in the Wifi Manager application. If the connection is weak, move closer to the OneControl® hub. If that doesn't remedy the situation, place the tablet into the OneControl® docking station. The docking station is wired to the system, and this should connect the tablet to the OneControl® Hub. Also, try relocating the OneControl® Hub away from appliances such as microwaves or refrigerators.
	There is no power to the OneControl® system.	Check power connections to the OneControl® hub, multi-function receiver and digital switch. Repair and replace as necessary.
	Not in range of the OneControl® Hub.	Move closer to the OneControl® Hub.
The OneControl® tablet will not turn on.	The power button was not held down long enough to power on the tablet.	Press and hold the power button for 4-5 seconds.
	The battery is dead.	Hook the OneControl® tablet into the wall mount docking station to charge the MyRV tablet. If the OneControl® tablet will not turn on after being charged on the docking station, it may need to be replaced. Call Lippert Customer Service at (574) 537-8900.

NOTE: If the OneControl® tablet becomes unresponsive, press the reset button on the back of the tablet.

Connecting the Replacement OneControl® Tablet to the OneControl® Wireless Network

If replacement of the OneControl® tablet is necessary, the new tablet will need to be connected to the OneControl® Hub to operate the systems of the coach. See "Connecting the OneControl® Tablet to the OneControl® Wireless Network" instructions on page 4.

NOTE: If the OneControl® tablet says "authenticating" for more than a few seconds, the password may have been entered incorrectly. Cancel and re-enter the password.



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**ONECONTROL[®] TOUCH PANEL
(REV Q/SCREEN REV v2.5)
OWNER'S MANUAL**



Scan for product support

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Introduction

The OneControl® Touch Panel (OCTP) is a touchscreen device that provides system controls and monitoring software for the recreational vehicle unit. The systems include slide-outs, leveling systems, awnings, lighting, temperature, water tanks, tire pressure, battery levels and any other compatible systems installed on the unit and programmed into the OneControl® system. Powering up the unit will also power the OneControl® Touch Panel and the various controllers throughout the unit.

Additional information about this product can be obtained from lci1.com/support or by downloading the free LippertNOW app. The app is available on Apple App Store® for iPhone® and iPad® and also on Google Play™ for Android™ users.

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Google Play™ and Android™ are trademarks of Google Inc.

For additional support on this product, please visit: <https://support.lci1.com/onecontrol-wireless-formerly-myrv>.

NOTE: Images used in this document are for reference only when assembling, installing and/or operating this product. Actual appearance of provided and/or purchased parts and assemblies may differ.

Operation

Power On/Off

1. The device can be powered on or off using the button on the front of the device.

NOTE: It will take a few moments to start up and load the system.

2. To enter or exit sleep mode, press and release the power button.

Control Panel

1. Locate OneControl® control panel (Fig. 1).
2. Press the power button (Fig. 1A) to turn on the OneControl® Touch Panel.
3. Press the icon of the system to be operated; i.e., awning, bed lifts, generator, etc. (Fig. 2).

NOTE: The control panel will show icons representing the devices connected to the OneControl® system. Press the back button (Fig. 3A) at any time to return to the OneControl® home screen.

Fig. 1

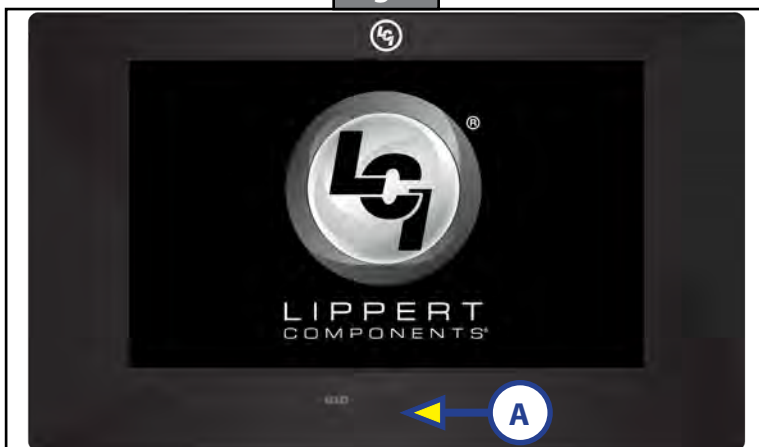
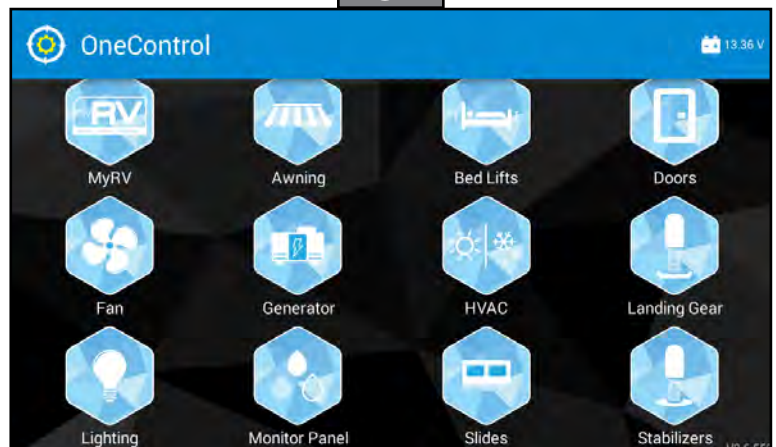


Fig. 2

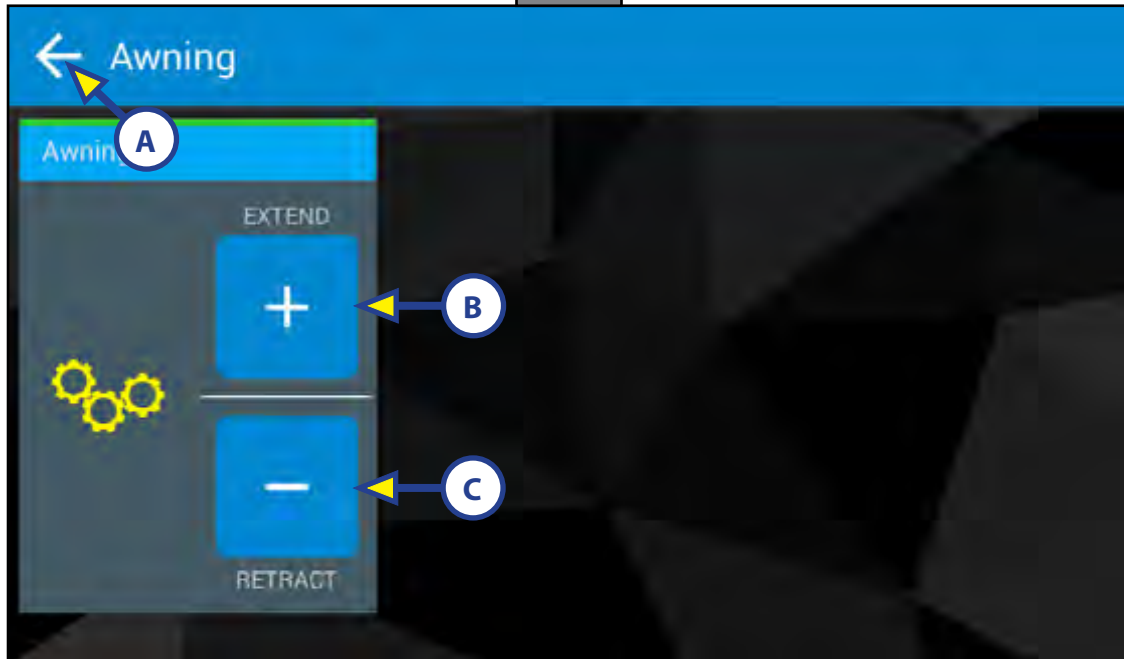


System Operations

Press back button (Fig. 3A) in the top-left corner to return to the home screen at any time.

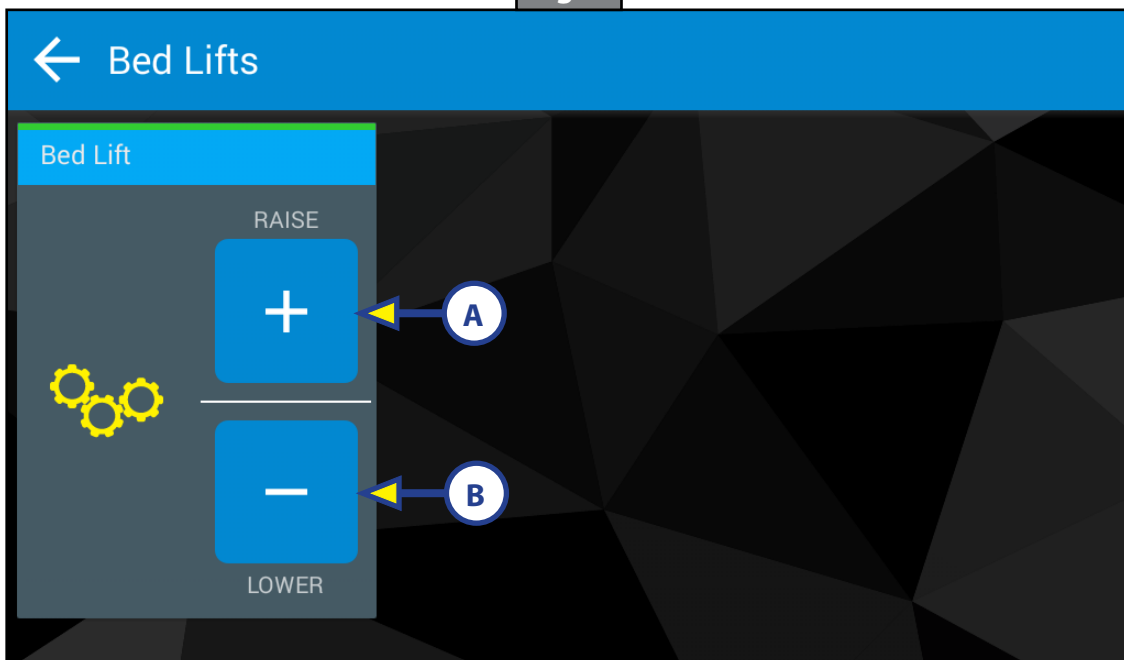
1. Awning, if equipped:
 - A. Pressing the Awning icon (Fig. 2) will allow you to access the awning control screen (Fig. 3).
 - B. Select an awning to operate.
 - I. To extend the awning, press the EXTEND button (Fig. 3B).
 - II. To retract the awning, press the RETRACT button (Fig. 3C).

Fig. 3

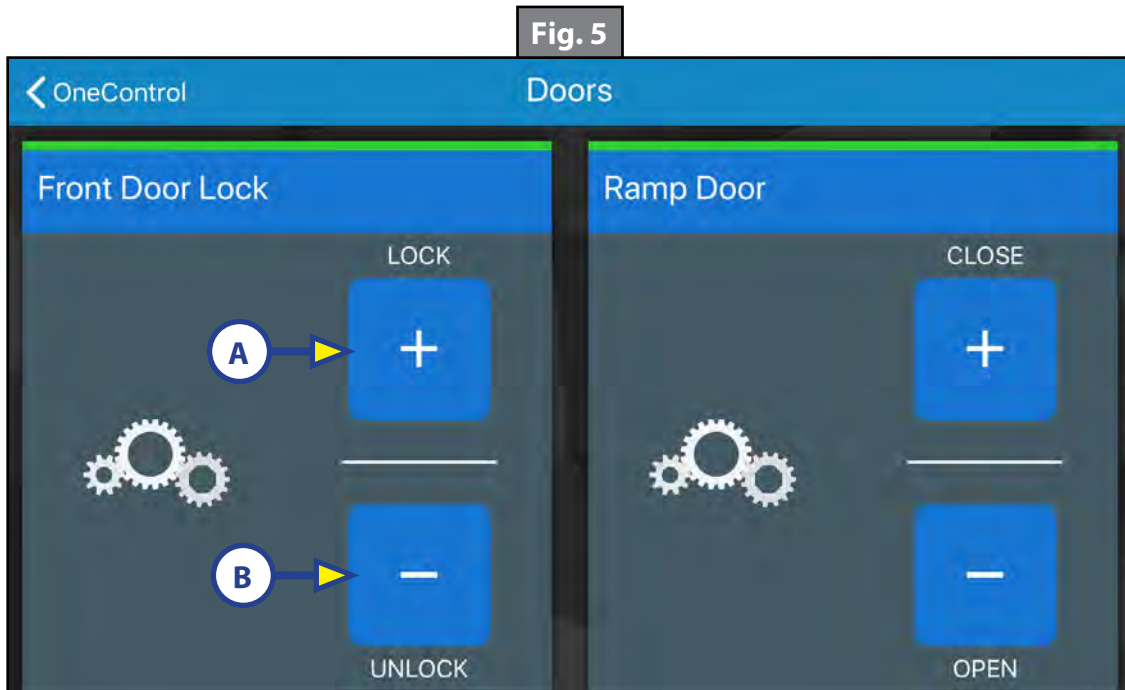


2. Bed Lifts, if equipped:
 - A. Pressing the Bed Lifts icon (Fig. 2) will allow you to access the bed lift control screen (Fig. 4).
 - B. Select a Bed Lift to operate.
 - I. To raise the bed lift, press the RAISE button (Fig. 4A).
 - II. To lower the bed lift, press the LOWER button (Fig. 4B).

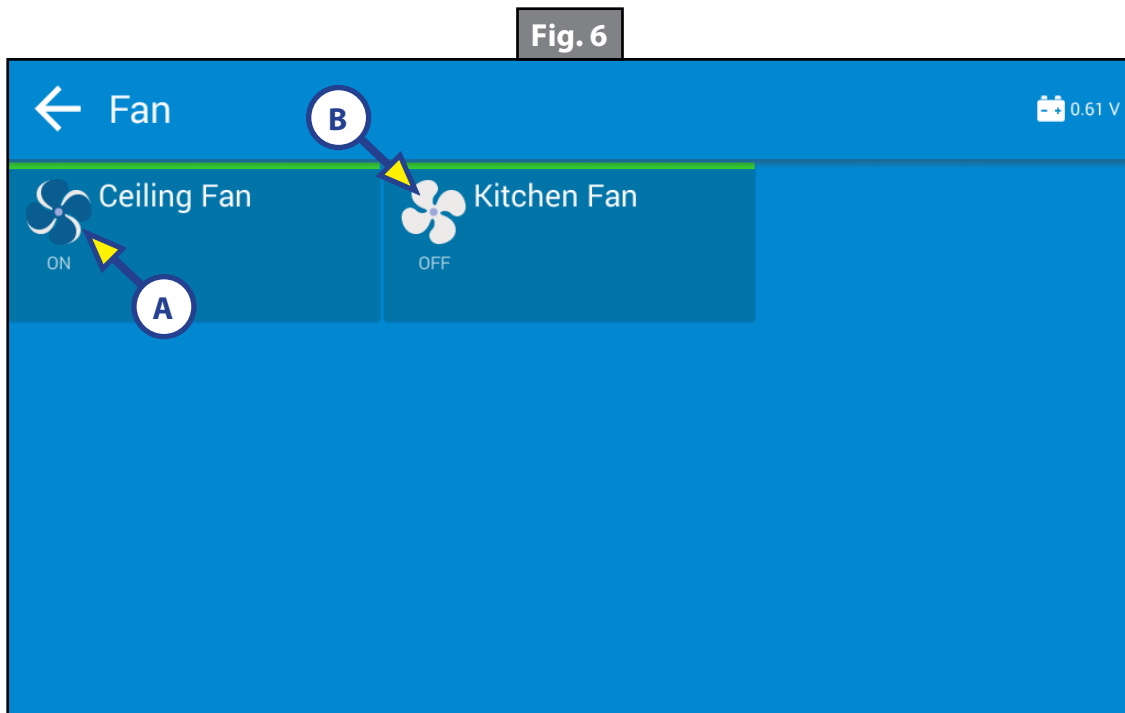
Fig. 4



3. Doors, if equipped:
 - A. Pressing the Doors icon (Fig. 2) will allow you to access the door lock control screen (Fig. 5).
 - B. Select a door to operate.
 - I. To lock the door, press the LOCK button (Fig. 5A).
 - II. To unlock the door, press the UNLOCK button (Fig. 5B).

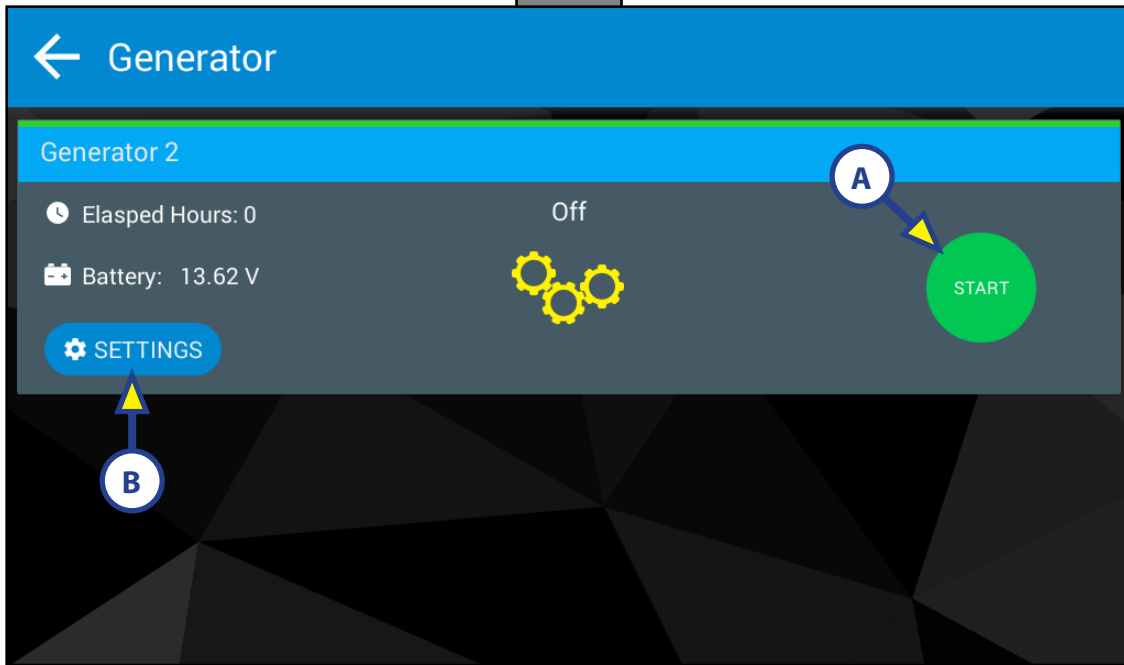


4. Fan, if equipped:
 - A. Pressing the Fan icon (Fig. 2) will allow you to access the fan control screen (Fig. 6).
 - B. Press a fan to turn it ON (Fig. 6A) or OFF (Fig. 6B).



5. Generator, if equipped:
 - A. Pressing the Generator icon (Fig. 2) will allow you to access the generator control screen (Fig. 7).
 - B. Select a generator to operate.
 - I. To start the generator, press the START button (Fig. 7A).
 - II. To access the auto-start menu and set maintenance intervals, choose auto-start voltage, etc., press the SETTINGS button (Fig. 7B) on the left side of the screen.

Fig. 7



6. HVAC, if equipped:
 - A. Pressing the HVAC icon (Fig. 2) will allow you to access the HVAC control screen (Fig. 8).
 - B. Select an HVAC zone to control (Fig. 8A).
 - C. Selecting a zone will bring you to the climate zone control screen.
 - I. Toggle the heating or cooling on or off by pressing the HVAC control button (Fig. 9A).
 - II. Adjust the fan strength by pressing the HVAC fan control button (Fig. 9B).

Fig. 8

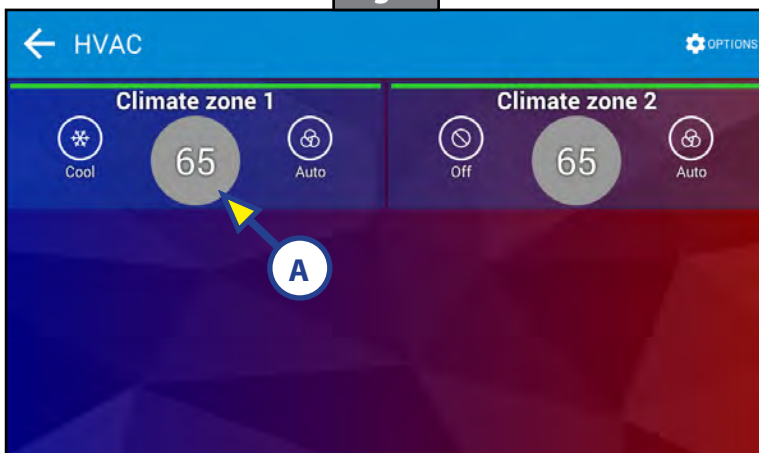
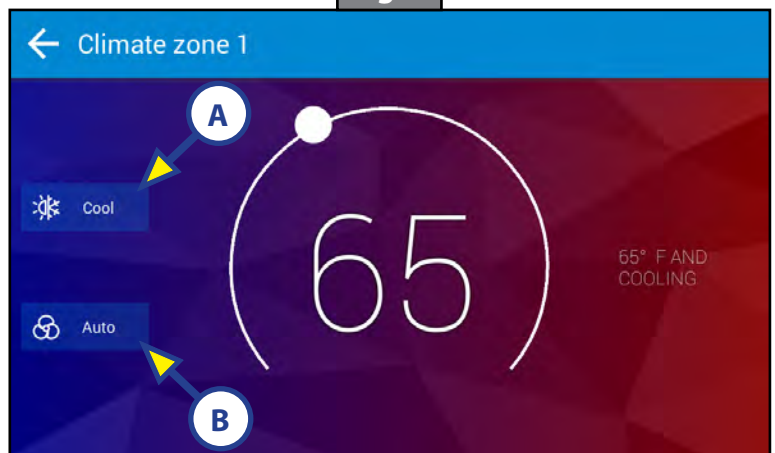


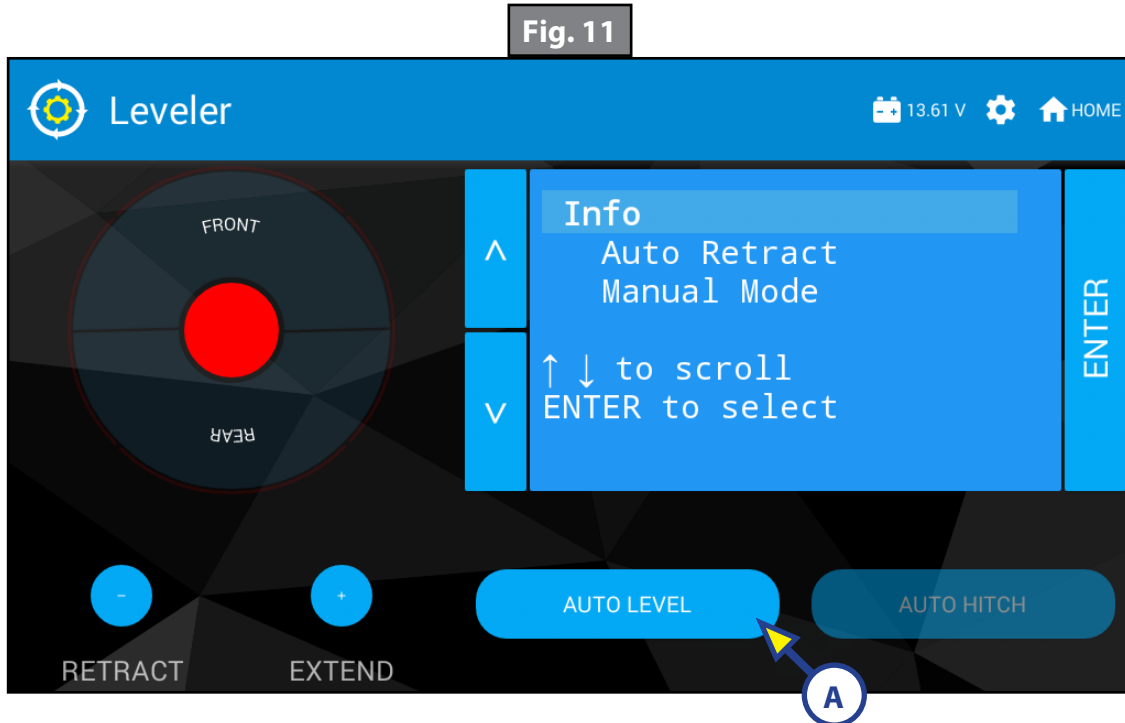
Fig. 9



7. Landing Gear, if equipped:
 - A. Pressing the Landing Gear icon (Fig. 2) to access the landing gear control screen (Fig. 10).
 - I. To extend the landing gear, press the EXTEND button (Fig. 10A).
 - II. To retract the landing gear, press the RETRACT button (Fig. 10B).



8. Levelers, if equipped:
 - A. Pressing the Levelers icon (Fig. 2) will allow you to access the leveling user interface (Fig. 11).
 - I. To level the unit, press the AUTO LEVEL button (Fig. 11A).



9. Lighting, if equipped:

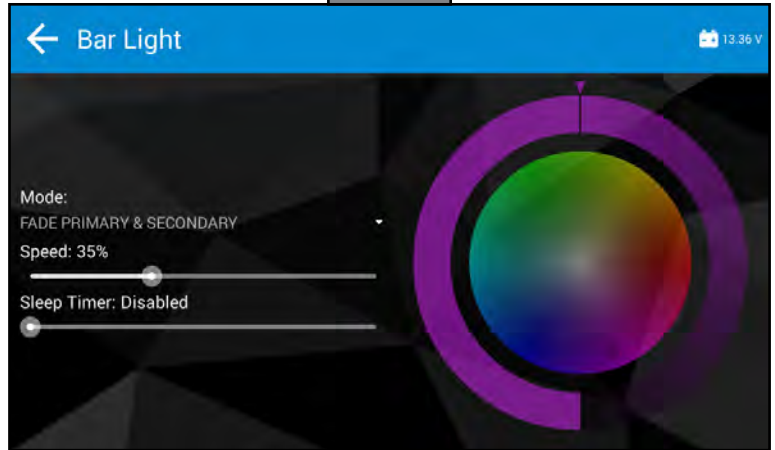
- A. Pressing the Lighting icon (Fig. 2) will allow you to access the lighting control screen (Fig. 12).
 - I. Pressing the highlighted ALL ON or ALL OFF (Fig. 12A) will turn all lights on or off.
 - II. Pressing the highlighted ON or OFF (Fig. 12B) will turn individual lights on or off.
 - III. If the unit is equipped with colored lighting, pressing the settings icon (ellipsis) (Fig. 12C) will allow the adjustment of the light name, mode, color, intensity and speed (Fig. 13).

NOTE: Status of individual lights is displayed by the light bulb to the left of the light name. The light icon will display a lit bulb (Fig. 12D) if the light is on and a dim bulb (Fig. 12E) if the light is off.

Fig. 12



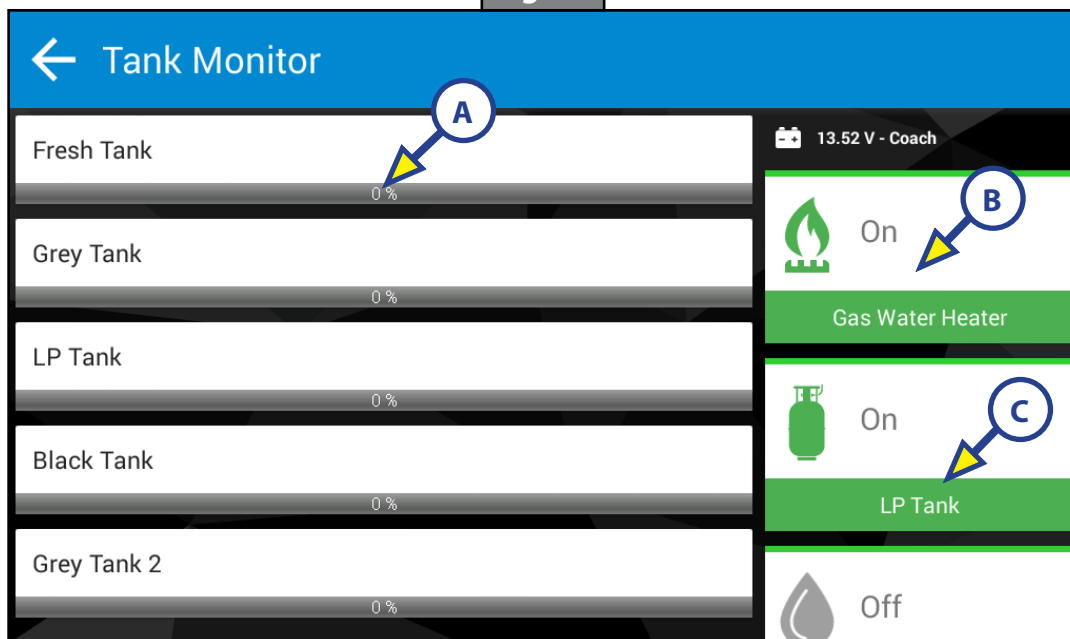
Fig. 13



10. Tank Monitor, if equipped:

- A. Pressing the Monitor Panel icon (Fig. 2) will allow you to access the tank monitor control screen (Fig. 14).
- B. The monitor tank capacity levels (Fig. 14A) to the left will show current fill levels for a given tank.
- C. Pressing the device buttons on the right (Fig. 14B) will activate the component. The icon to the right will turn green when the corresponding device is in use (Fig. 14C).

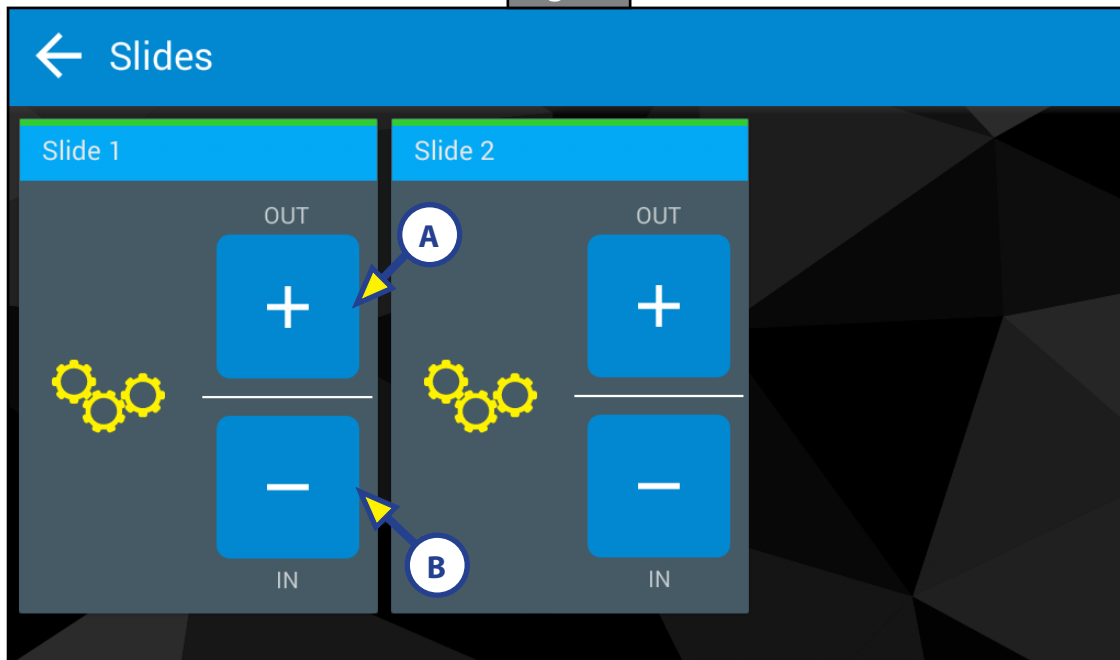
Fig. 14



11. Slides, if equipped:

- A.** Pressing the Slides icon (Fig. 2) will allow you to access the slide-out control screen (Fig. 15).
- B.** Select a slide-out to operate.
 - I.** Pressing OUT will extend the slide-out (Fig. 15A).
 - II.** Pressing IN will retract the slide-out (Fig. 15B).

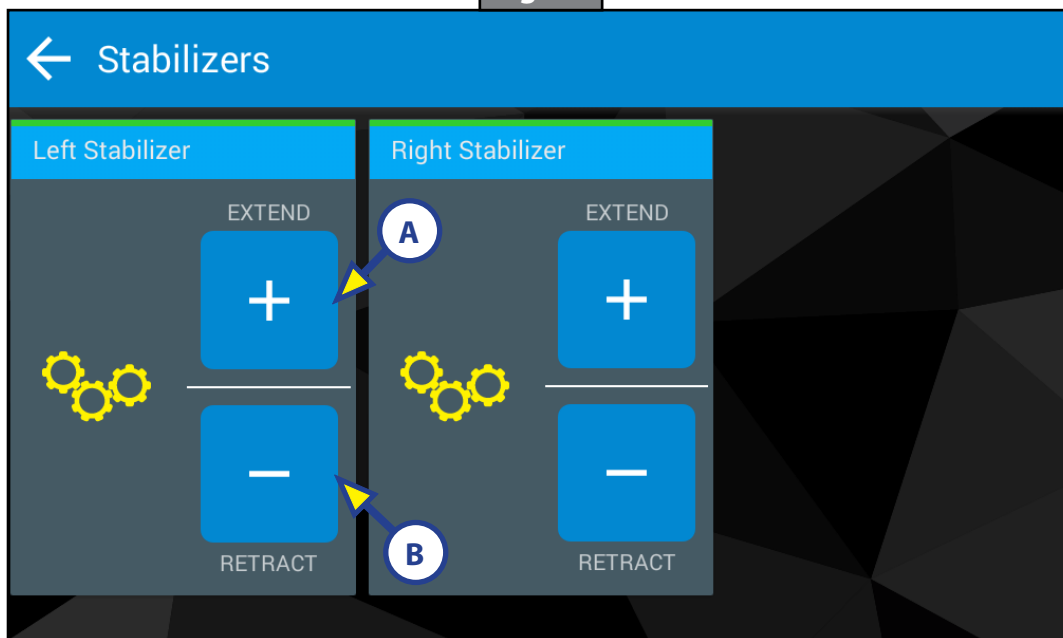
Fig. 15



12. Stabilizers, if equipped:

- A.** Pressing the Rear Stabilizer icon (Fig. 2) will allow you to access the rear stabilizer control screen (Fig. 16).
- B.** Select a stabilizer to operate.
 - I.** To extend the rear stabilizer, press the EXTEND button (Fig. 16A).
 - II.** To retract the rear stabilizer, press the RETRACT button (Fig. 16B).

Fig. 16



13. TV Lifts, if equipped:

- A.** Pressing the TV Lift icon (Fig. 2) will allow you to access the TV lift control screen (Fig. 17).
- B.** Select a TV lift to operate.
 - I.** To raise the TV lift, press the RAISE button (Fig. 17A).
 - II.** To lower the TV lift, press the LOWER button (Fig. 17B).

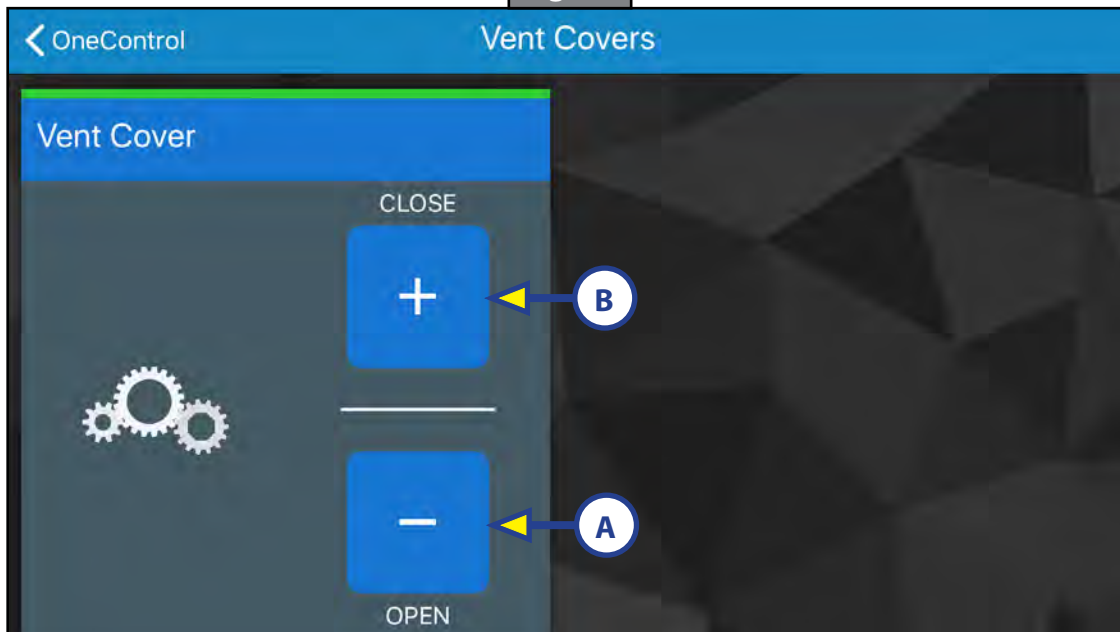
Fig. 17



14. Vent Covers, if equipped:

- A.** Pressing the Vent Covers icon (Fig. 2) will allow you to access the vent cover control screen (Fig. 18).
- B.** Select a vent cover to operate.
 - I.** To open the vent cover, press the OPEN button (Fig. 18A).
 - II.** To close the vent cover, press the CLOSE button (Fig. 18B).

Fig. 18



OneControl Resources

Pressing the MyRV icon (Fig. 2) will allow you to access the MyRV OneControl resources.

NOTE: The following documents and resources on the OneControl® Touch Panel are pre-loaded on the system at the time of manufacture. For the latest revisions, visit www.lci1.com.

There are various operation and information videos (Fig. 19A) including troubleshooting and maintenance guides (Figs. 19B and 20).

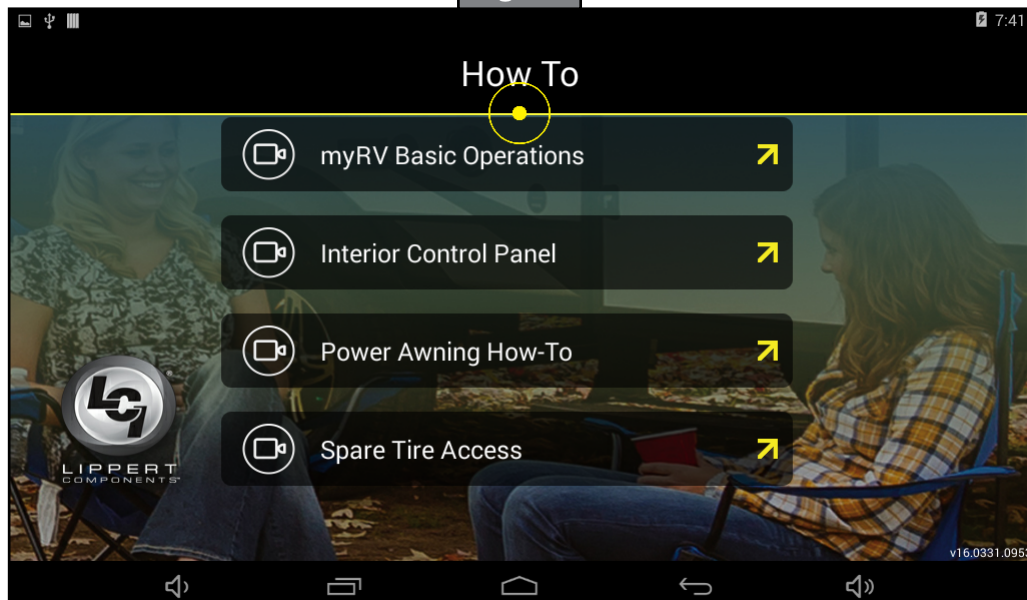
NOTE: Troubleshooting videos may not be specific to any unit.

Fig. 19



NOTE: Figure 19 image is modified to show full menu options.

Fig. 20



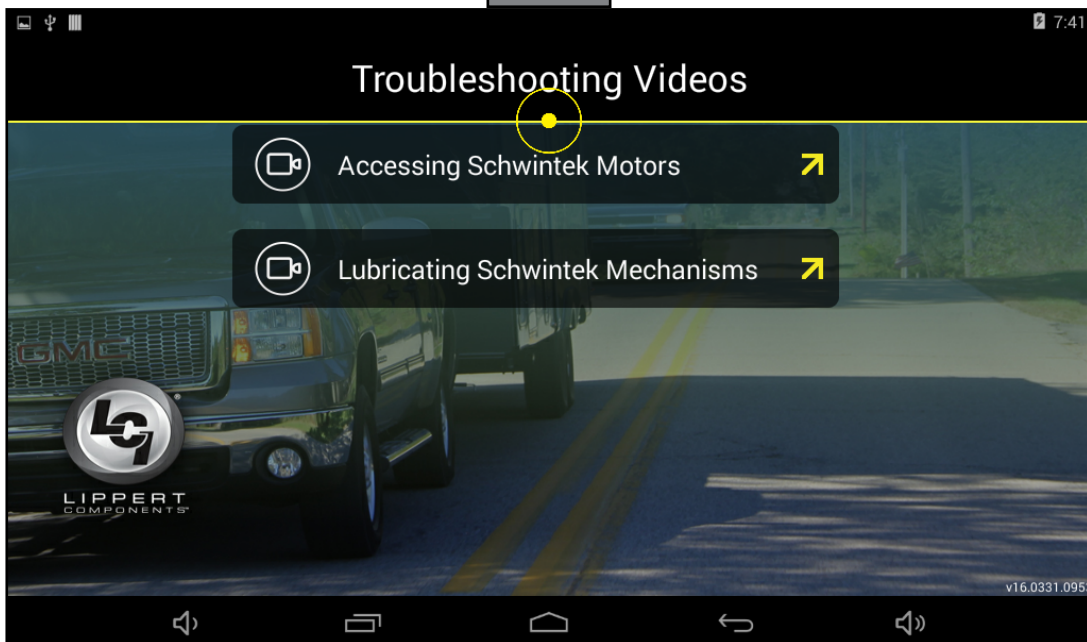
1. Owner's Manuals (Fig. 21); product documentation containing operation and basic troubleshooting (Fig. 22).

NOTE: Product documentation may not be specific to any unit.

Fig. 21



Fig. 22



2. Search Function (Fig. 23); searches the OneControl® tablet for any files (documentation, videos, images, etc.) containing the search term.

NOTE: Enter search terms into search pop-up and press the search button (Fig. 23A) to view all related files.

3. FAQs (Fig. 24); frequently asked questions with drop down answers.

NOTE: Press the question to reveal the answer and a link to more information.

Fig. 23

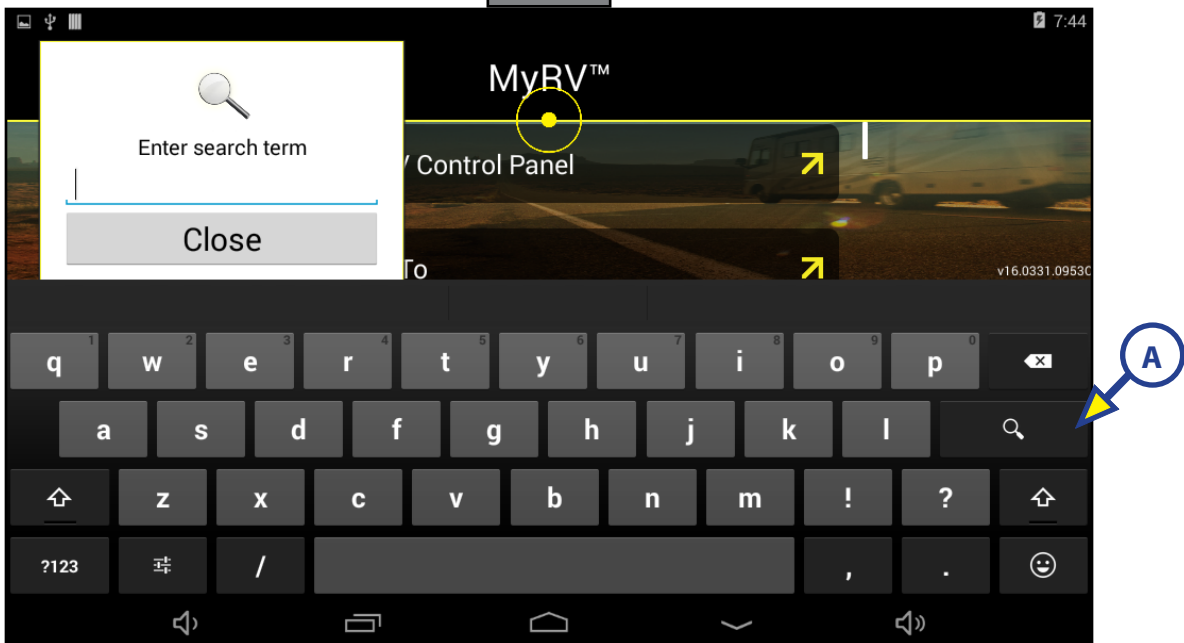
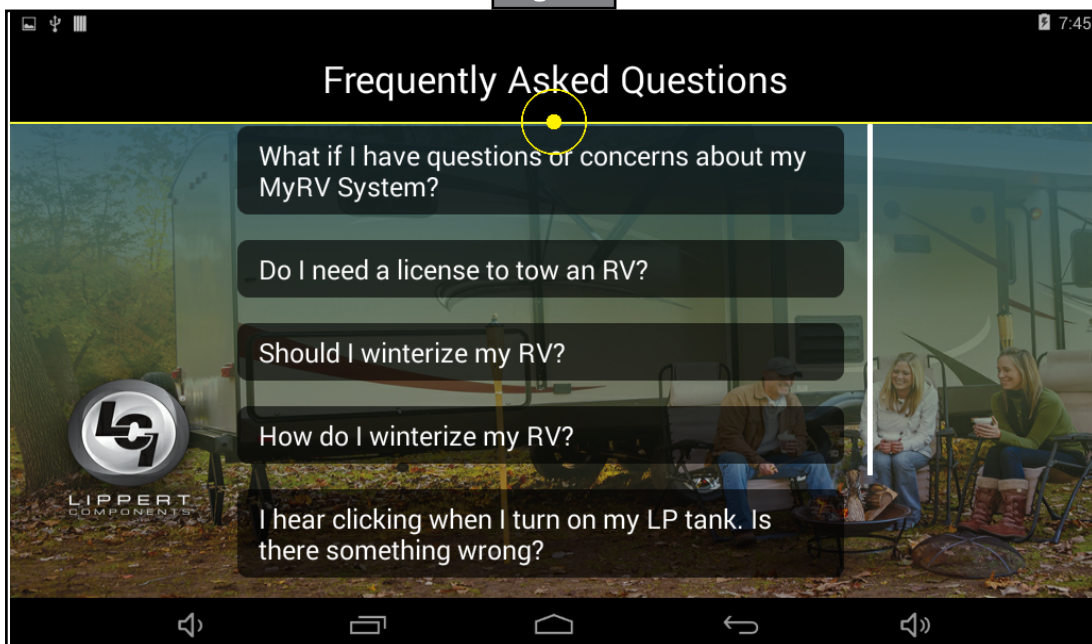


Fig. 24



4. Apps (Fig. 25); manage the tablet and information settings.
 - A. OneControl® Media Sync (Fig. 25A) allows the manufacturer to manage documentation supplied on OneControl®.
 - B. Set Date & Time (Fig. 25B) manages the clock and calendar settings.

Fig. 25





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ONECONTROL[®]
HVAC CONTROL 2.0
WITH GENERATOR GENIE
OWNER'S MANUAL



Scan for product support

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Introduction

The OneControl® (formerly MyRV®) Dual-zone Control module controls the operation of heating, ventilation and air conditioning (HVAC) systems. The module is available in 1-zone, 2-zone or 3-zone configurations. In conjunction with the OneControl® mobile application (app), MyRV® tablet, or the OneControl® Touch Panel (OCTP), the HVAC control module provides all of the same functions as a standard wall-mounted thermostat. The user interface is provided through the mobile app or OCTP application, while the physical/electrical functions are provided by the HVAC Control Module.

The module interconnects are identical to standard thermostat wiring, making this product an ideal drop-in replacement for customers who wish to upgrade their system to a modern app-driven touchscreen interface. In addition to thermostat wiring, an external temperature sensor is also required, allowing the HVAC Control Module to be installed in an equipment bay or other out-of-the-way location. The temperature sensor must be installed in a suitable location in the living area whose temperature is to be controlled.

Plug-and-play compatibility with Lippert OneControl® CAN bus systems means that you can remotely control the system from a wide variety of Lippert products. The climate zone name can be customized at the factory to show the zone being accessed.

Installation of Wi-Fi capable OneControl® system grants customers the ability to wirelessly control the product using their Android or iPhone mobile device. Simply go to the app store and download the OneControl® mobile app.

Additional information about this product can be obtained from lci1.com/support or by downloading the free LippertNOW app. The app is available on Apple App Store® for iPhone® and iPad® and also on Google Play™ for Android™ users.

Apple App Store®, iPhone®, and iPad® are registered trademarks of Apple Inc.
Google Play™ and Android™ are trademarks of Google Inc.

For additional support on this product, please visit:
<https://support.lci1.com/onecontrol-wireless-formerly-myrv>.

NOTE: Images used in this document are for reference only when assembling, installing and/or operating this product. Actual appearance of provided and/or purchased parts and assemblies may differ.

Safety

Read and understand all instructions before installing or operating this product. Adhere to all safety labels.

This manual provides general instructions. Many variables can change the circumstances of the instructions, i.e., the degree of difficulty, operation and ability of the individual performing the instructions. This manual cannot begin to plot out instructions for every possibility, but provides the general instructions, as necessary, for effectively interfacing with the device, product or system. Failure to correctly follow the provided instructions may result in death, serious personal injury, severe product and/or property damage, including voiding of the Lippert limited warranty.

⚠ CAUTION

This HVAC control device requires 12V direct current (DC) and cannot operate from alternating current (AC) sources. Do NOT connect the HVAC control device to AC power. Connecting the module to AC will cause irreparable damage, and void the warranty.

Compatibility

The HVAC control unit is compatible with the following appliances:

1. Single-stage LP gas furnaces with self-contained fan control.
2. Conventional air conditioning units with one or two-speed fans.
3. Combination air conditioning/heat pump units with one or two-speed fans.

Specifications	Min	Typical	Max	Units
Operating Supply Voltage	9	13.8	18	Volts DC
Operating Temperature Range	14 (-10)		113 (+45)	°F (°C)
Quiescent Current		30	45	mA DC
Sink Current (Generator)		1.2	2.0	A DC
Focused Relay Drive Current			1.5	A DC

Specifications

The HVAC control unit includes a "capabilities" switch which must be set to correspond with the attached equipment. The switch settings are as follows:

Switch Function	When "OFF"	When "ON"	Note
Dual Speed Fan	Fan is High-speed only	Fan has a Low Speed wire	
Heat Pump (HP)	Unit (if present) is AC only	Rooftop AC Unit includes HP	Orange wire
AC Unit Present	No AC unit in this zone	This zone has AC	HP setting ignored
Furnace Present	No furnace in this zone	This zone has gas furnace	Furnace has own fan

HVAC Operation - OneControl® Touch Panel

NOTE: When using the OneControl® HVAC system, all of the controls you would normally find on your thermostat will be in the HVAC app on your OneControl® Touch Panel.

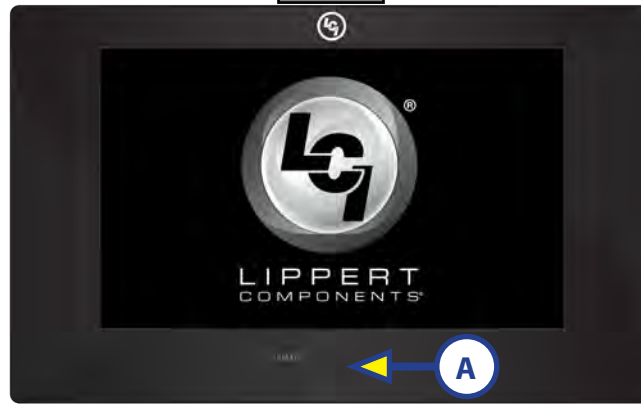
Power On/Off

1. The device can be powered on or off using the button on the front of the device (Fig.1A).

NOTE: It will take a few moments to start up and load the system.

2. To enter or exit sleep mode, press and release the power button (Fig. 1A).

Fig. 1



Control Panel

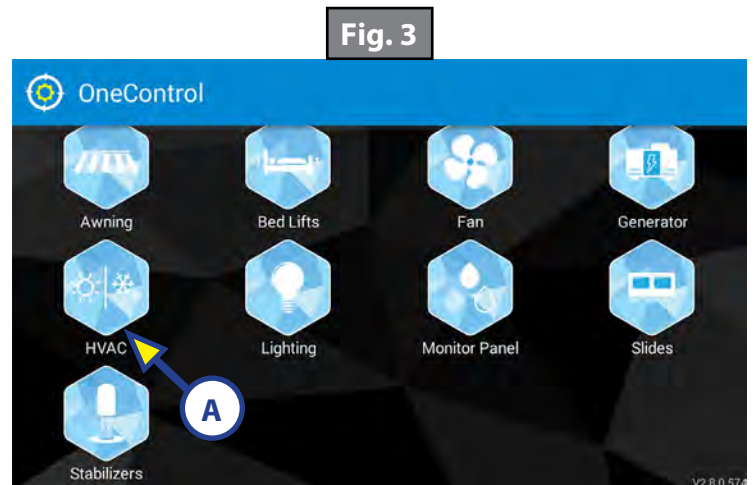
1. Locate "OneControl® (formerly MyRV) Control Panel" (Fig. 2A).
2. Pressing the "OneControl® Control Panel" (Fig. 2A) will open the "OneControl® Control Panel" (Fig. 3).
3. Press the HVAC icon (Fig. 3A).

NOTE: The control panel will show icons representing the devices connected to the OneControl® system.

Fig. 2



Fig. 3



System Operations

NOTE: Push the applications "Home" icon (Fig. 4A) to return to the OneControl® home screen.

Fig. 4

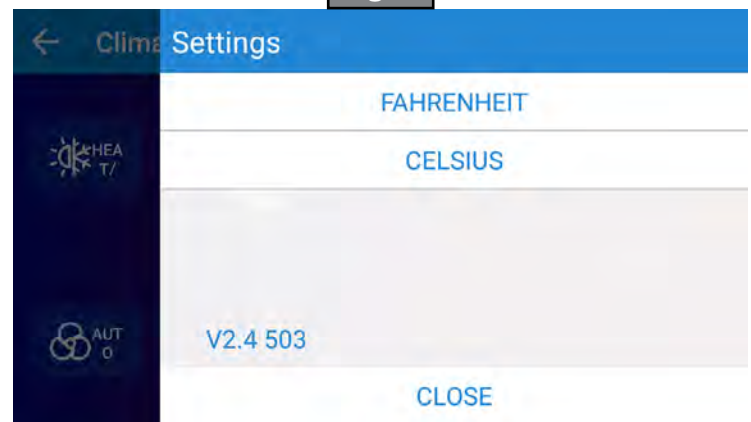


1. In the OneControl® home screen, select the HVAC icon to open the app (Fig. 3A).
2. In the HVAC app screen, select the Climate Zone you wish to adjust (Fig. 5).
3. There are two boxes on the left-hand side of the screen (Fig. 6). The top box controls the heating/cooling mode. The bottom box controls the fan.
 - A. Press the top box to choose the HVAC mode. A large box will populate with all available options for that Climate Zone. Choose from the following:
 - I. **Heat/Cool** - In this mode choose a High and Low setpoint and the HVAC system will operate to keep the temperature between those two setpoints.
 - II. **Heat** - In this mode you can choose your desired set point and the furnace or heat pump will operate to keep the temperature at that set point. If equipped with a heat pump, there will be a prompt to choose a heat source. The options are Gas or Heat Pump.
 - III. **Cool** - In this mode choose a desired setpoint and the AC will operate to keep the temperature at that setpoint.
 - IV. **Off** - This setting turns the HVAC system off completely.

Fig. 5



Fig. 6



- B. Once the desired mode has been selected, press the "Close" button on the right (Fig. 6).
- C. Press the bottom of the two boxes on the right. A large box will populate with all available fan settings. Choose from the following:
 - I. **High Fan** – The high fan will run continuously until another setting is chosen.
 - II. **Low Fan** – The low fan will run continuously until another setting is chosen.
 - III. **Auto** – The fan will run when the HVAC system calls for heating or cooling and then shut off after the set point is reached.

NOTE: The fan will continue to run for two minutes after the setpoint has been reached to cool the compressor/furnace.

- D. Once the desired fan setting has been selected, press the "Close" button on the left.

4. In the center of the screen is a temperature with a radius around it. On that radius there is a white circle (Fig. 7). To adjust the setpoint:
 - E. Press and hold the white circle to drag it around the radius. Clockwise around the radius will raise the setpoint temperature. Counterclockwise around the radius will lower the setpoint temperature.
 - F. Once the desired setpoint is reached, release the white circle.
- NOTE:** When in "Heat/Cool" mode there will be two white circles (Fig. 8). One to the left sets the low end of the temperature range and one to the right sets the high end of the temperature range.
5. To the right of the setpoint temperature and radius is the system status displayed.
Examples: Currently 78° F and cooling; Currently 65° F and Heating with gas; Currently 72° F and idle.

Fig. 7

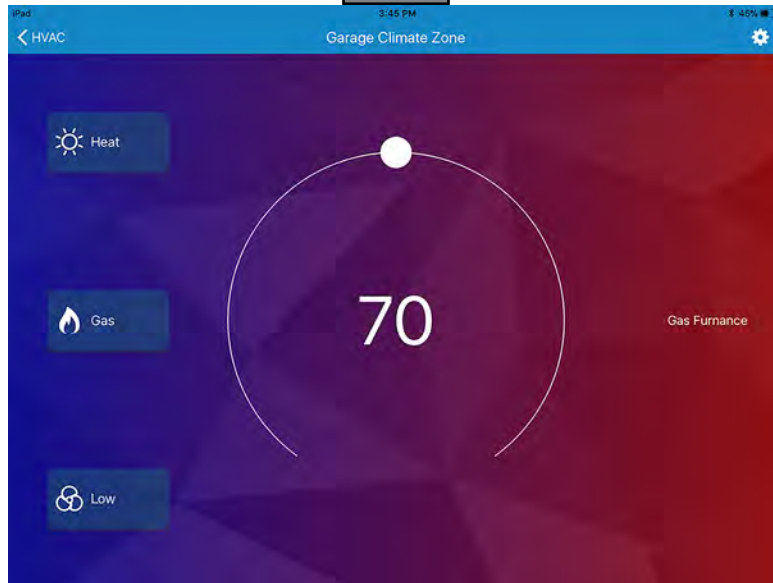
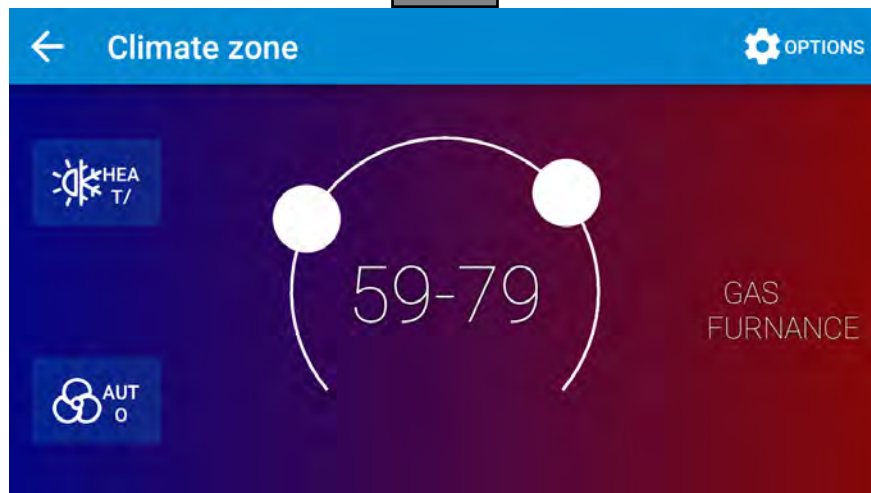


Fig. 8



Wiring Diagram

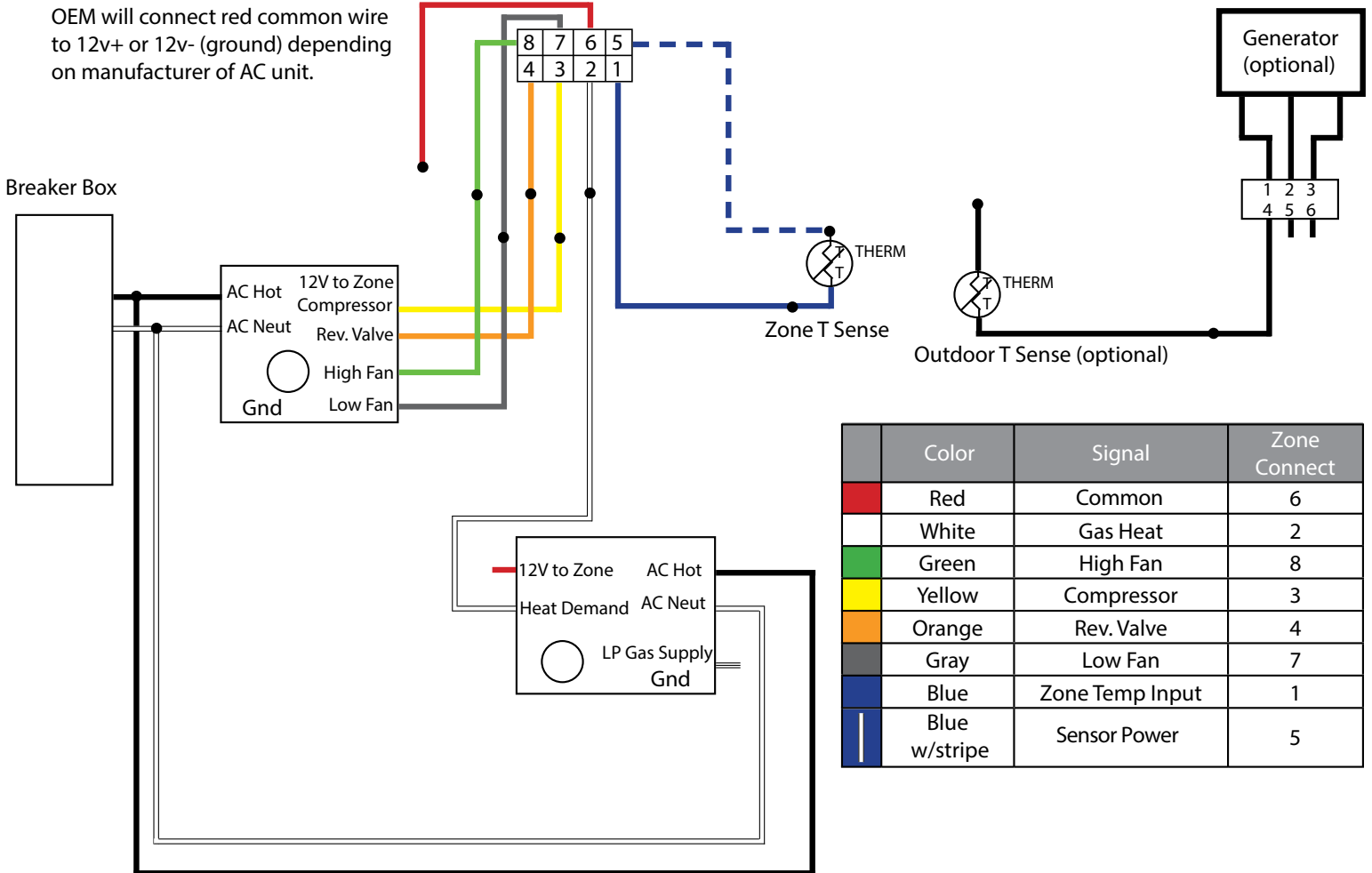
The following diagrams show the possible appliance connections depending on the OEM installed controller.

Fig. 9

OneControl® HVAC Triple Zone Wiring Diagram Furnace, AC, Heatpump, Dual-speed Fan

Zone Connector (715845 Controller)

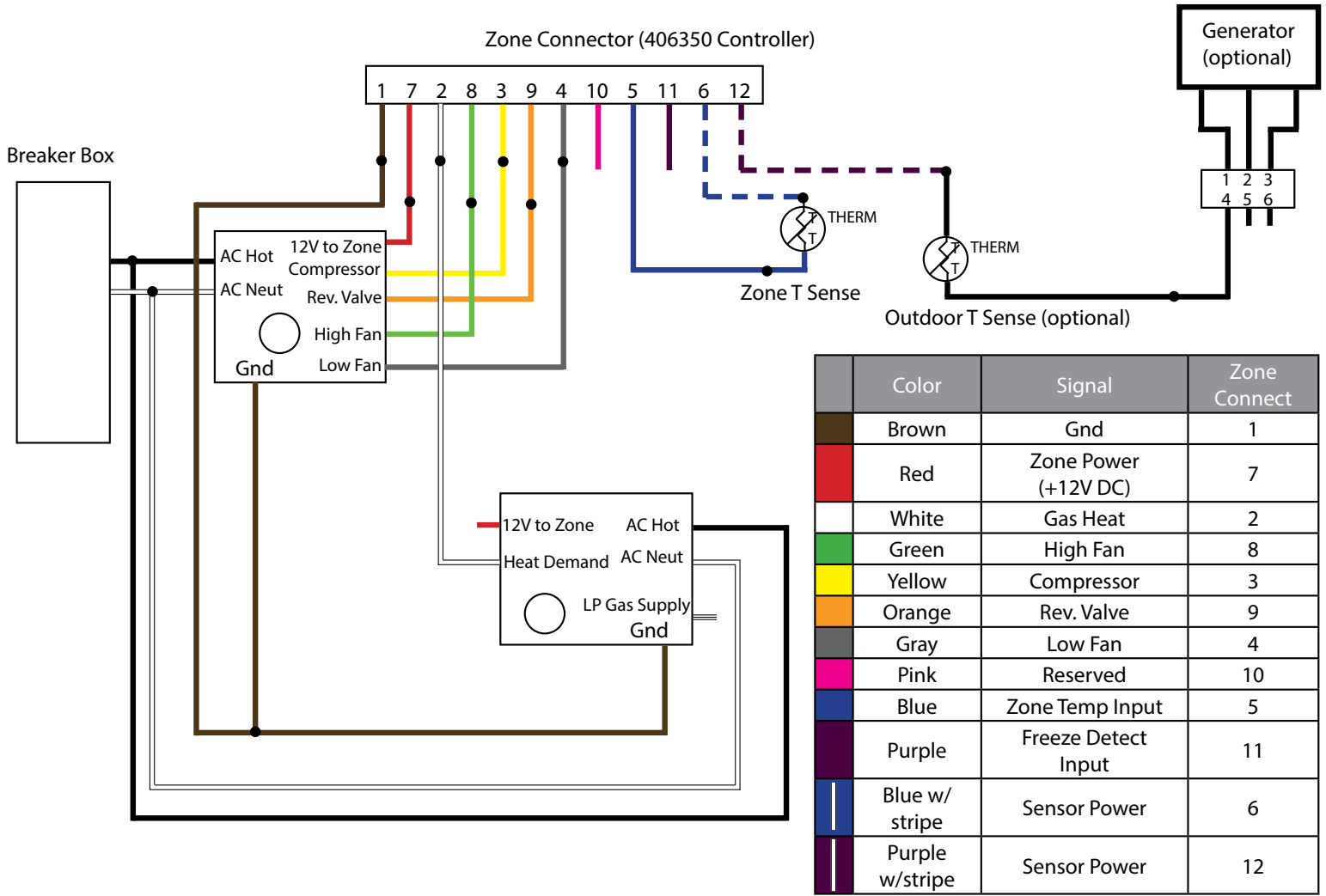
OEM will connect red common wire to 12V+ or 12V- (ground) depending on manufacturer of AC unit.



	Color	Signal	Zone Connect
	Red	Common	6
	White	Gas Heat	2
	Green	High Fan	8
	Yellow	Compressor	3
	Orange	Rev. Valve	4
	Gray	Low Fan	7
	Blue	Zone Temp Input	1
	Blue w/stripe	Sensor Power	5

Fig. 10

OneControl® HVAC Zone Wiring Diagram
Furnace, AC, Heatpump, Dual-speed Fan





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ONECONTROL[®]
UNITY BOARD[™] M Series

Rev. Q

OWNER'S MANUAL



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Introduction

The OneControl® Touch Panel is a touchscreen device that accesses system controls and monitoring software for recreational vehicles. The OneControl Unity Board™ is an electronic control system that provides direct power, control, monitoring and diagnostics for coach functions, including awnings, lighting, fans, HVAC, generators, water tanks, water pumps, tank heaters and battery levels. Each slide-out is controlled by its own module that is linked to the system via CAN network. Powering up the coach will also turn on the OneControl Touch Panel and the various controllers throughout the coach.

Additional information about this product can be obtained from lci1.com/support or by downloading the free LippertNOW app. The app is available on Apple App Store® for iPhone® and iPad® and also on Google Play™ for Android™ users.

Apple App Store®, iPhone®, and iPad® are registered trademarks of Apple Inc.
Google Play™ and Android™ are trademarks of Google Inc.

For additional support on this product, please visit: <https://support.lci1.com/onecontrol-wireless-formerly-myrv>.

NOTE: Images used in this document are for reference only when assembling, installing and/or operating this product. Actual appearance of provided and/or purchased parts and assemblies may differ.

Safety

Read and understand all instructions before installing or operating this product. Adhere to all safety labels. This manual provides general instructions. Many variables can change the circumstances of the instructions, i.e., the degree of difficulty, operation and ability of the individual performing the instructions. This manual cannot begin to plot out instructions for every possibility, but provides the general instructions, as necessary, for effectively interfacing with the device, product or system. Failure to correctly follow the provided instructions may result in death, serious personal injury, severe product and/or property damage, including voiding of the Lippert limited warranty.



The “WARNING” symbol above is a sign that an installation procedure has a safety risk involved and may cause death, serious personal injury or severe product or property damage if not performed safely and within the parameters set forth in this manual.

CAUTION

Moving parts can pinch, crush or cut. Keep clear and use caution.

Operation

The OneControl Touch Panel will be launched upon startup of the coach. The home screen will appear on startup (Fig. 1) with icons representing systems controlled by the Unity Board.

The device can be powered on or off using the power button (Fig. 1A) on the front of the touch panel.

NOTE: Stabilizers are optional equipment on some models/floor plans. The Stabilizers icon will only populate if that feature is available.

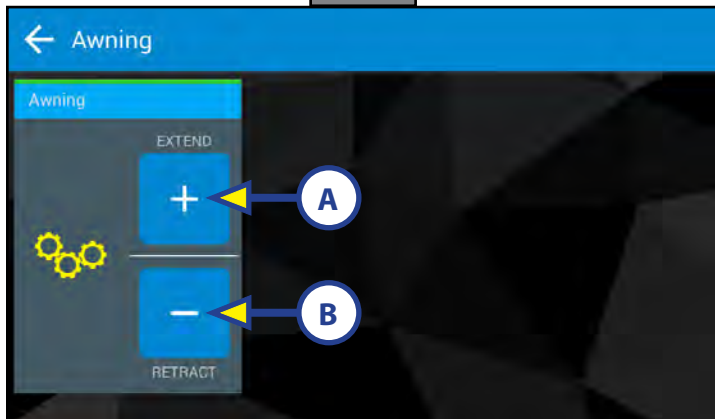
To operate a system, press the icon representing that system. After accessing and adjusting a system via a touchscreen icon, push the Home icon in the center of the bottom row of the touchscreen to return to the OneControl home screen.



Awning

1. Press the Awning icon.
2. Press the EXTEND (+) button (Fig. 2A) to extend the awning and press the RETRACT (-) button (Fig. 2B) to retract the awning.

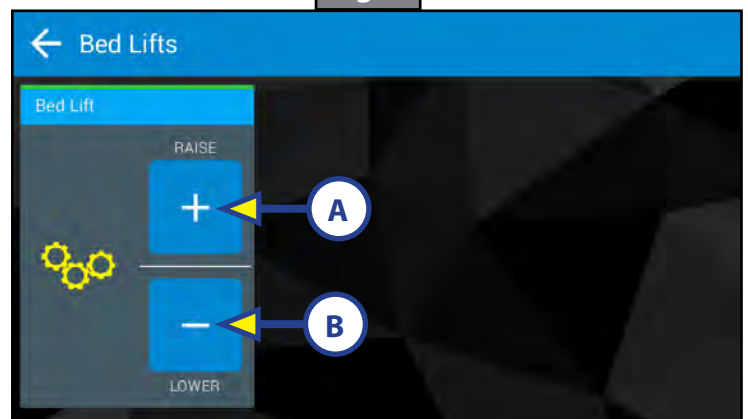
Fig. 2



Bed Lifts

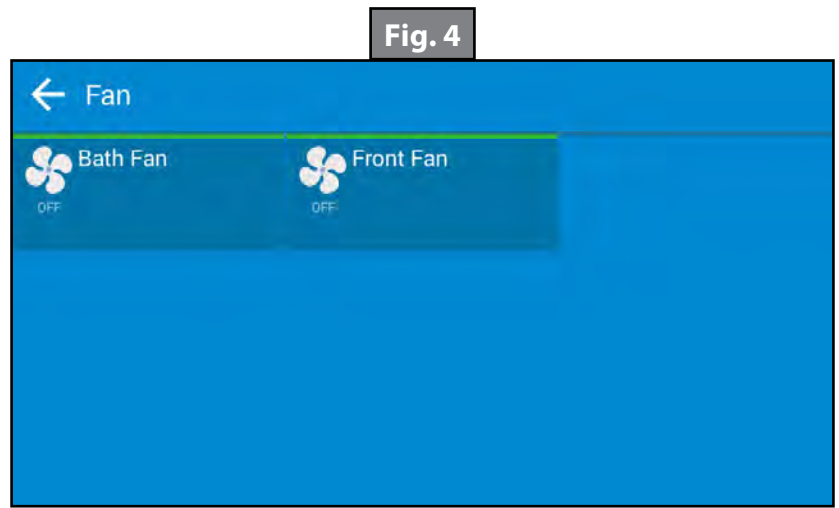
1. Press the Bed Lifts icon to access the Bed Lift screen.
2. Press RAISE (Fig. 3A) to raise the bed and press LOWER (Fig. 3B) to lower the bed.

Fig. 3



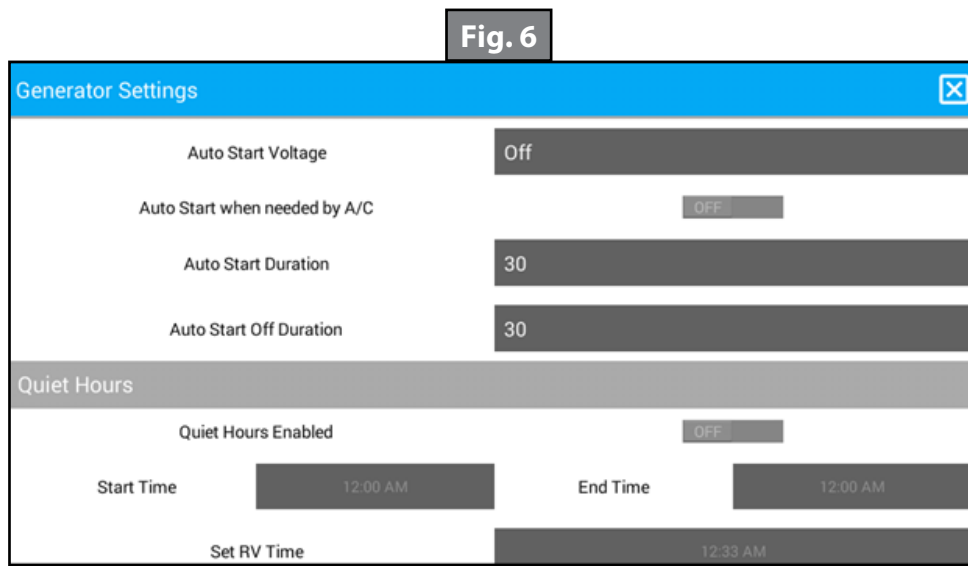
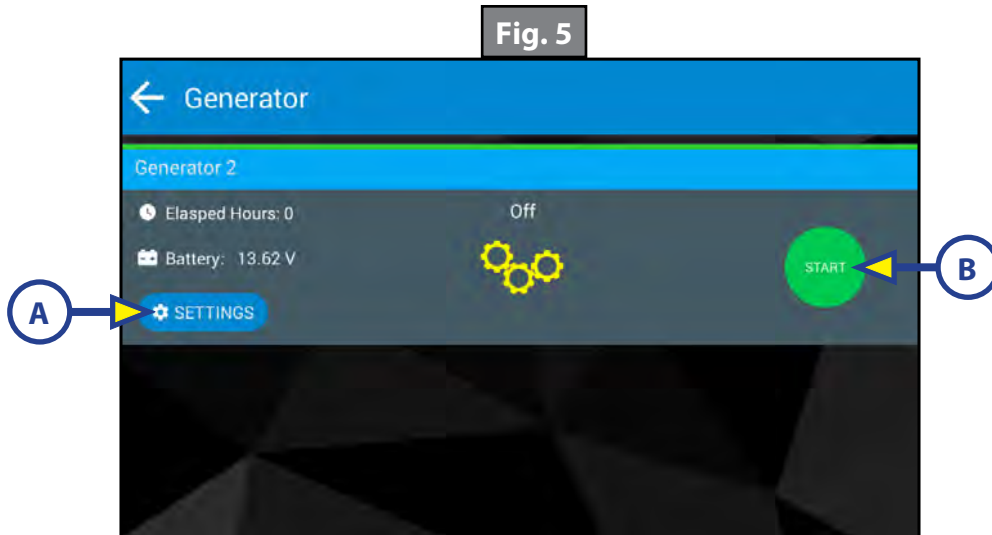
Fans

1. Press the Fan icon to access the Fan screen.
2. Select a fan and then press the button to turn on the fan (Fig. 4). Press again to turn the fan off.



Generator

1. Press the Generator icon to access the Generator screen (Fig. 5).
2. Press the SETTINGS button (Fig. 5A).
3. Adjust the generator according to user preference (Fig. 6).
4. Press the START/STOP icon (Fig. 5B) on the right side of the screen to run or stop the generator.



HVAC (Heating, Ventilation, Air Conditioning)

1. Press the HVAC icon.
2. Press the Climate zone displayed (Fig. 7).
3. There are two boxes on the left side of the screen (Fig. 8). The top box (Fig. 8A) controls the heating/cooling mode. The bottom box (Fig. 8B) controls the fan. Press the top box to choose the HVAC mode. A large box will populate with available options for that climate zone (Fig. 8).
 - A. Heat/Cool: This mode provides High and Low set points. The HVAC system will operate to keep the temperature between these two set points. Refer to step 5C.
 - B. Heat (Fig. 8C): This mode has a single set point and the furnace or heat pump will operate to keep the temperature at that set point.

NOTE: If equipped with a heat pump, users will be prompted to choose a heat source (Fig. 8D). The options are Gas or Heat Pump.

Fig. 7

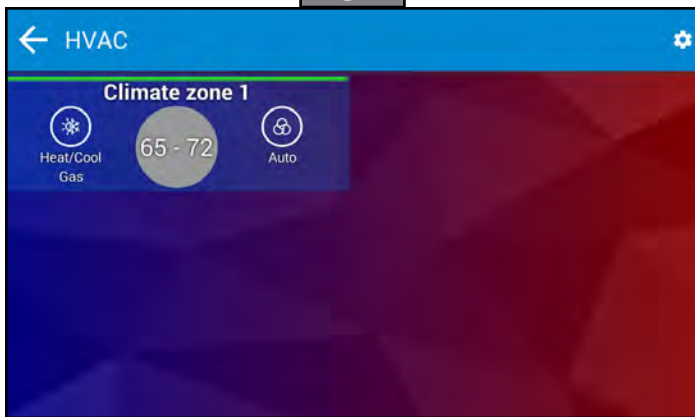
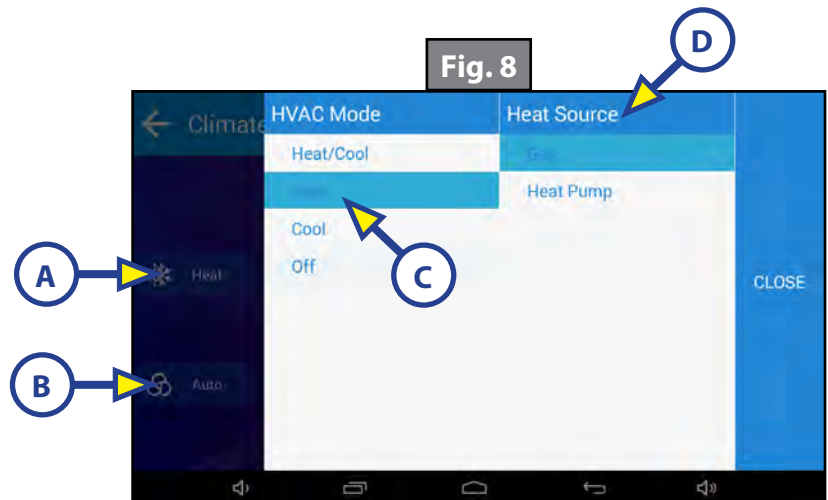


Fig. 8



- C. Cool (Fig. 9A): This mode has a single set point and the air conditioning will operate to maintain the temperature at this point.
 - D. Off (Fig. 9B): Tapping this button turns off the HVAC system.
 - E. Once the desired mode is selected, press the CLOSE button (Fig. 9C) on the right.
4. Press the bottom of the two boxes on the left (Fig. 8B) to choose the Fan mode. A large box will populate with available fan settings (Fig. 10).
 - A. High (Fig. 10A): The fan will run continuously on high until another setting is chosen.
 - B. Low (Fig. 10B): The fan will run continuously on low until another setting is chosen.
 - C. Auto (Fig. 10C): The fan will run when the HVAC system calls for heating or cooling, then shuts off after the set point is reached.

NOTE: The fan will continue to run for two minutes after the set point has been reached in order to cool the compressor or furnace.

- D. Once the desired fan setting has been selected, press the CLOSE button (Fig. 10D) on the right.

Fig. 9

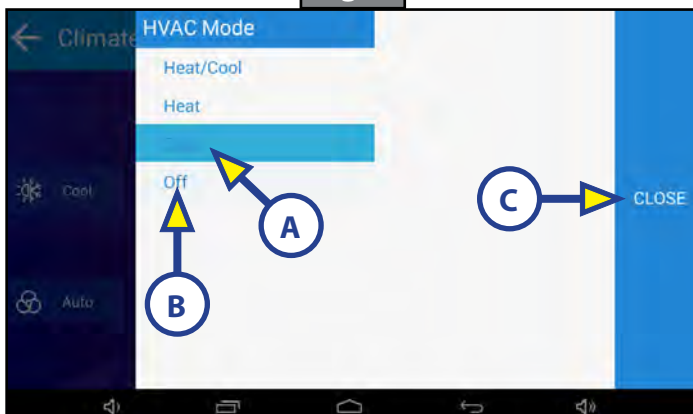
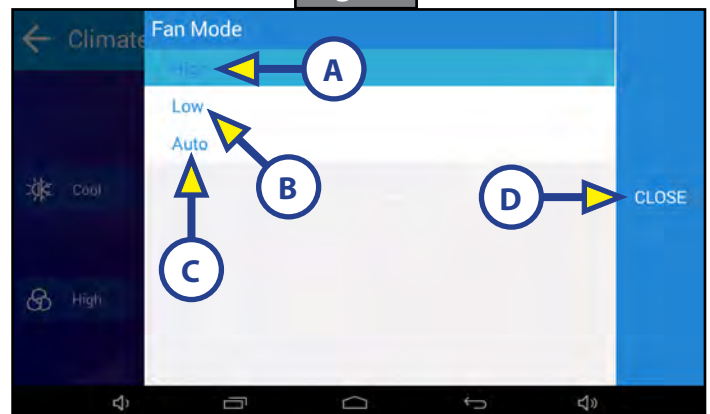


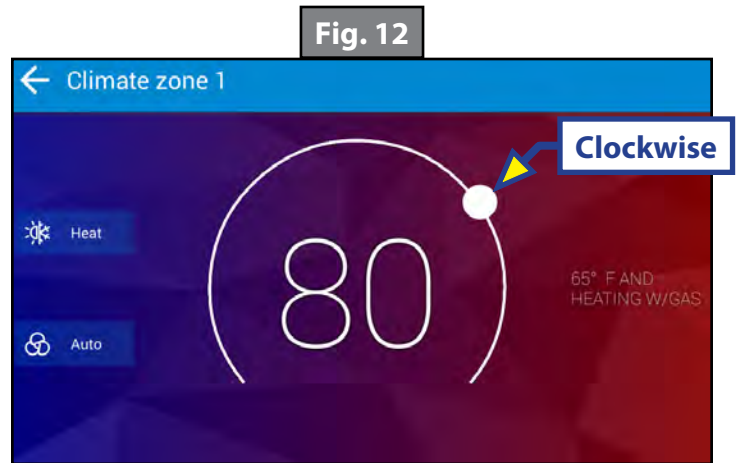
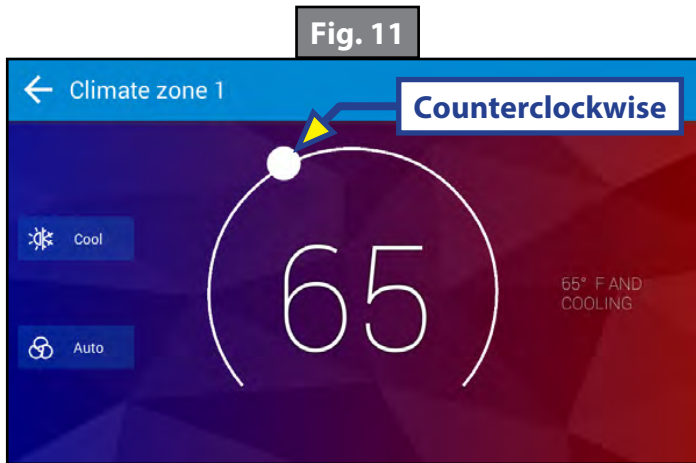
Fig. 10



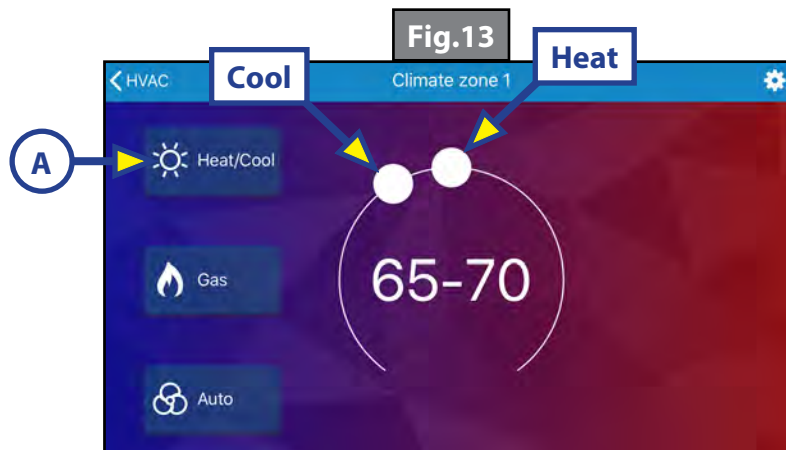
5. Adjust the set points for the climate zone by updating the display.

NOTE: The adjusted temperature for the climate zone will be displayed inside a radius with a white dot on it (Figs. 11 and 12).

- A. Press and hold the white dot, then drag it around the radius (Figs. 11 and 12) to set the climate zone's temperature set point.
 - I. Dragging the dot counterclockwise will lower (cooler) (Fig. 11) the set temperature.
 - II. Dragging the dot clockwise around the radius will raise (hotter) (Fig. 12) the set temperature.
- B. Once the desired set point is reached, release pressure on the white dot.

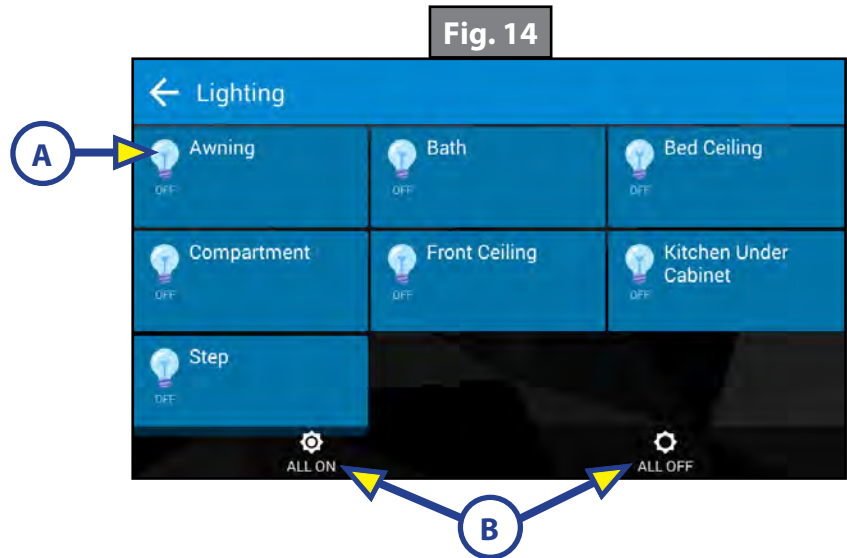


- C. Two white dots will appear (Fig. 13) when in Heat/Cool mode (Fig. 13A).
 - I. Set the low end (cool) of the temperature range by moving the left dot counterclockwise.
 - II. Set the high end (heat) of the temperature range by moving the right dot clockwise.



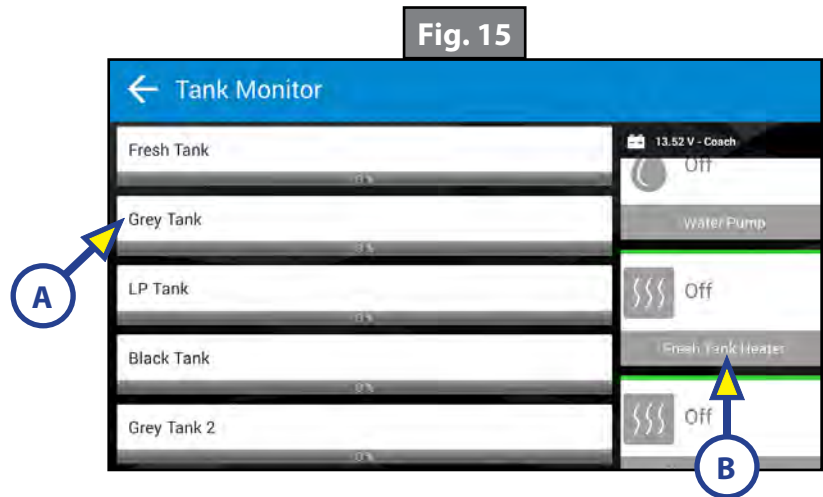
Lighting

1. Press the Lighting icon to access the Lighting screen (Fig. 14).
- NOTE:** Individual light status is displayed by a light bulb to the left of the light's name (Fig. 14A). The light icon will display a lit bulb if the light is on or a dim bulb if the light is off.
2. Pressing the individual light buttons will turn that light on or off.
3. Pressing the highlighted ALL ON or ALL OFF icons (Fig. 14B) will turn all lights on or off.



Monitor Panel

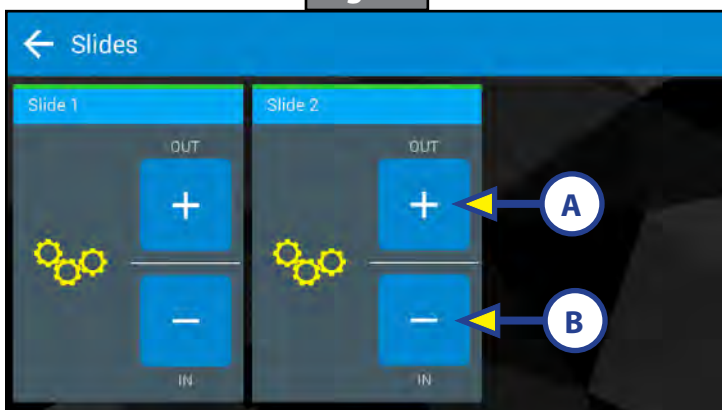
1. Press the Monitor Panel icon to access the Tank Monitor screen (Fig. 15).
 2. The monitored systems (Fig. 15A) will display the status of the various tanks.
 3. Press the buttons on the right to turn on or off a specific component (Fig. 15B).
- NOTE:** The icons will light up when the corresponding device is in use.



Slides

1. Press the Slides icon to access the Slides screen (Fig. 16).
2. Select a slide-out to operate.
 - A. Press the OUT (+) button (Fig. 16A) to extend the slide-out.
 - B. Press the IN (-) button (Fig. 16B) to retract the slide-out.

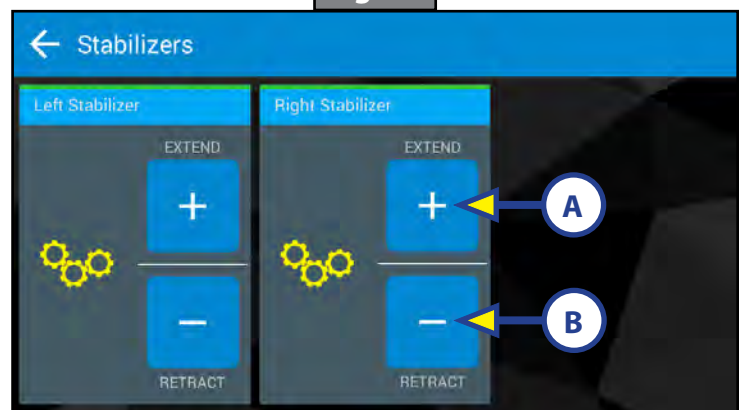
Fig. 16



Stabilizers

1. Press the Stabilizers icon to access the Stabilizers screen (Fig. 17).
2. Select a stabilizer to operate.
 - A. Press EXTEND (Fig. 17A) to extend the stabilizer.
 - B. Press RETRACT (Fig. 17B) to retract the stabilizer.

Fig. 17



Bluetooth Connection

After installing the Lippert OneControl app from the Apple app store or the Google Play store, open OneControl to start the procedure to connect a smart device to Bluetooth.

NOTE: The minimum requirements for the smart device are IOS 9.0 or Android 5.0 with Bluetooth 4.0.

1. Tap the I ACCEPT button (Fig. 18A) on the End User License Agreement (EULA) view.
2. Tap the GET STARTED button (Fig. 19A) on the Welcome screen.
3. Select BLUETOOTH (Fig. 20A) when prompted.
4. Find the system name (Fig. 21A) that matches the ID supplied on the OneControl Bluetooth system.
5. Enter the password (Fig. 22A) included on the OneControl wireless system.
6. Type in a PIN number (Fig. 23) to prevent unintended access to the coach.
7. After OneControl has successfully connected, tap the CONTINUE button to finish the setup.

Fig. 18

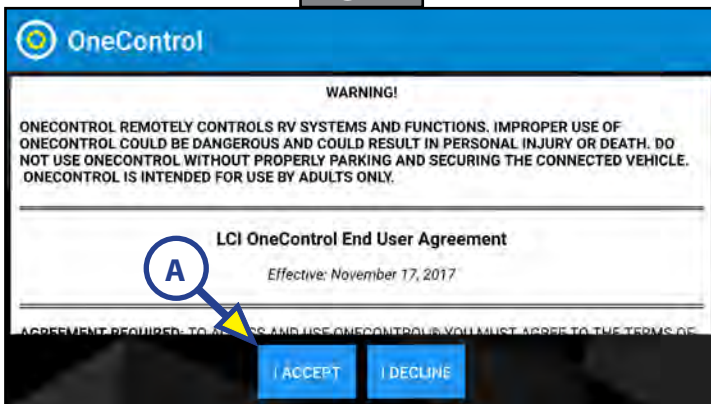


Fig. 19

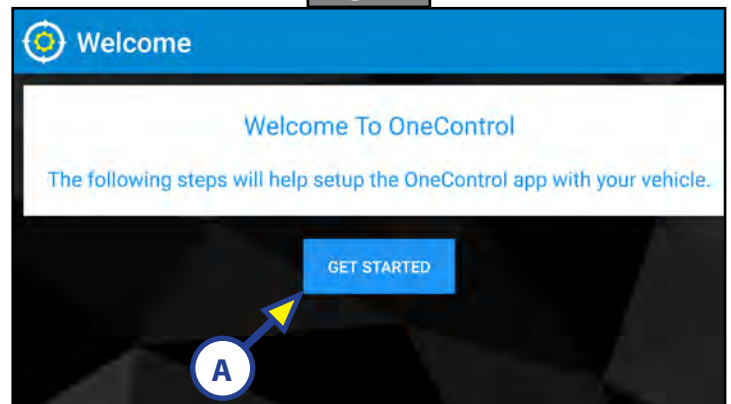


Fig. 20

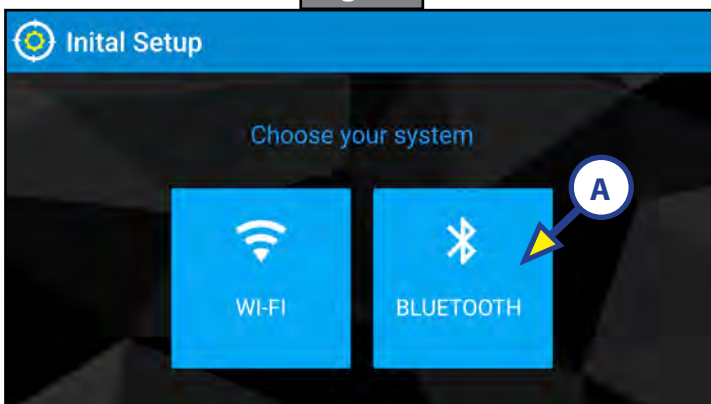


Fig. 21

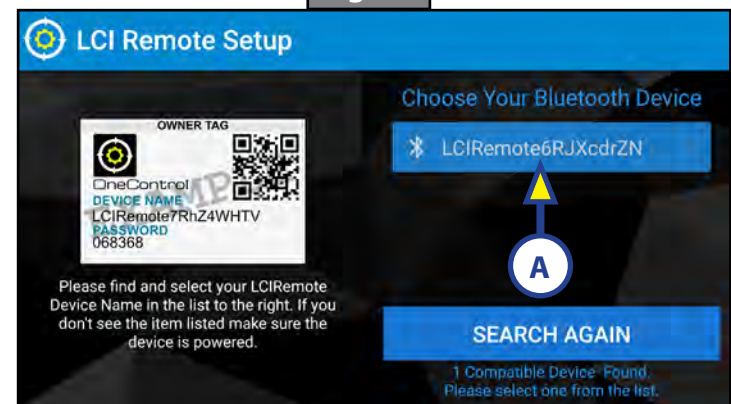


Fig. 22

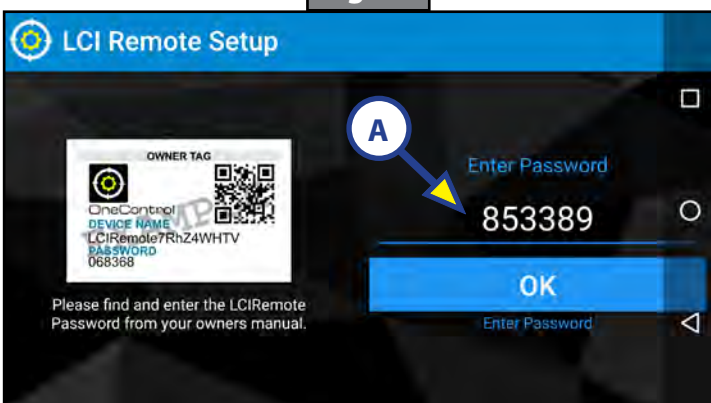
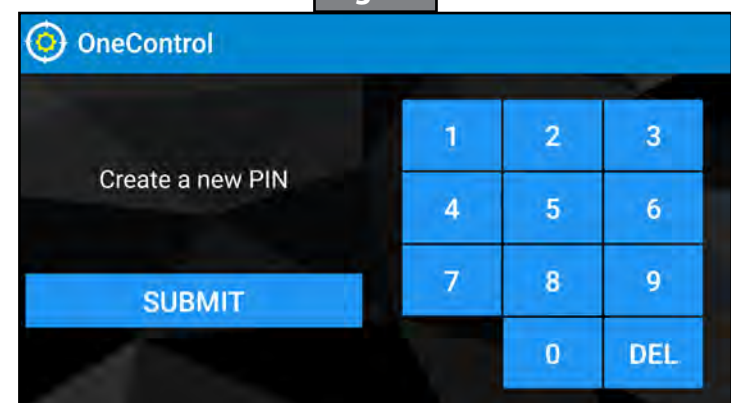


Fig. 23



Lockout

There may be lockout capability from a motorized ignition if the brake system is wired into the controller. If a signal is received, the Unity Board will lock out several functions to prevent operation of the devices during transit.

If this occurs, there will be a padlock displayed at the top right-hand corner of the home screen (Fig. 24A), and a padlock will also be shown to the right of the functions that are locked (Fig. 25A).

Fig. 24

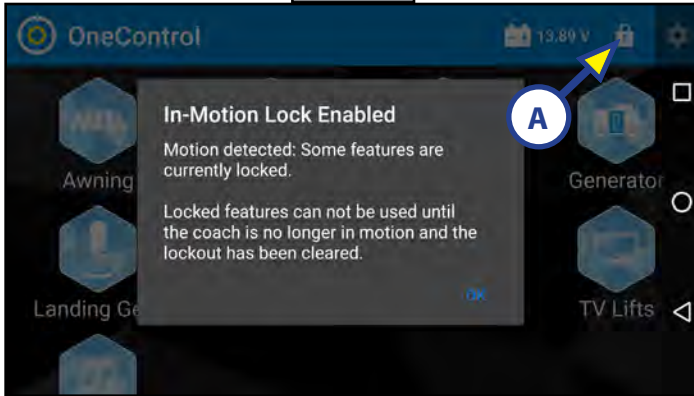
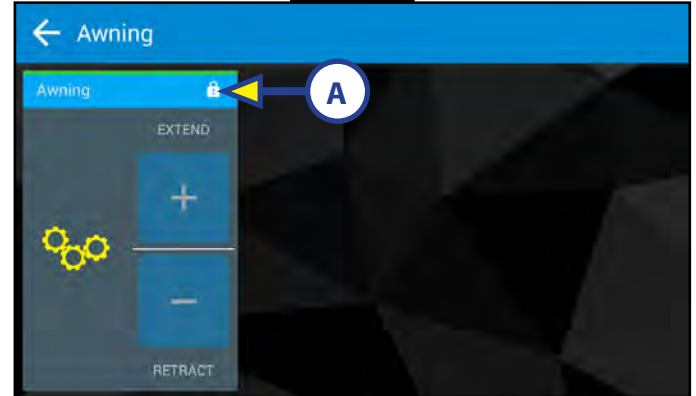


Fig. 25



Troubleshooting

What Is Happening?	Why?	What Should Be Done?
Missing icons	Power disconnected	Verify adequate 12V power and ground to the appropriate module.
	Loose CAN harness connections	Verify the CAN data harnesses are connected. Remove the data harnesses and re-seat them. Make sure connector pins are not loose.
Missing slide icon	Bad or disconnected controller	Verify all slide controllers are connected and functional. Replace bad controller.
Selected function does not operate	Function is locked out	If the icon is present, but will not operate on the touchscreen, it may be locked out because the ignition is on. Turn ignition off.
	Function already open	If icon is present, but grayed out, the function could be open on a smart device connected to the OneControl app. Close function on smart device.
	Wrong fuse setting	In the configurator, verify the fuse has been set to the appropriate setting for that function.
On/Off feature turns on, but immediately turns off	Wrong fuse value	In the configurator, make sure the proper fuse value has been set for that output.
Touch panel will not power up	No fuse	Make sure the 5A fuse in the power center is present and intact.
	Loose fuse	Re-seat loose fuse.
	Blown fuse	Replace fuse.
Heat pump will not operate and switches to gas heat	Defaults to gas heat because certain conditions are not met	The outside temperature must be above 47 degrees.
		The set point cannot be more than 8 degrees above the current zone temperature; e.g., climate zone temperature is 68 degrees, then the set point cannot exceed 76 degrees.



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ONECONTROL®
UNITY BOARD™ M Series
Rev. P
OWNER'S MANUAL



Scan for product support

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Introduction

The OneControl® Touch Panel is a touchscreen device that provides system controls and monitoring software for recreational vehicles. The OneControl Unity Board™ is an electronic control system that provides direct power, control, monitoring and diagnostics for coach functions, including awnings, lighting, fans, HVAC, generators, water tanks, water pumps, tank heaters and battery levels. Each slide-out is controlled by its own module that is linked to the system via CAN network. Powering up the coach will also turn on the OneControl Touch Panel and the various controllers throughout the coach.

Additional information about this product can be obtained from lci1.com/support or by downloading the free LippertNOW app. The app is available on Apple App Store® for iPhone® and iPad® and also on Google Play™ for Android™ users.

Apple App Store®, iPhone®, and iPad® are registered trademarks of Apple Inc.
Google Play™ and Android™ are trademarks of Google Inc.

For additional support on this product, please visit:
<https://support.lci1.com/onecontrol-wireless-formerly-myrv>.

NOTE: Images used in this document are for reference only when assembling, installing and/or operating this product. Actual appearance of provided and/or purchased parts and assemblies may differ.

Safety

Read and understand all instructions before installing or operating this product. Adhere to all safety labels. This manual provides general instructions. Many variables can change the circumstances of the instructions, i.e., the degree of difficulty, operation and ability of the individual performing the instructions. This manual cannot begin to plot out instructions for every possibility, but provides the general instructions, as necessary, for effectively interfacing with the device, product or system. Failure to correctly follow the provided instructions may result in death, serious personal injury, severe product and/or property damage, including voiding of the Lippert limited warranty.

⚠️ WARNING

The "WARNING" symbol above is a sign that an installation procedure has a safety risk involved and may cause death, serious personal injury or severe product or property damage if not performed safely and within the parameters set forth in this manual.

⚠️ CAUTION

The "CAUTION" symbol above is a sign that a procedure has a risk involved that may cause personal injury and/or product damage if not performed safely and within the parameters set forth within this manual.

⚠️ CAUTION

Moving parts can pinch, crush or cut. Keep clear and use caution.

Operation

The OneControl Touch Panel will be launched upon startup of the coach. The home screen will appear on startup (Fig. 1) with icons representing systems controlled by the Unity Board.

The device can be powered on or off using the power button (Fig. 1A) on the front of the touch panel.

NOTE: Stabilizers are optional equipment on some models/floor plans. The Stabilizers icon will only populate if that feature is available.

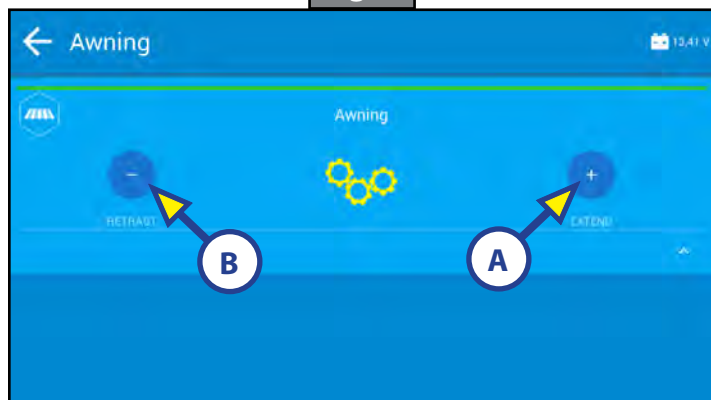
To operate a system, press the icon representing that system. After accessing and adjusting a system via a touchscreen icon, push the system Home icon in the center of the bottom row to return to the OneControl home screen.



Awning

1. Press the Awning icon.
2. Press the EXTEND (+) button (Fig. 2A) to extend the awning and press the RETRACT (-) button (Fig. 2B) to retract the awning.

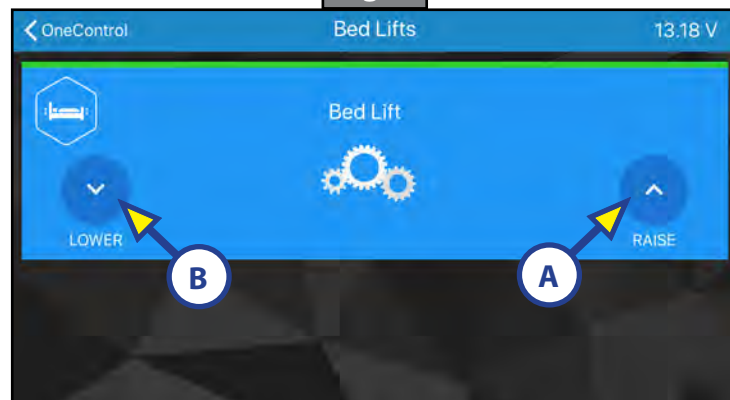
Fig. 2



Bed Lifts

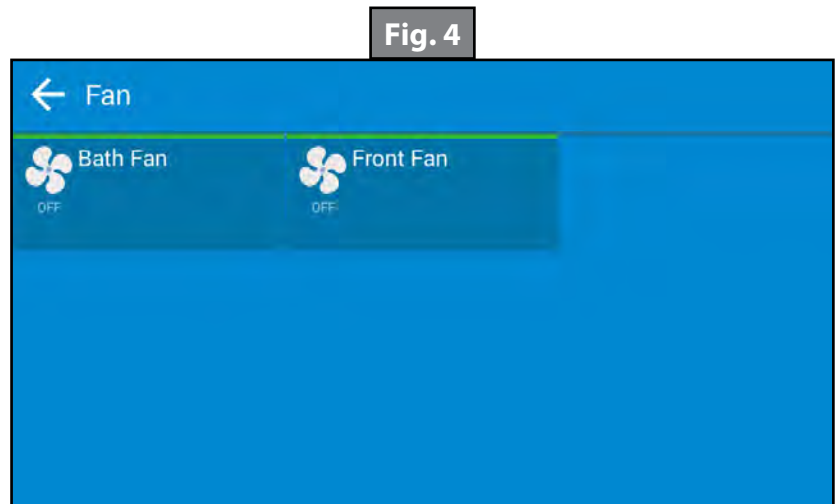
1. Press the Bed Lifts icon to access the Bed Lift screen.
2. Press RAISE (Fig. 3A) to raise the bed and press LOWER (Fig. 3B) to lower the bed.

Fig. 3



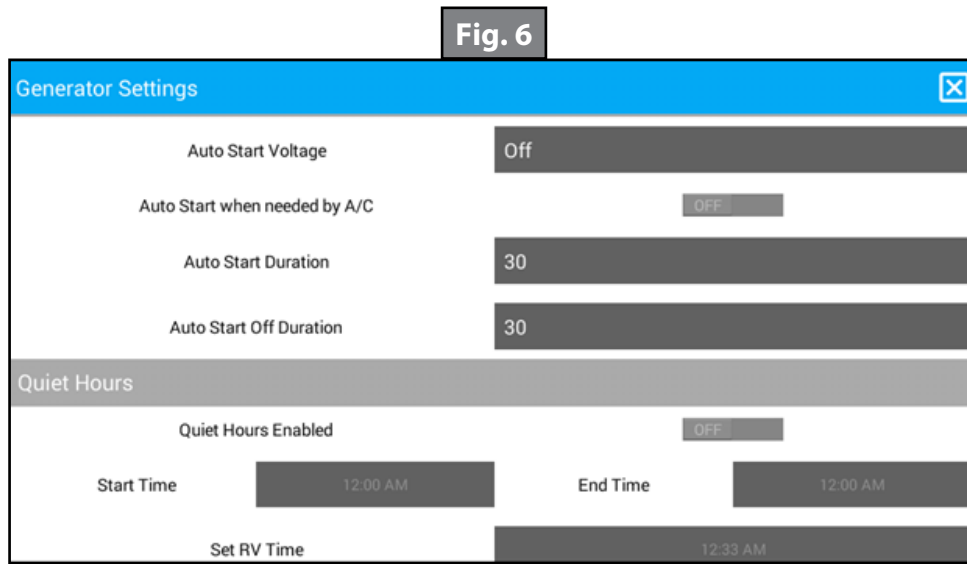
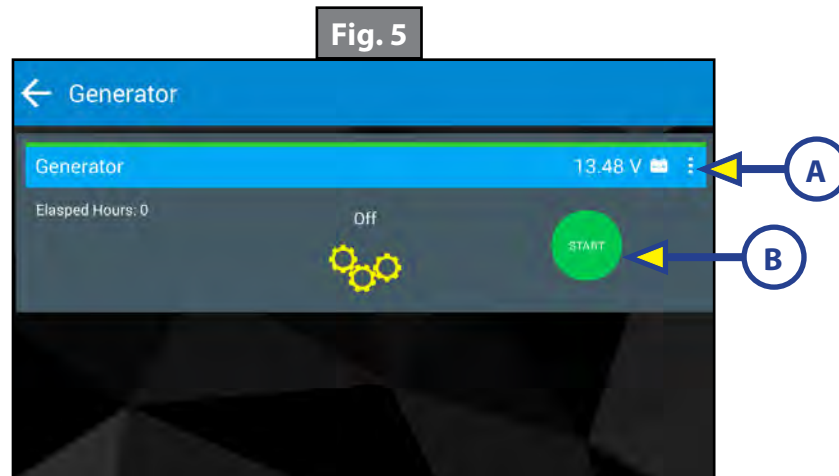
Fans

1. Press the Fan icon to access the Fan screen.
2. Select a fan and then press the button to turn on the fan (Fig. 4). Press again to turn the fan off.



Generator

1. Press the Generator icon to access the Generator screen (Fig. 5).
2. Locate and press the three vertical dots (Fig. 5A) to open the general settings.
3. Adjust the generator according to user preference (Fig. 6).
4. Press the START/STOP icon (Fig. 5B) on the right side of the screen to run or stop the generator.



HVAC (Heating, Ventilation, Air Conditioning)

1. Press the HVAC icon.
2. Press the Climate zone displayed (Fig. 7).
3. There are two boxes on the left side of the screen (Fig. 8). The top box (Fig. 8A) controls the heating/cooling mode. The bottom box (Fig. 8B) controls the fan. Press the top box to choose the HVAC mode. A large box will populate with available options for that climate zone (Fig. 8).
 - A. Heat/Cool: This mode provides High and Low set points. The HVAC system will operate to keep the temperature between these two set points. Refer to step 5C.
 - B. Heat (Fig. 8C): This mode has a single set point and the furnace or heat pump will operate to keep the temperature at that set point.
 - C. Cool (Fig. 9A): This mode has a single set point and the air conditioning will operate to maintain the temperature at this point.
 - D. Off (Fig. 9B): Pressing this button turns off the HVAC system.
- E. Once the desired mode is selected, press the CLOSE button (Fig. 9C) on the right.

Fig. 7

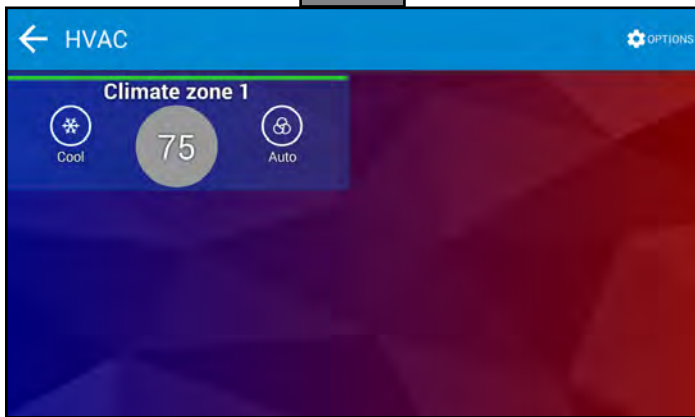
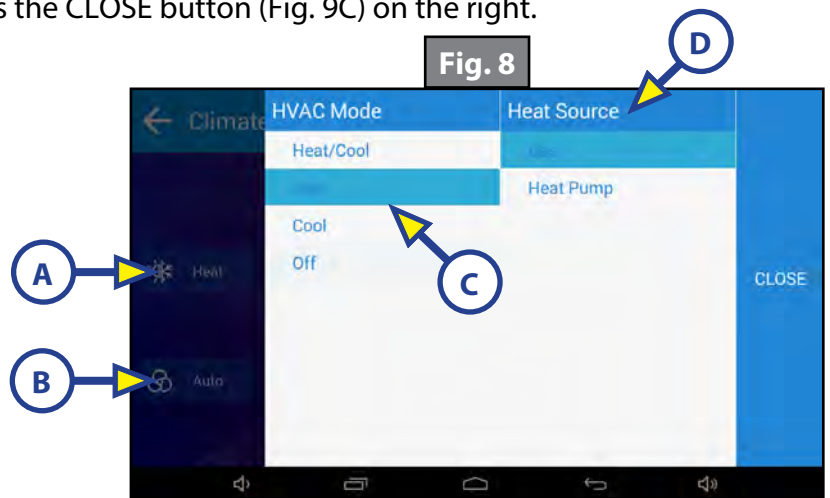


Fig. 8



4. Press the bottom of the two boxes on the left (Fig. 8B) to choose the FAN mode. A large box will populate with available fan settings (Fig. 10).
 - A. High (Fig. 10A): The fan will run continuously on high until another setting is chosen.
 - B. Low (Fig. 10B): The fan will run continuously on low until another setting is chosen.
 - C. Auto (Fig. 10C): The fan will run when the HVAC system calls for heating or cooling, then shuts off after the set point is reached.
- NOTE:** The fan will continue to run for two minutes after the set point has been reached in order to cool the compressor or furnace.
- D. Once the desired fan setting has been selected, press the CLOSE button (Fig. 10D) on the right.

Fig. 9

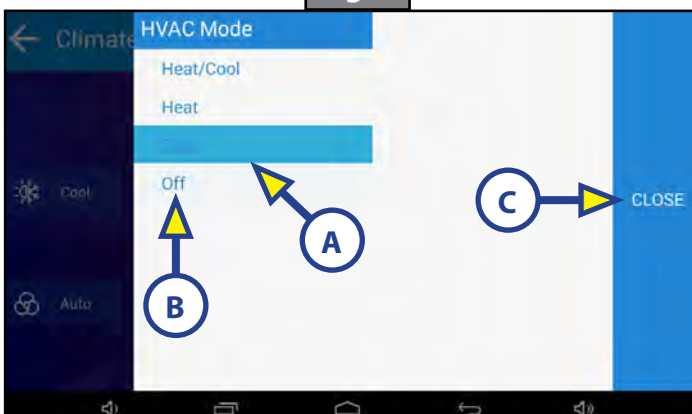
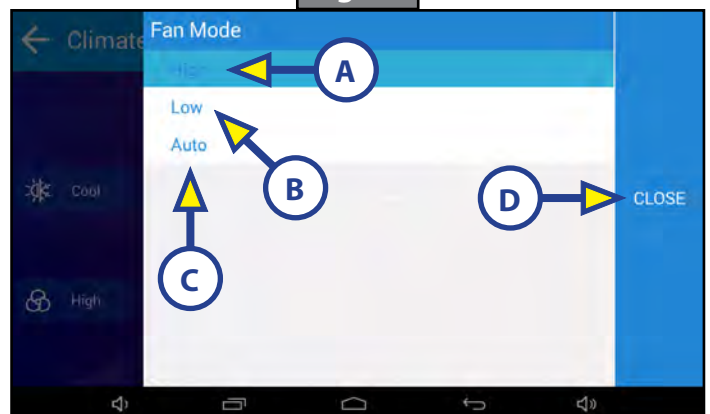


Fig. 10



5. Adjust the set points for the climate zone by updating the display.

NOTE: The adjusted temperature for the climate zone will be displayed inside a radius with a white dot on it (Figs. 11 and 12).

- A. Press and hold the white dot, then drag it around the radius (Figs. 11 and 12) to set the climate zone's temperature set point.
 - I. Dragging the dot counterclockwise will lower (cooler) (Fig. 11) the set temperature.
 - II. Dragging the dot clockwise around the radius will raise (hotter) (Fig. 12) the set temperature.
- B. Once the desired set point is reached, release pressure on the white dot.

Fig. 11

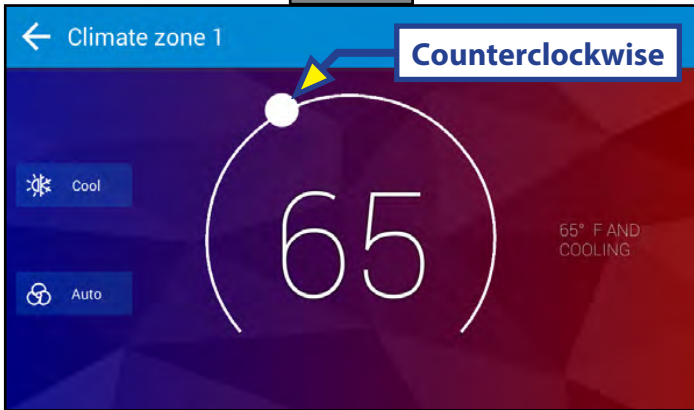
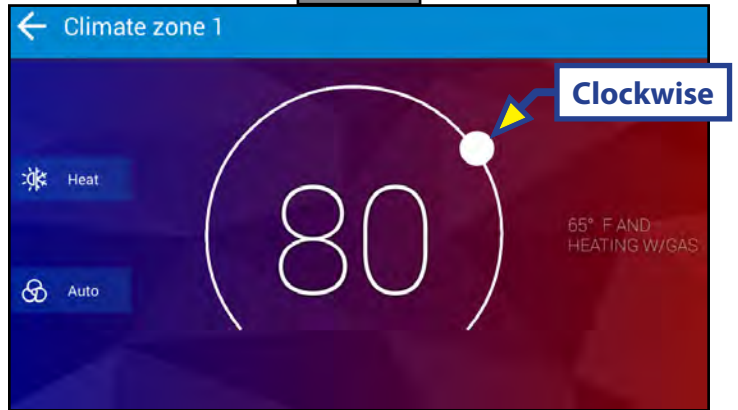
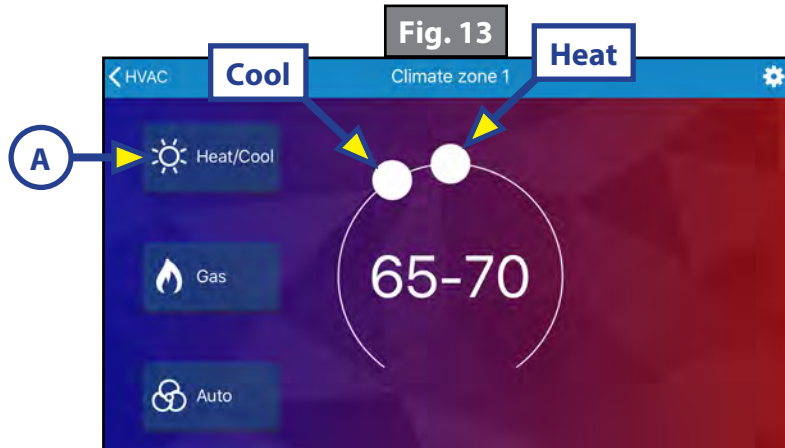


Fig. 12

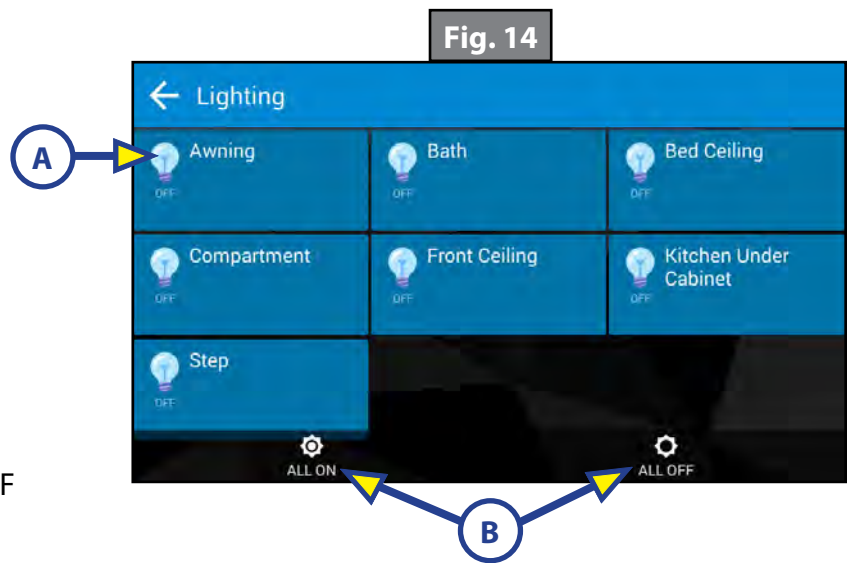


- C. Two white dots will appear (Fig. 13) when in Heat/Cool mode (Fig. 13A).
 - I. Set the low end (cool) of the temperature range by moving the left dot counterclockwise.
 - II. Set the high end (heat) of the temperature range by moving the right dot clockwise.



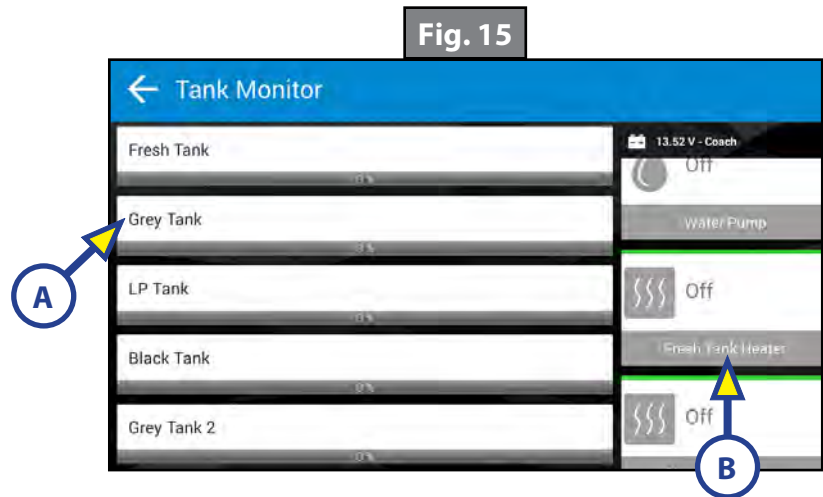
Lighting

1. Press the Lighting icon to access the Lighting screen (Fig. 14).
- NOTE:** Individual light status is displayed by a light bulb to the left of the light's name (Fig. 14A). The light icon will display a lit bulb if the light is on or a dim bulb if the light is off.
2. Pressing the ON or OFF light bulb icon on individual light buttons will turn that light on or off.
3. Pressing the highlighted ALL ON or ALL OFF icons (Fig. 14B) will turn all lights on or off.



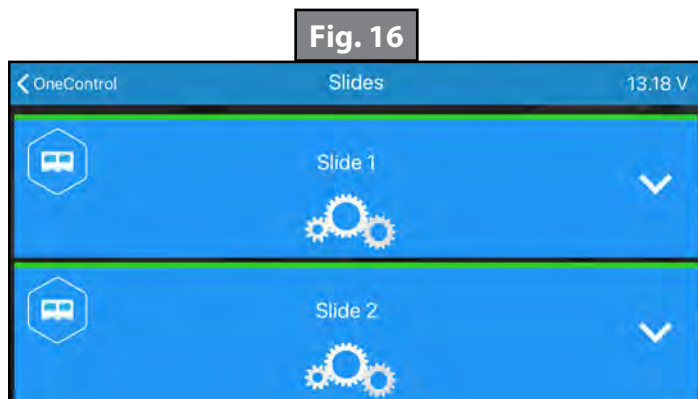
Monitor Panel

1. Press the Monitor Panel icon to access the Tank Monitor screen (Fig. 15).
 2. The monitored systems (Fig. 15A) will display the status of the various tanks.
 3. Press the buttons on the right to turn on or off a specific component (Fig. 15B).
- NOTE:** The icons will light up when the corresponding device is in use.



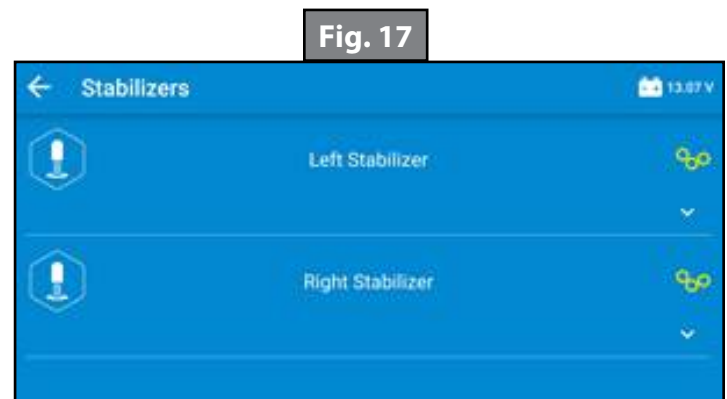
Slides

1. Press the Slides icon to access the Slides screen (Fig. 16).
2. Select a slide-out to operate.
 - A. Press the OUT (+) button to extend the slide-out.
 - B. Press the IN (-) button to retract the slide-out.



Stabilizers

1. Press the Stabilizers icon to access the Stabilizers screen (Fig. 17).
2. Select a stabilizer to operate.
 - A. Press EXTEND (+) to extend the stabilizer.
 - B. Press RETRACT (-) to retract the stabilizer.



Bluetooth Connection

After installing the Lippert OneControl app from the Apple app store or the Google Play store, open OneControl to start the procedure to connect a smart device to Bluetooth.

NOTE: The minimum requirements for the smart device are iOS 9.0 or Android 5.0 with Bluetooth 4.0.

1. Press the I ACCEPT button (Fig. 18A) on the EULA view.
2. Press the GET STARTED button (Fig. 19A) on the Welcome screen.
3. Select BLUETOOTH (Fig. 20A) when prompted.
4. Find the system name (Fig. 21A) that matches the ID supplied on the OneControl Bluetooth system.
5. Enter the password (Fig. 22A) included on the OneControl wireless system.
6. Type in a PIN number (Fig. 23) to prevent unintended access to the coach.
7. After OneControl has successfully connected, press the CONTINUE button to finish the setup.

Fig. 18

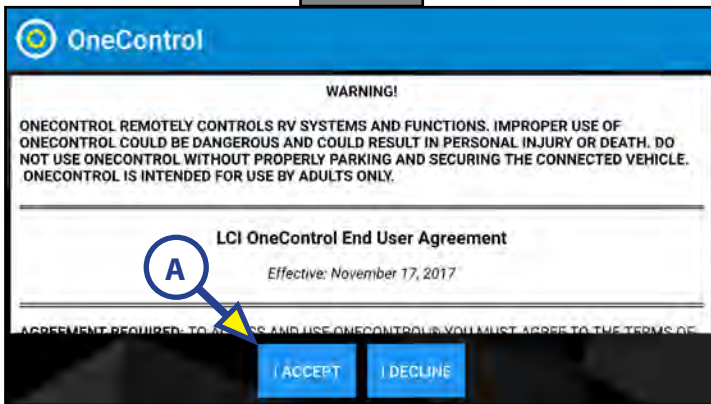


Fig. 19

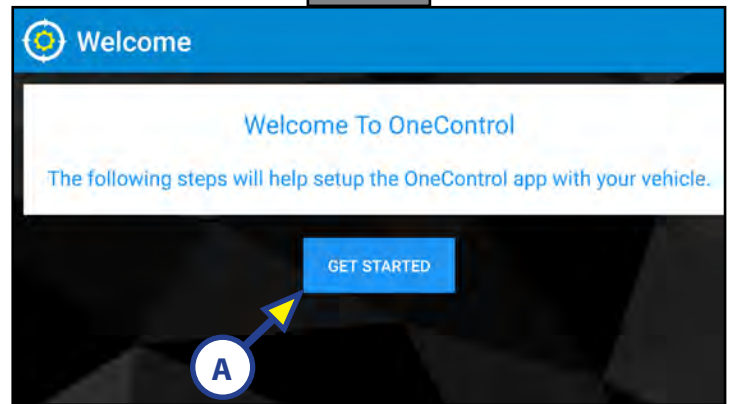


Fig. 20

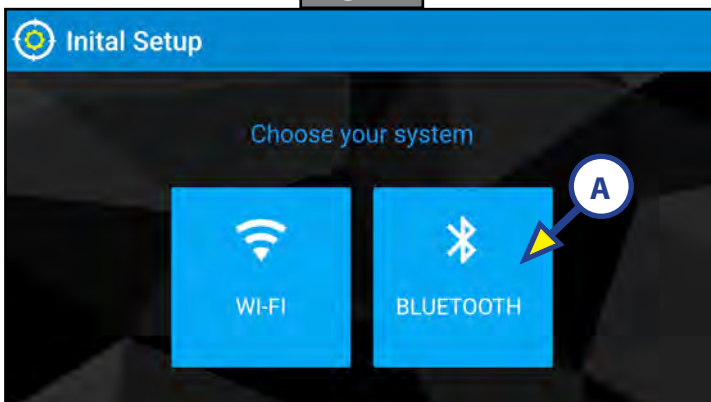


Fig. 21

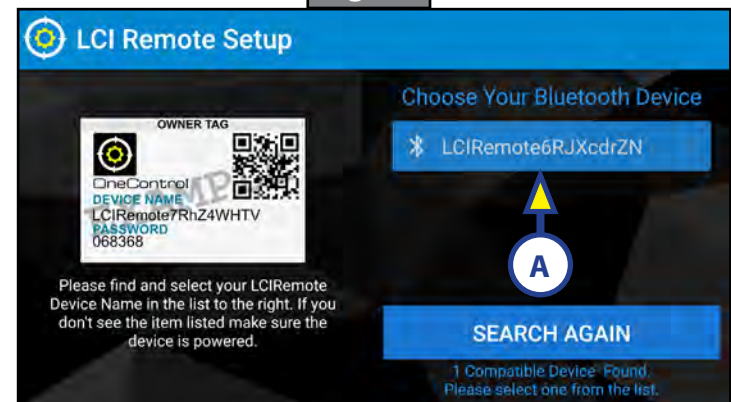


Fig. 22

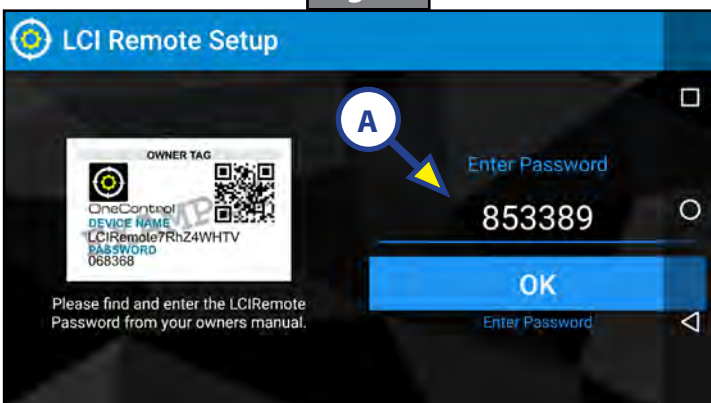
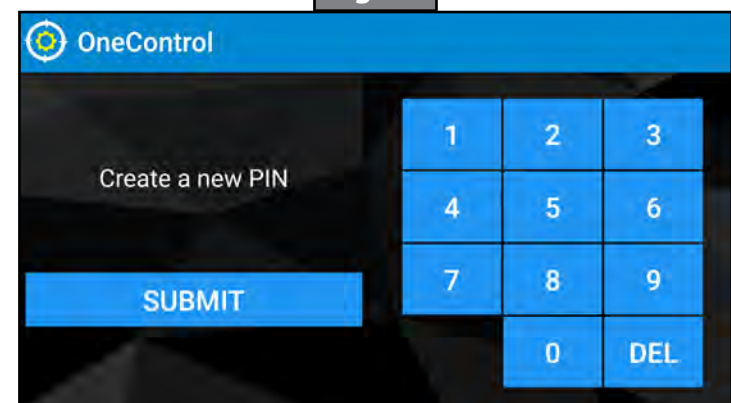


Fig. 23



Lockout

There may be lockout capability from a motorized ignition if the brake system is wired into the controller. If a signal is received, the Unity Board will lock out several functions to prevent operation of the devices during transit.

If this occurs, there will be a padlock displayed at the top right-hand corner of the home screen (Fig. 24A) and a padlock will also be shown to the right of the functions that are locked (Fig. 25A).

Fig. 24

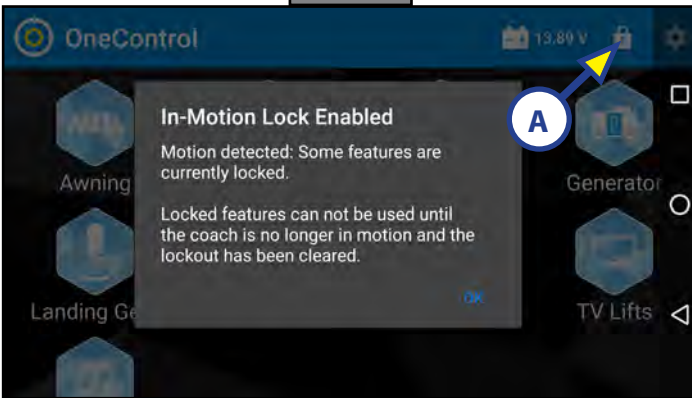
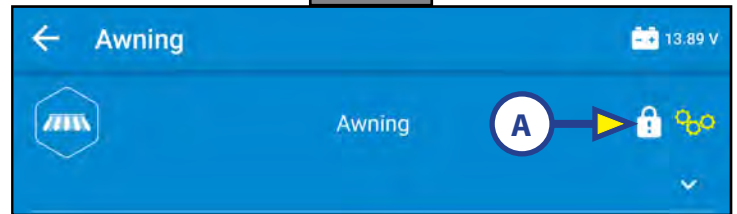


Fig. 25



Troubleshooting

What Is Happening?	Why?	What Should Be Done?
Missing icons	Power disconnected	Verify adequate 12V power and ground to the appropriate module.
	Loose CAN harness connections	Verify the CAN data harnesses are connected. Remove the data harnesses and re-seat them. Make sure connector pins are not loose.
Missing slide icon	Bad or disconnected controller	Verify all slide controllers are connected and functional. Replace bad controller.
Selected function does not operate	Function is locked out	If the icon is present, but will not operate on the touchscreen, it may be locked out because the ignition is on. Turn ignition off.
	Function already open	If icon is present, but grayed out, the function could be open on a smart device connected to the OneControl app. Close function on smart device.
	Wrong fuse setting	In the configurator, verify the fuse has been set to the appropriate setting for that function.
On/Off feature turns on, but immediately turns off	Wrong fuse value	In the configurator, make sure the proper fuse value has been set for that output.
Touch panel will not power up	No fuse	Make sure the 5A fuse in the power center is present and intact.
	Loose fuse	Re-seat loose fuse.
	Blown fuse	Replace fuse.
Heat pump will not operate and switches to gas heat	Defaults to gas heat because certain conditions are not met	The outside temperature must be above 47 degrees.
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ONECONTROL[®] TOUCH PANEL
OWNER'S MANUAL
(OCTP REV. 3.0)

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Introduction

The OneControl® Touch Panel (OCTP) is a touchscreen device that provides system controls and monitoring software for the recreational vehicle. The systems include slide-outs, leveling systems, awnings, lighting, temperature, water tanks, tire pressure, battery levels and any other compatible systems installed on the unit and programmed into the OneControl® system. Powering up the unit will also power the OneControl® Touch Panel and the various controllers throughout the unit.

Additional information about this product can be obtained from lci1.com/support or by downloading the free LippertNOW app. The app is available on Apple App Store® for iPhone® and iPad® and also on Google Play™ for Android™ users.

Apple App Store®, iPhone®, and iPad® are registered trademarks of Apple Inc.

Google Play™ and Android™ are trademarks of Google Inc.

For information on the assembly or individual components of this product, please visit:

<https://support.lci1.com/electronics-support-onecontrol-wireless-formerly-myrvreg>.

NOTE: Images used in this document are for reference only when assembling, installing and/or operating this product. Actual appearance of provided and/or purchased parts and assemblies may differ.

Safety

Read and understand all instructions before installing or operating this product. Adhere to all safety labels.

This manual provides general instructions. Many variables can change the circumstances of the instructions, i.e., the degree of difficulty, operation and ability of the individual performing the instructions. This manual cannot begin to plot out instructions for every possibility, but provides the general instructions, as necessary, for effectively interfacing with the device, product or system. Failure to correctly follow the provided instructions may result in death, serious personal injury, severe product and/or property damage, including voiding of the LCI limited warranty.

WARNING

The "WARNING" symbol above is a sign that a procedure has a safety risk involved and may cause death or serious personal injury if not performed safely and within the parameters set forth in this manual.

WARNING

Failure to follow instructions provided in this manual may result in death, serious personal injury and/or severe product and property damage, including voiding of the component warranty.

CAUTION

The "CAUTION" symbol above is a sign that a safety risk is involved and may cause personal injury and/or product or property damage if not safely adhered to and within the parameters set forth in this manual.

CAUTION

Always wear eye protection when performing service, maintenance or installation procedures. Other safety equipment to consider would be hearing protection, gloves and possibly a full face shield, depending on the nature of the task.

Preparation

1. Unit is parked on a solid, level surface.
2. Unit power is turned on.

Operation

The OneControl Touch Panel (OCTP) uses a touch screen as the input device to interface with the Lippert Components, Inc. (LCI) CAN bus system.

There are two sizes of OCTPs; a five-inch (Fig. 1) and a seven-inch (Fig. 2) diagonal screen. The main difference between the two are the buttons and data ports along the bottom bezel.

The five-inch OCTP only has a power (on/off) button (Fig. 1A) and a RESET port (Fig. 1B), whereas the seven-inch OCTP also has a USB port (Fig. 2A) and a MICRO SD card slot (Fig. 2B).

Fig. 1

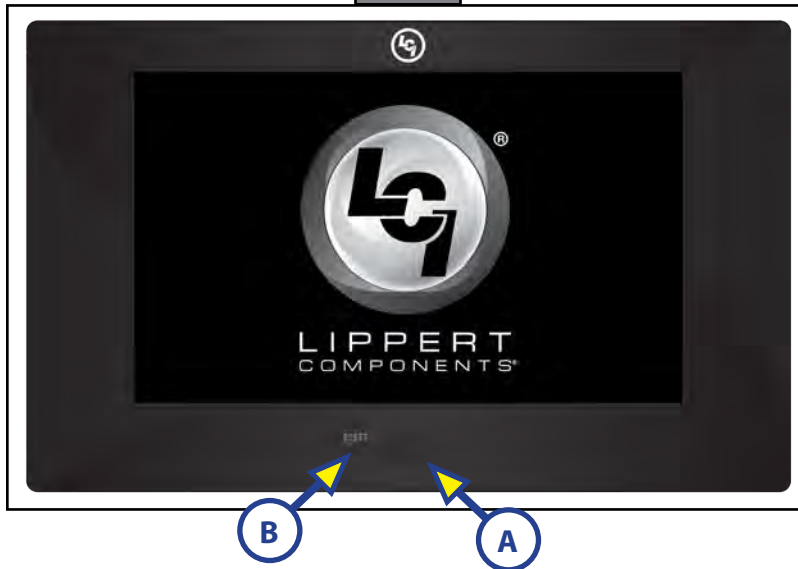


Fig. 2



Power On/Off

1. The device can be powered on or off using the power button (Fig. 1A) on the front of the device.

NOTE: It will take a few moments to start up and load the system.

2. To enter or exit sleep mode, press and release the power button.

Control Panel

1. Locate the OneControl Touch Panel (OCTP) (Figs. 1 and 2).
2. Press the power button (Fig. 1A) to turn on the OCTP.
3. Touch the desired category icon located in the left navigation bar of the HOME screen (Fig. 3) to begin adjusting settings.

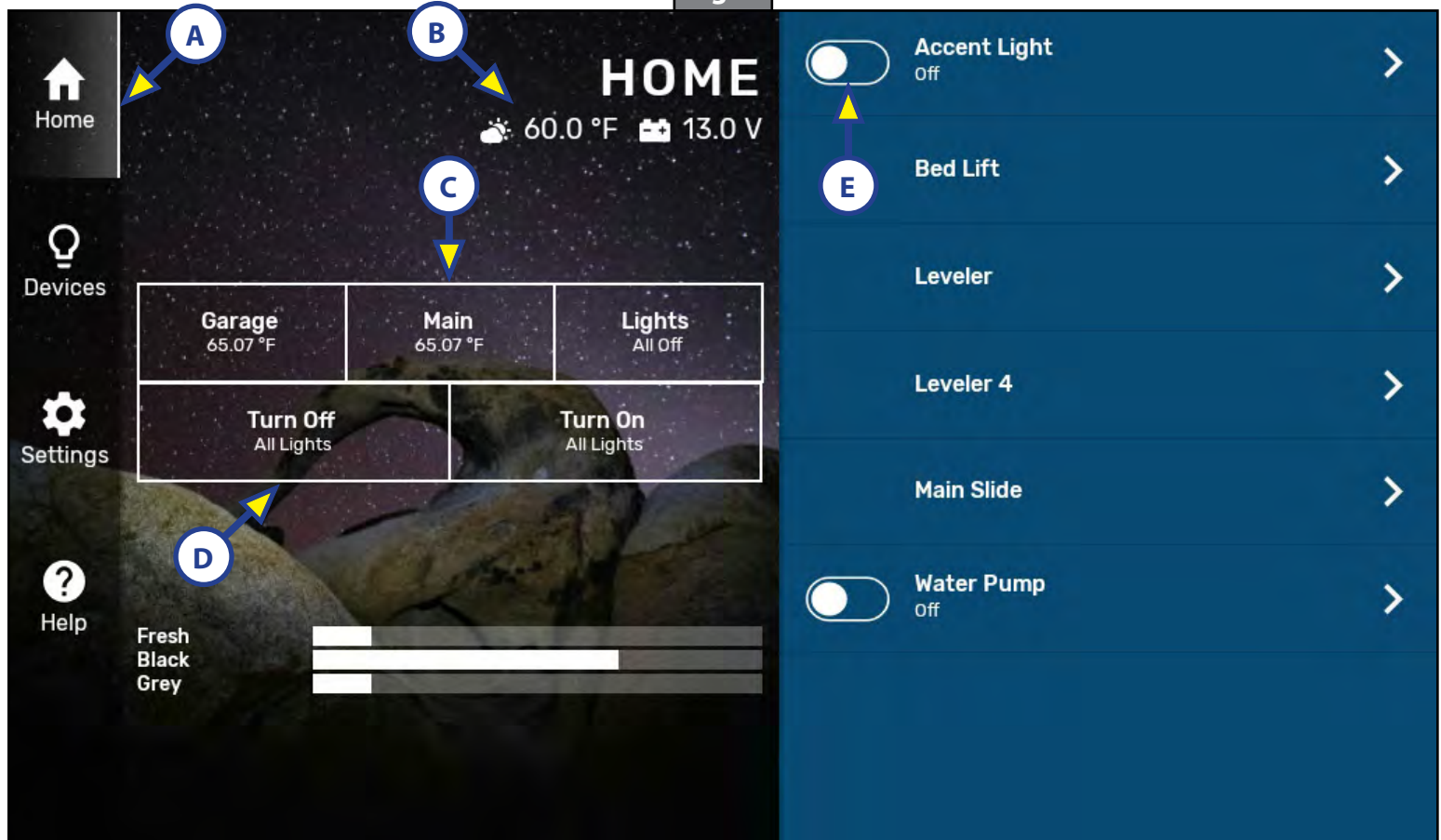
NOTE: The control panel will display a split screen depicting real-time, monitored information for the devices/features in the selected category.

4. Press the Home icon (Fig. 3A) at any time to return to the OneControl HOME screen.

HOME Screen

1. The left navigation bar (Fig. 3A) shows major OCTP categories.
2. Outside Temp/Battery status (Fig. 3B) is displayed below the HOME screen title.
3. Real-time status of main features (Fig. 3C) are displayed in the middle of the HOME screen:
 - Garage
 - Main
 - Lights
 - Water tanks

Fig. 3



- All lighting can be turned on or off by clicking on the Turn Off/Turn On All Lights buttons (Fig. 3D) shown below the top row of status indicators.

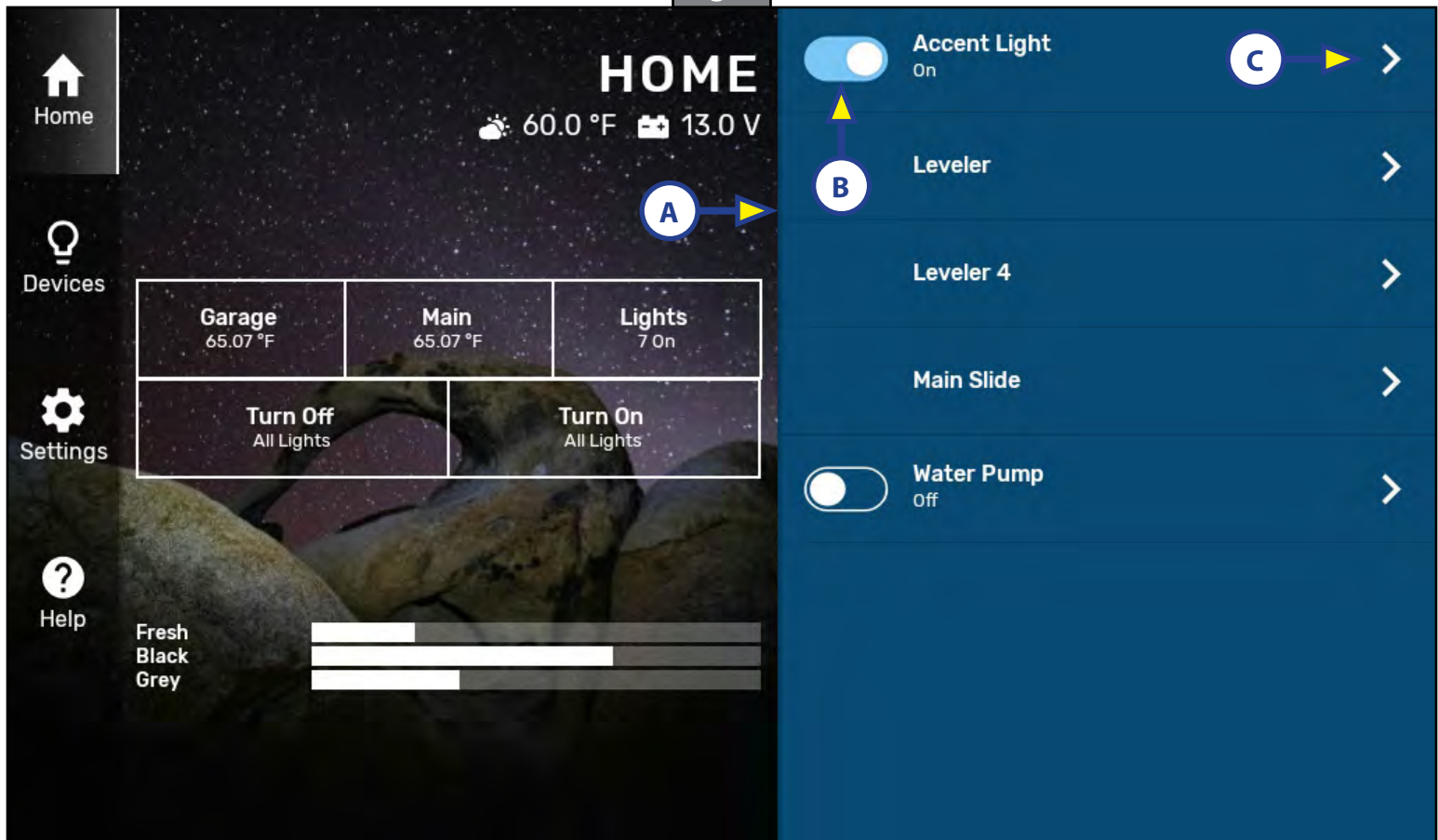
NOTE: Unless there is at least one Light Favorite set in the right (blue) navigation bar (Fig. 3E) to show the change in On/Off status for all lighting, verification must be done by going through the Devices category, Groups tab, Lighting option to see the list of light devices' On/Off status.

- Right navigation bar (blue) (Fig. 4A) lists Favorite Device shortcuts.

NOTE: Selecting Yes for a Favorite Device places a shortcut for the device's settings in the Home screen right (blue) navigation bar. Selecting No deletes the device shortcut from the Home screen.

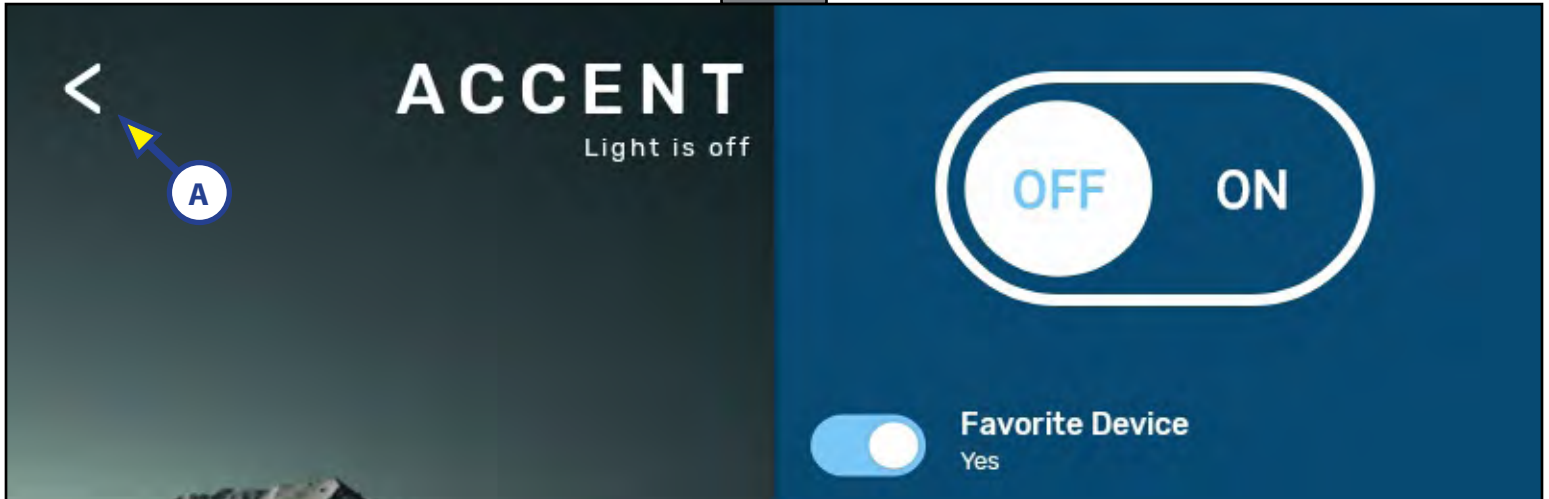
- If the listed favorites in the right (blue) navigation bar have a quick settings slider button preceding the device name (Fig. 4B), the device can be turned on or off by this button without having to open the device's full set of options.
 - However, doing so bypasses other device options.
 - Any previous setting changes made to the device, such as time or brightness, remain unchanged.
- The Favorite Device shortcut option, and other settings for the device, can be accessed by clicking on the device's next button (>) (Fig. 4C) to open its settings screen.

Fig. 4



- C. After making setting changes, click on the device's back button (<) (Fig. 5A) to return to the HOME screen (Fig. 4).

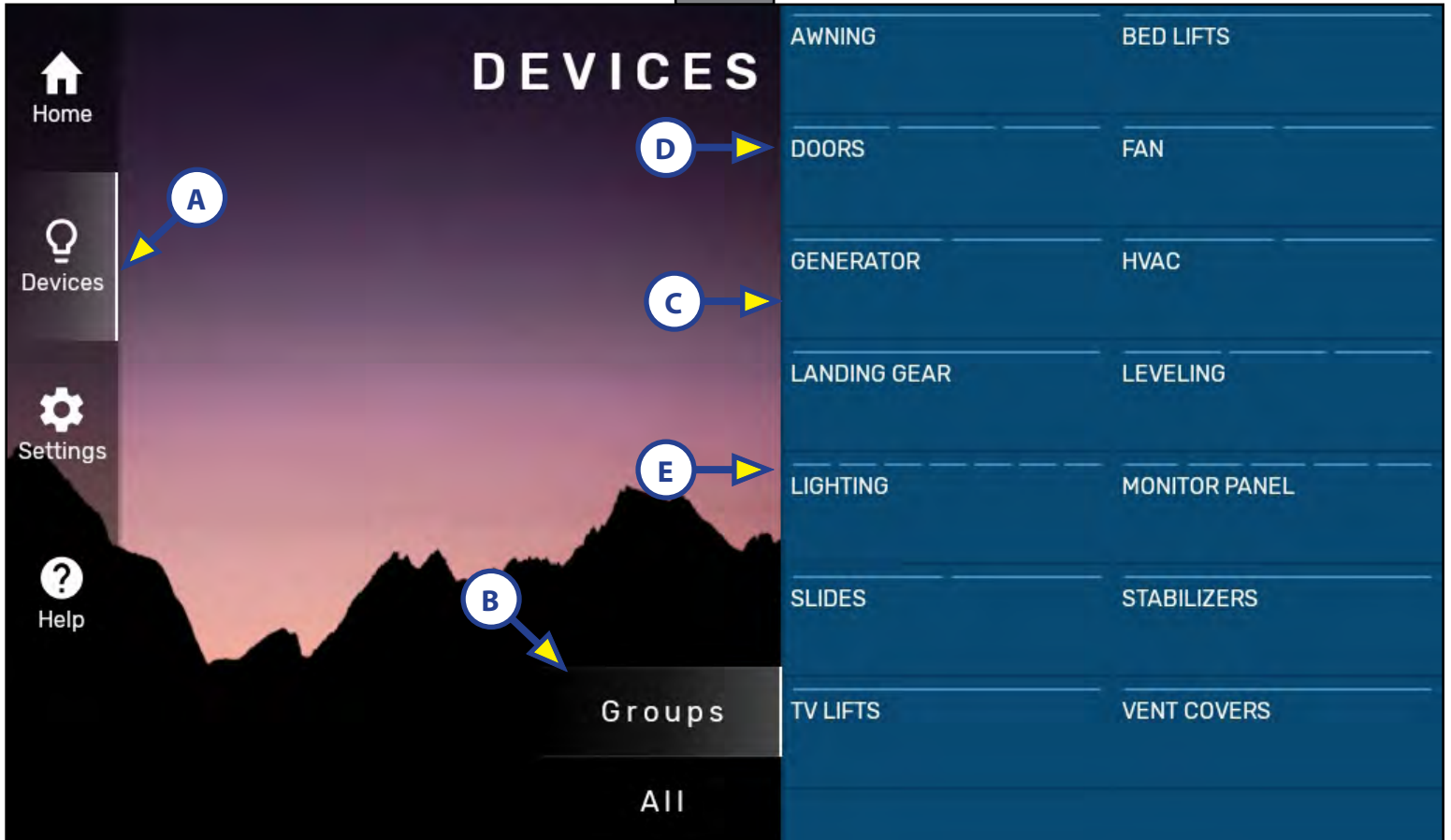
Fig. 5



DEVICES Screen

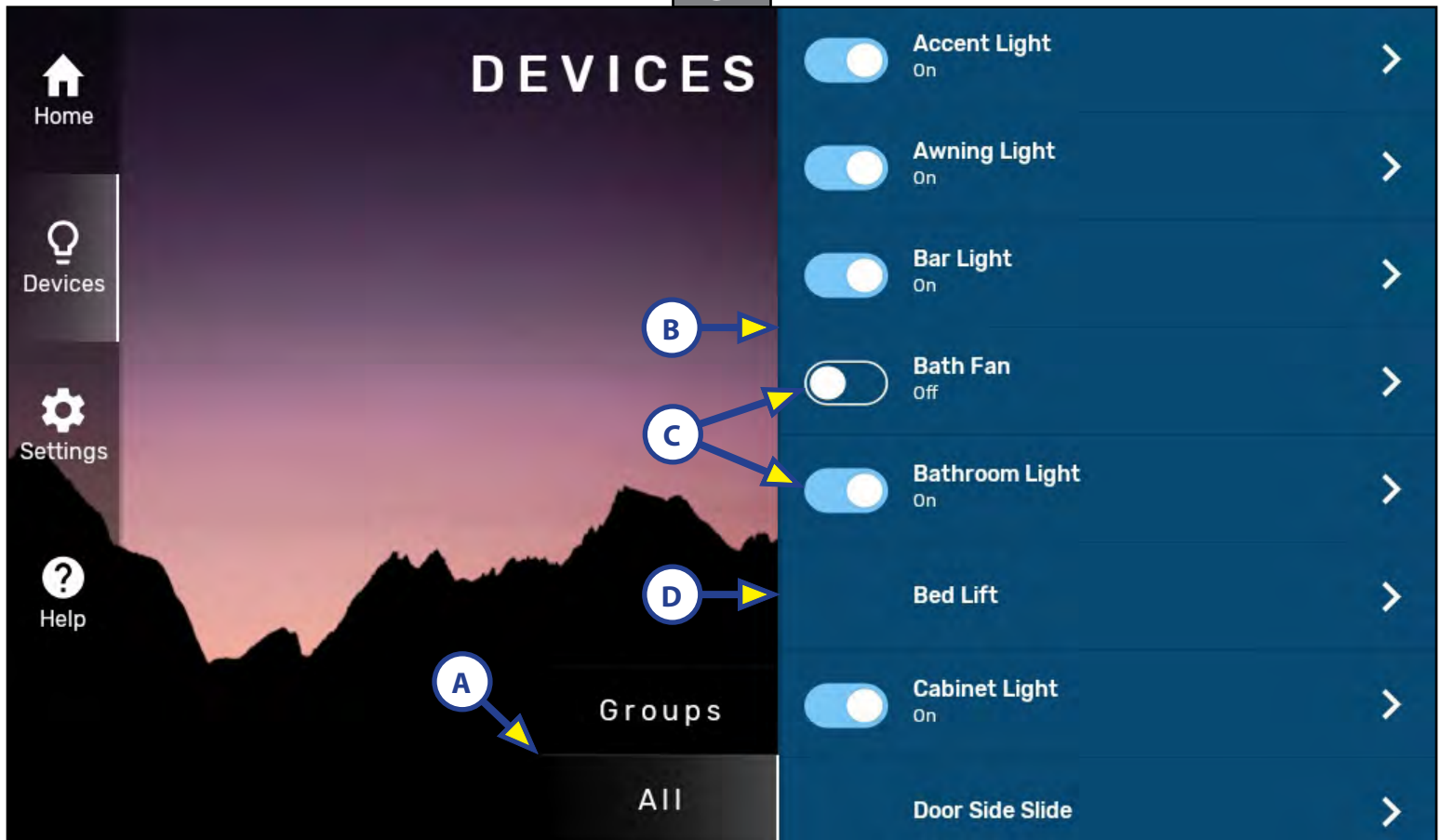
1. The Devices category icon is located in the left navigation bar (Fig. 6A).
2. The DEVICES category screen offers two navigational options; Groups and All (Fig. 6B).
 - A. The Groups navigational option alphabetically lists—left-to-right/top-to-bottom—the unit's available features in the right (blue) navigation bar (Fig. 6C) :
 - AWNING
 - DOORS
 - GENERATOR
 - BED LIFTS
 - FAN
 - HVAC, etc.

Fig. 6



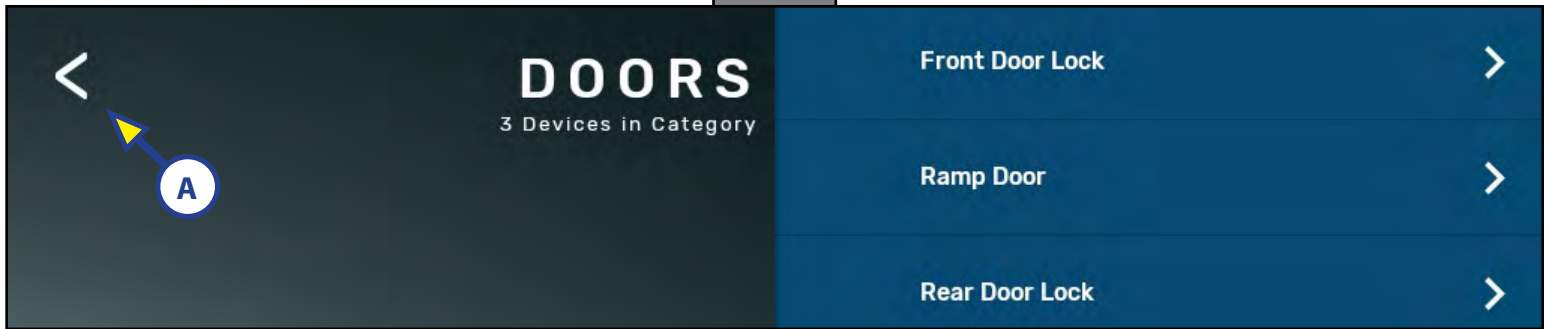
- I. Groups shows the number of features for that category by the number of light blue horizontal bars directly above the group name.
 - II. Doors has three bars (Fig. 6D) to show three door features.
 - III. Lighting has seven bars (Fig. 6E) to show seven lighting features.
- B.** The All navigational option (Fig. 7A) alphabetically lists—top-to-bottom—all available unit features, regardless of grouping, in the right (blue) navigation bar (Fig. 7B), whether the device is turned off or on (Fig. 7C) or is set as a Favorite Device (Fig. 7D).
- Accent Light
 - Awning Light
 - Bar Light
 - Bath Fan
 - Bathroom Light
 - Bed Lift
 - Cabinet Light
 - Door Side Slide, etc.

Fig. 7



- C.** From the Groups menu, selecting a feature group from the right navigation bar opens the individual features for that group.
- I. For example, selecting DOORS in the right navigation bar (Fig. 6D) opens the DOORS category (Fig. 8).
 - II. The number of devices in that category is stated under the category name in the left navigation bar (Fig. 8A).
 - III. Individual devices within that category are listed in the right (blue) navigation bar (Fig. 8B).
 - Front Door Lock
 - Ramp Door
 - Rear Door Lock
 - IV. Each device has a next button (>) (Fig. 8C) that indicates settings are available for that device. Clicking anywhere on the device name or next button (>) will open the device's settings window (Fig. 9).

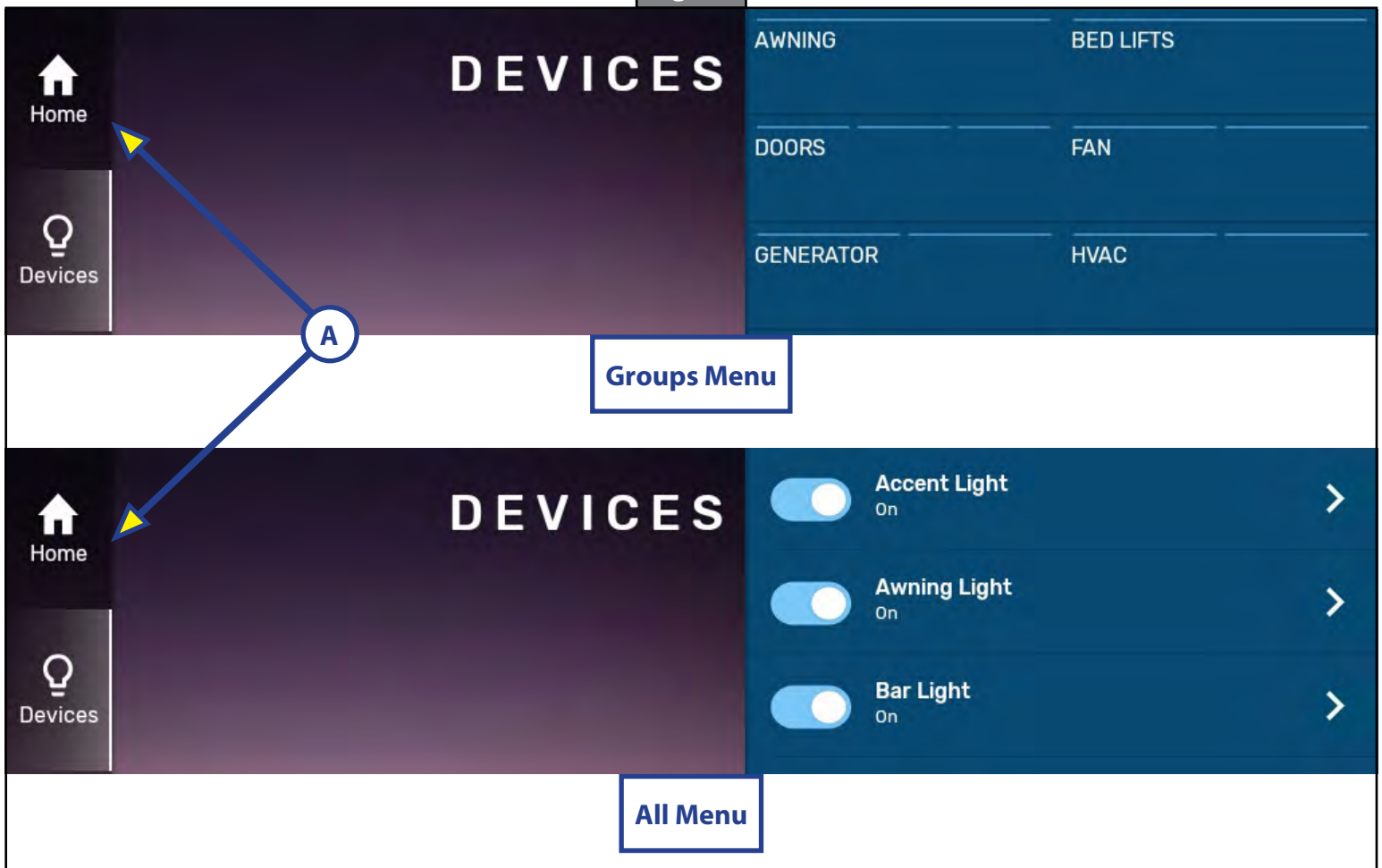
Fig. 10



NOTE: Devices listed in the All menu with a slider switch also have the On/Off switch control in their device options screen. Devices listed in the All menu without a slider switch control do **NOT** have that control in their options screen. Non-slider switch devices can only be controlled by accessing their device settings option screen.

- C. Changing a selected device's settings listed in the All devices tab follows the same procedure as outlined for Groups device settings.
- 4. When done setting options from the DEVICES screen (Fig. 11), click on the Home icon (Fig. 11A) to return to the main HOME screen.

Fig. 11



SETTINGS Screen

1. The Settings category tab is located in the left navigation bar (Fig. 12A).
2. The Settings category offers five options listed in the right (blue) navigation bar (Fig. 12B):
 - Diagnostics
 - Resync Devices
 - Units
 - Developer
 - System Clock
- A. Below each setting option name is a brief description of the option.
- B. Clicking on a setting's options next button (>) (Fig. 12C) opens that option's settings window (Fig. 13).
- C. Click on the option's main back button (<) (Fig. 13A) to return to the Settings main screen.

Fig. 12

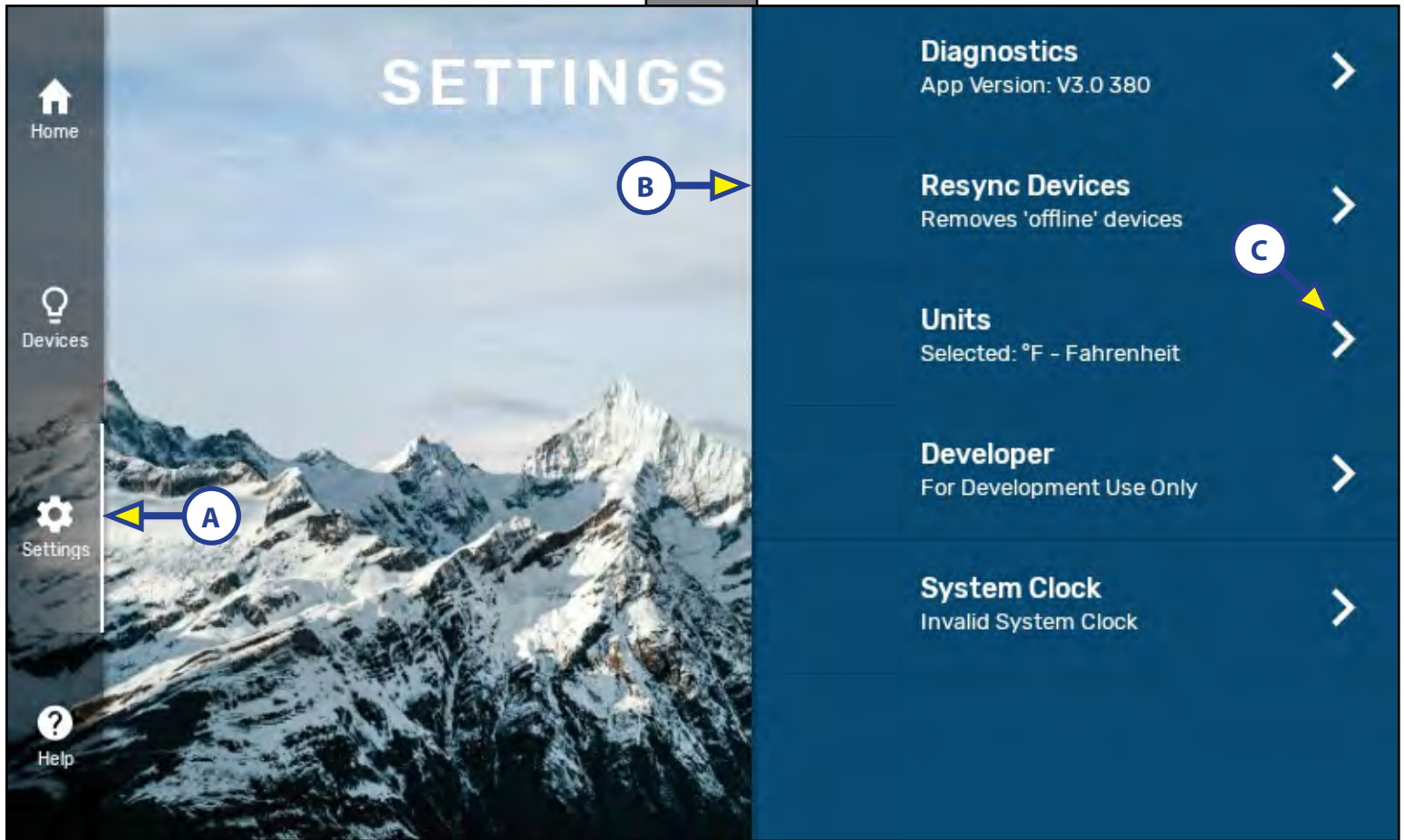
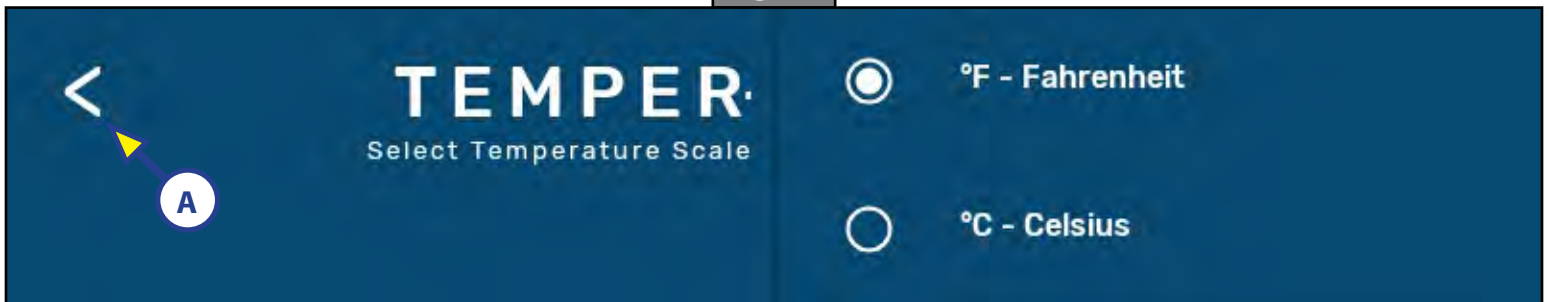


Fig. 13



3. Brief descriptions of Settings options:
 - A. Diagnostics—App Version: V3.0 380. System Report, snapshot summary of unit’s available devices.

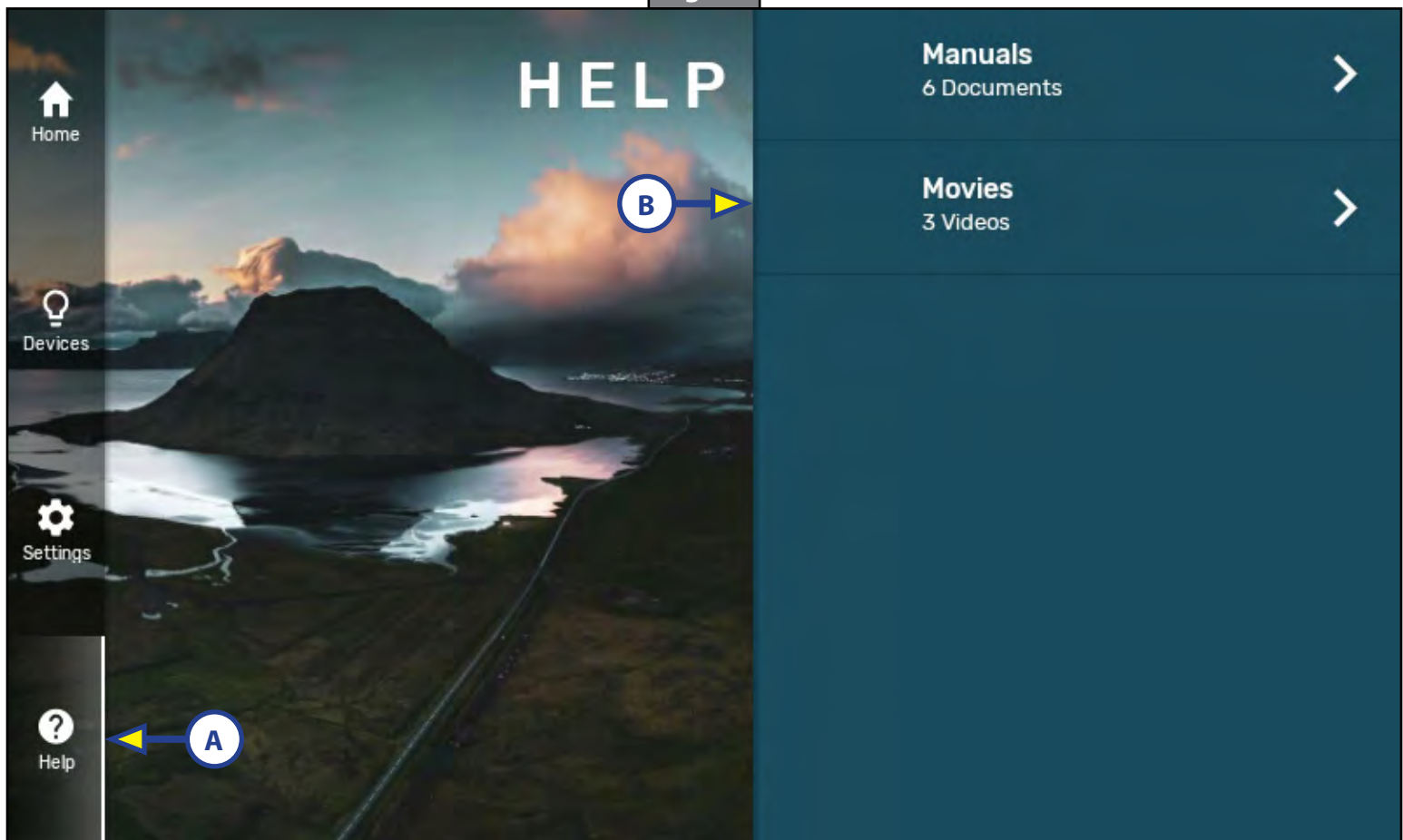
NOTE: This is a device summary report only. Device changes cannot be made through this option. Device settings can only be changes through the Devices screen.

 - B. Resync—Removes “off-line” devices. This option is used to resync the system devices after one has been removed, serviced or repaired and shown to be off-line.
 - C. Units—Shows the currently selected temperature unit of scale
 - D. Developer—For Development Use Only. **DO NOT USE.**
 - E. System Clock—Invalid System Clock. Provides a calendar and clock window to set date and time.
4. Use the option's back button (<) (Fig. 13A) to return to the Settings screen (Fig. 12).

HELP Screen

1. The Help category tab is located in the left navigation bar (Fig. 14A).
2. The Help category offers two options listed in the right (blue) navigation bar (Fig. 14B):
 - Manuals
 - Movies
3. Brief descriptions of Help options:
 - A. Manuals—Lists the total number of portable document format (PDF) files available for viewing.
 - B. Movies—Lists the total number of videos available for viewing.
4. Use the option's back button (<) to return to the Help screen.

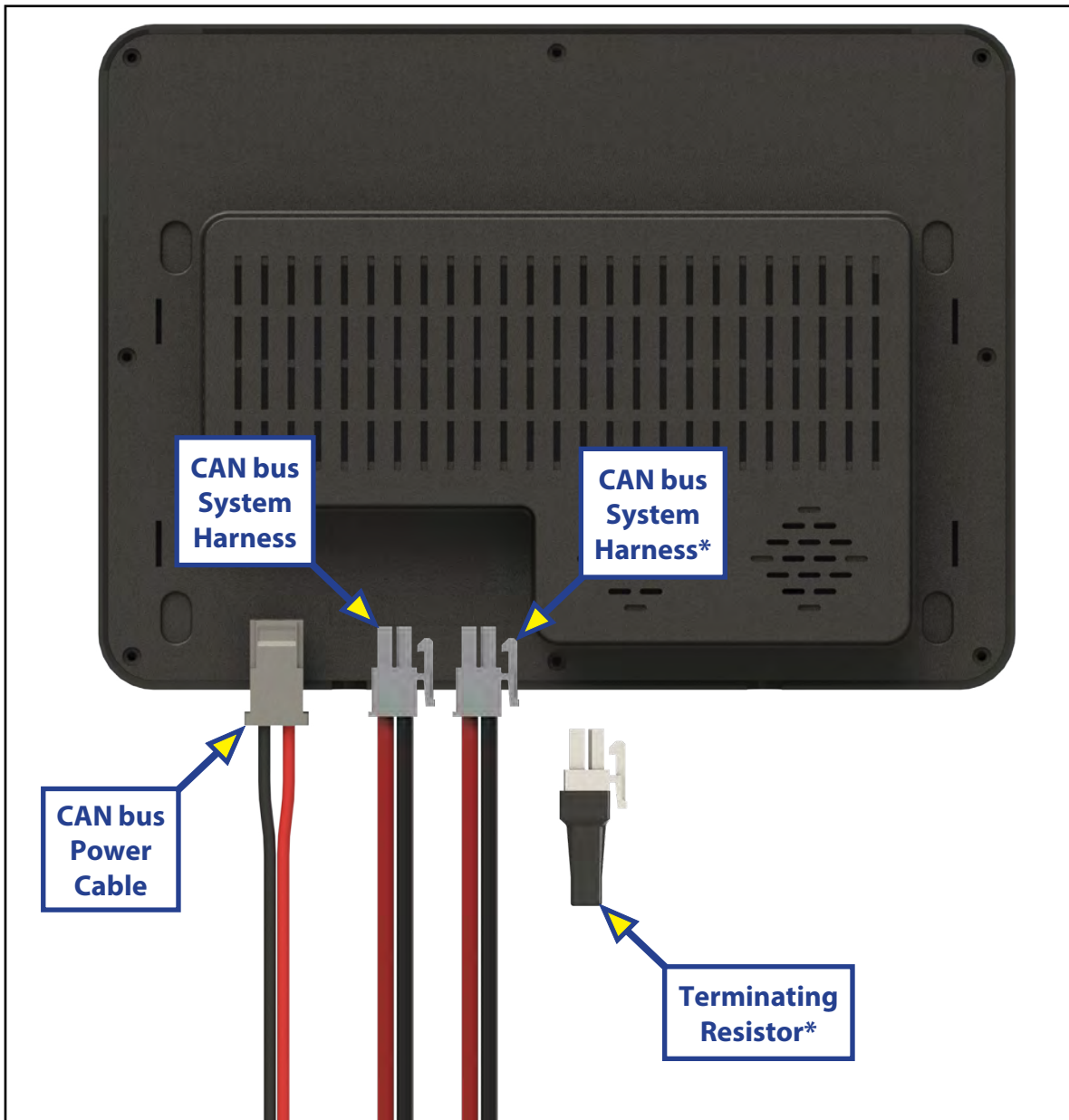
Fig. 14



Troubleshooting

What is Happening	Why?	What Should Be Done?
Touch panel does not turn on.	No power.	Make sure system power is on and the touch panel power cable is connected.
Touch panel is on, but no display.	Program not loaded.	Contact Lippert Components, Inc.
Installed device not available.	Device not configured.	Contact Lippert Components, Inc.

Wiring Diagram



NOTE: Both CAN bus ports must be filled by either two CAN bus system harnesses or one harness* and a terminating resistor* to complete the system so that the connected devices can be recognized by the OCTP.



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Lippert Components, Inc.

Ph: 432-LIPPERT (432-547-7378) | Web: lippert.com | Email: customerservice@lci1.com



**GRAND DESIGN
COMPASS[®] APP
POWERED BY LCI ONECONTROL[®]
OWNER'S MANUAL**



Scan for product support

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Introduction

The Grand Design Compass® Application is based on LCI OneControl® application architecture, which provides system controls and monitoring software for the recreational vehicle. The system can include slide-outs, leveling system, awnings and lighting.

Additional information about this product can be obtained from lci1.com/support or by downloading the free LippertNOW app. The app is available on Apple App Store® for iPhone® and iPad® and also on Google Play™ for Android™ users.

Apple App Store®, iPhone®, and iPad® are registered trademarks of Apple Inc.
Google Play™ and Android™ are trademarks of Google Inc.

For additional support for this product, please visit:

<https://support.lci1.com/electronics-support-onecontrol-wireless-formerly-myrvreg>.

NOTE: Images used in this document are for reference only when assembling, installing and/or operating this product. Actual appearance of provided and/or purchased parts and assemblies may differ.

NOTE: As of document release, the current version of the Lippert OneControl App was version 3.3.1.

Safety

Read and understand all instructions before installing or operating this product. Adhere to all safety labels. This manual provides general instructions. Many variables can change the circumstances of the instructions, i.e., the degree of difficulty, operation and ability of the individual performing the instructions. This manual cannot begin to plot out instructions for every possibility, but provides the general instructions, as necessary, for effectively interfacing with the device, product or system. Failure to correctly follow the provided instructions may result in death, serious personal injury, severe product and/or property damage, including voiding of the Lippert limited warranty.



The "WARNING" symbol above is a sign that a procedure has a safety risk involved and may cause death or serious personal injury if not performed safely and within the parameters set forth in this manual.



Failure to follow instructions provided in this manual may result in death, serious personal injury and/or severe product and property damage, including voiding of the component warranty.

⚠ CAUTION

The “CAUTION” symbol above is a sign that a safety risk is involved and may cause personal injury and/or product or property damage if not safely adhered to and within the parameters set forth in this manual.

⚠ CAUTION

Moving parts can pinch, crush or cut. Keep clear and use caution.

Preparation

NOTE: Setting up the Grand Design Compass App requires both WiFi and Bluetooth to be turned on and the user must be within 25 feet of the trailer. The minimum requirements for a smart phone are IOS 9.0 or Android 5.0 with Bluetooth.

1. Download the free Grand Design Compass App onto a smart phone by searching for Grand Design Compass on the App Store or Google Play (Fig. 1) and press Install (Fig. 2) to launch the app (Fig. 3).

Fig. 1



Fig. 2

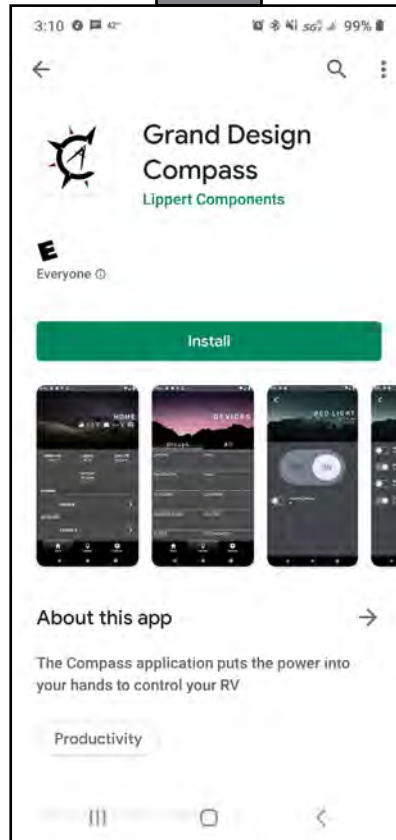


Fig. 3



App Store® is a trademark of Apple Inc. Android™ and Google Play™ are trademarks of Google LLC.

2. Read and agree to the End User License Agreement (Fig. 4).
3. The next screen will show the five steps necessary to set up the app, including Create Account. Press Create Account (Fig. 5).
4. Enter the required information, including email, phone number and password (Fig. 6). The password must be at least eight characters and contain a number and a special character.
5. OneControl requires location permissions to find and connect to available networks (Figs. 7, 8 and 9).

Fig. 4

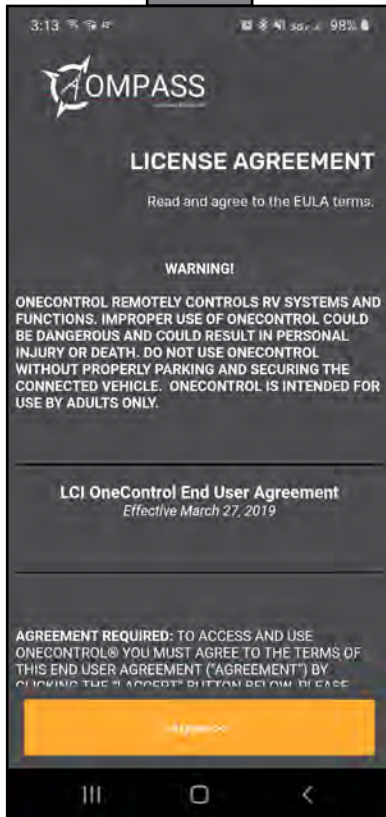


Fig. 5

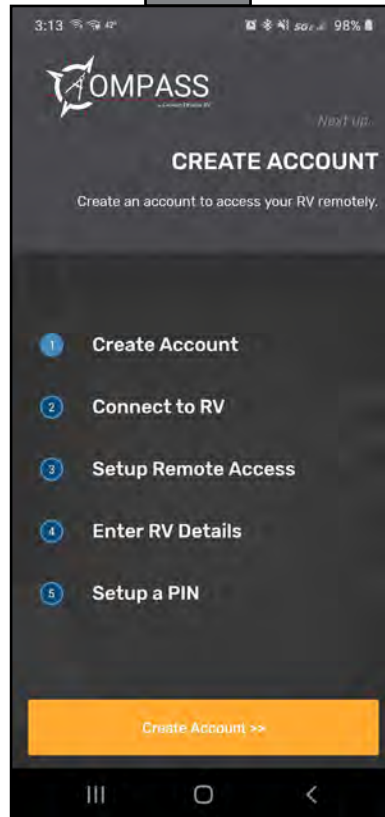


Fig. 6

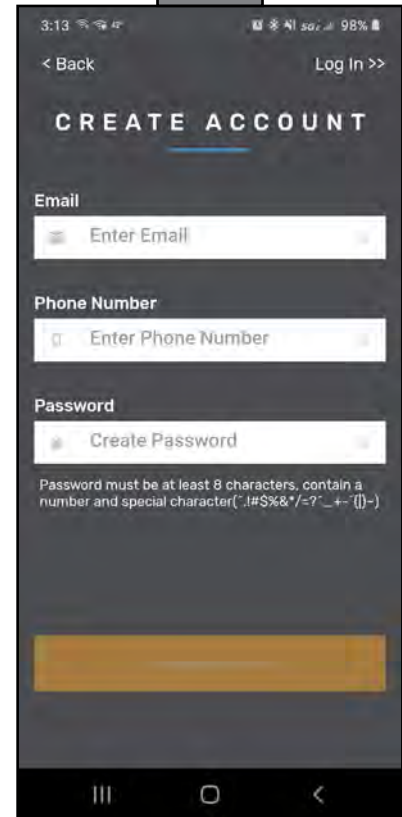


Fig. 7

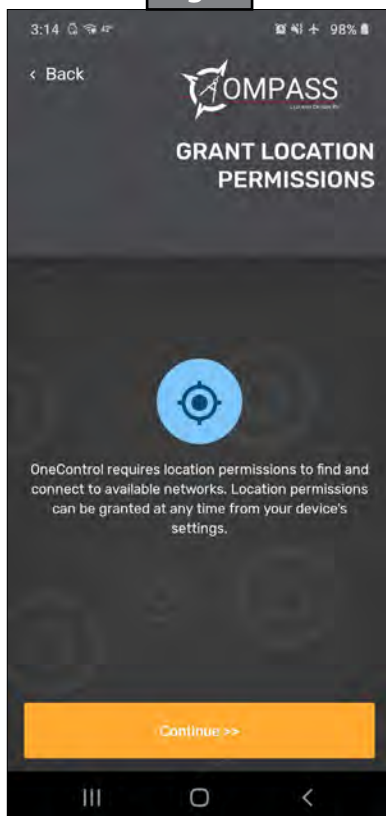


Fig. 8

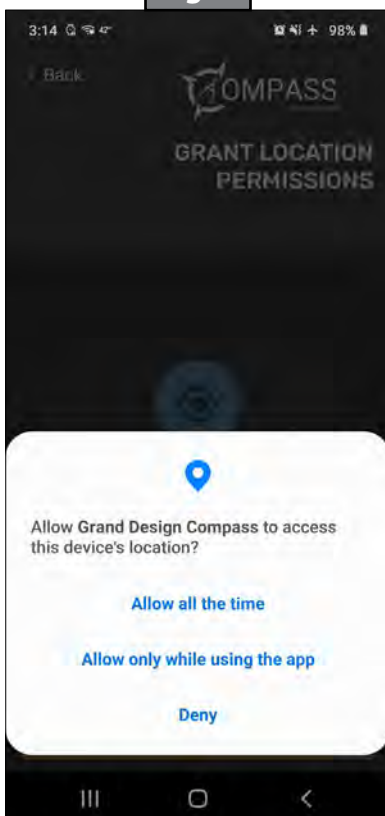
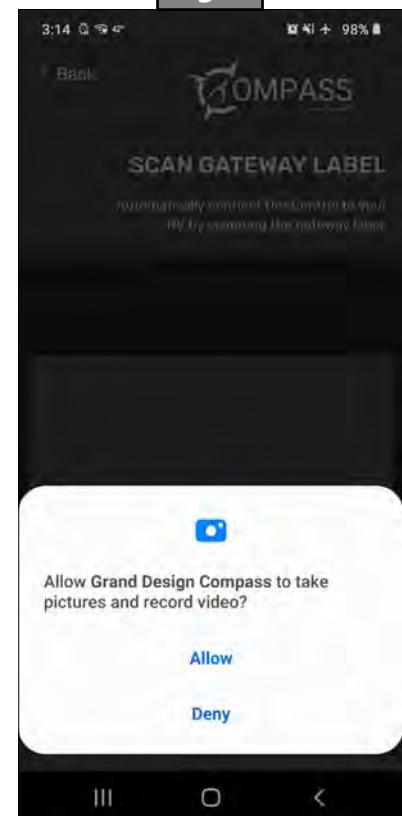


Fig. 9



6. Scan the label's QR code with the phone's camera (Figs. 10 and 11).

NOTE: Optionally, press Connect Manually (Fig. 10A) to select an RV gateway from a list. The ID and password are contained on a sticker attached to the gateway in the unit.

7. Press Connect (Fig. 12A).

8. To finish setup, enter details about the RV (Fig. 13), including year (Fig. 14) and model (Fig. 15).

Fig. 10

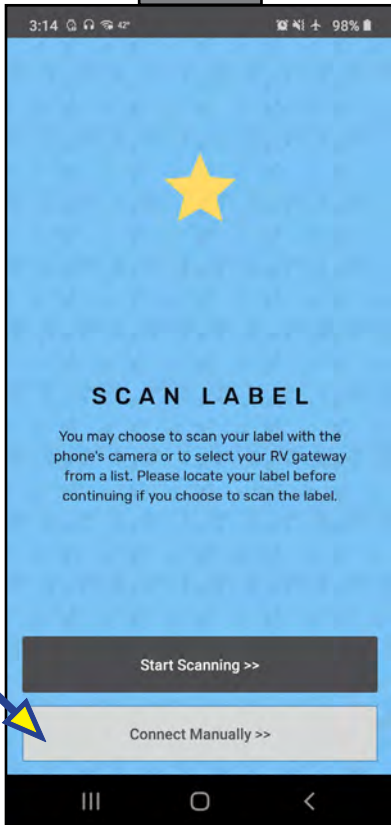


Fig. 11

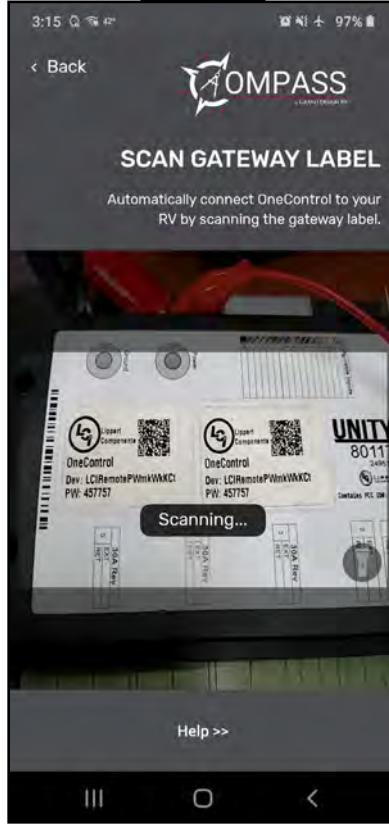


Fig. 12

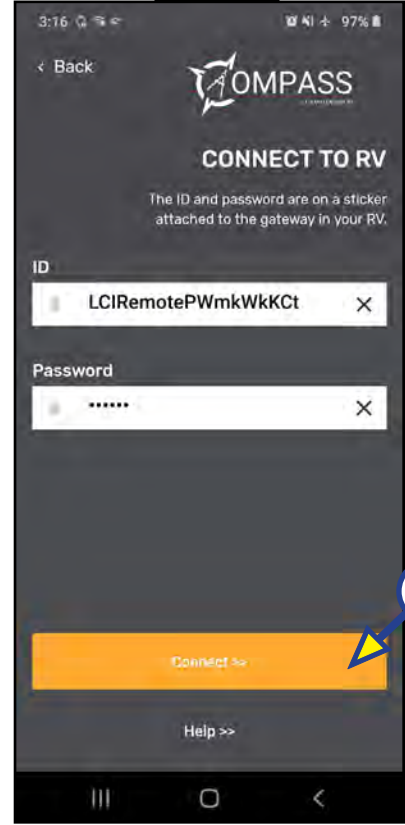


Fig. 13

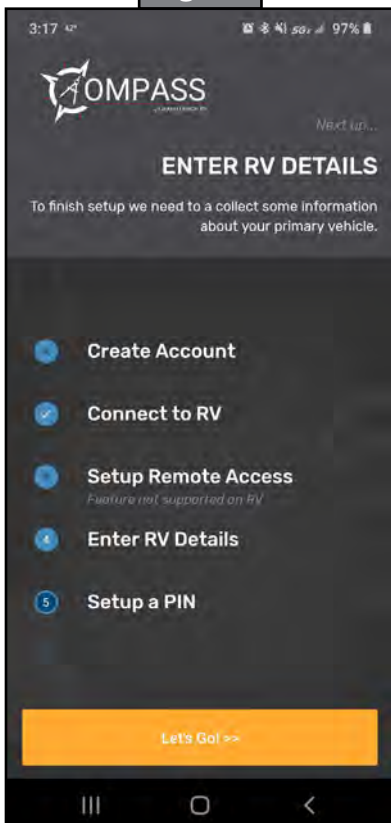


Fig. 14

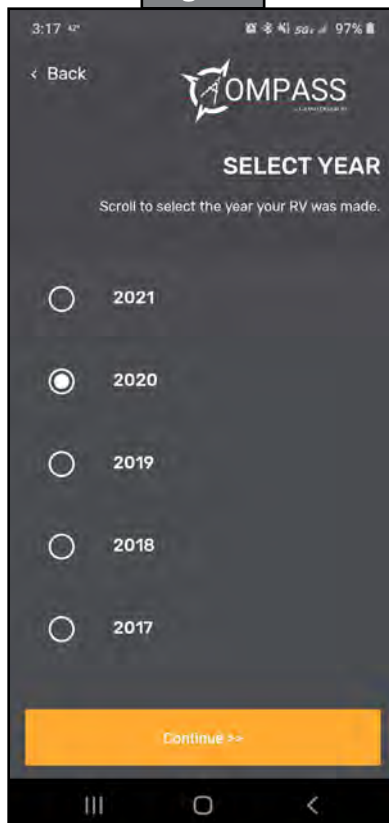
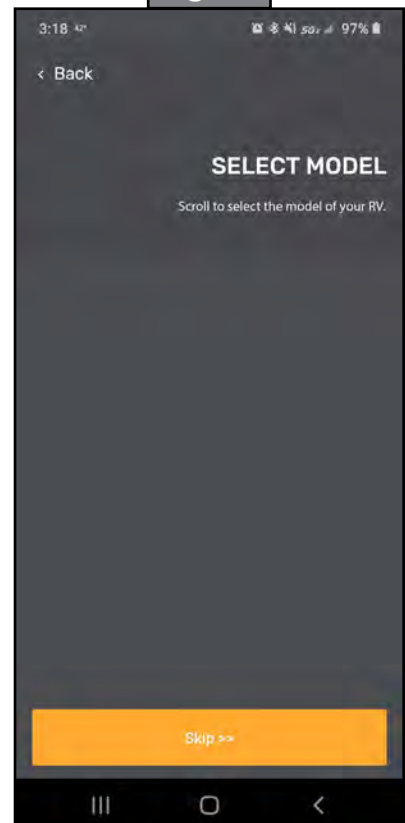
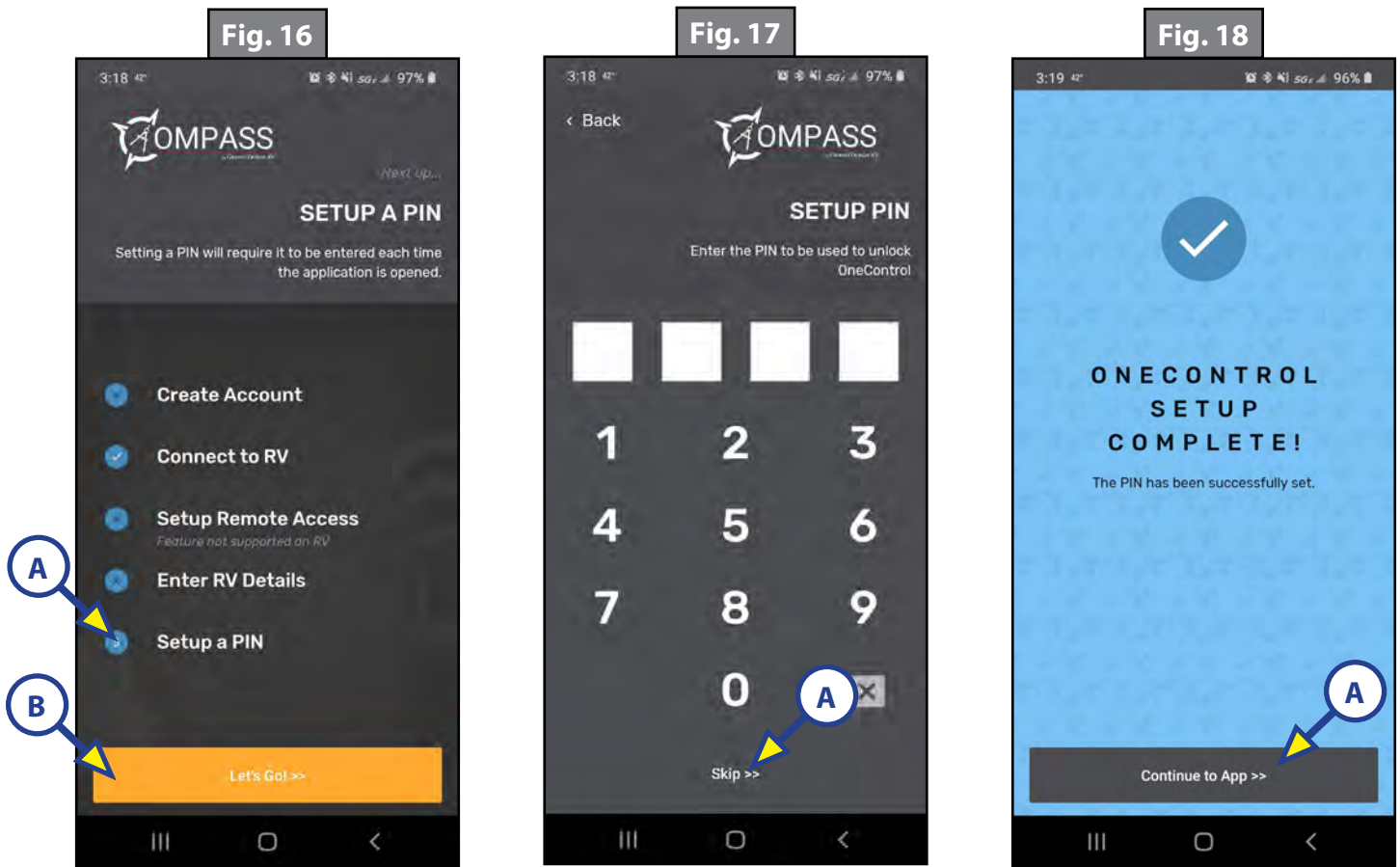


Fig. 15



9. Press option 5 to set up a PIN (Fig. 16A). Setting a PIN (Fig. 17) will require it to be entered each time the application is opened. Optionally, press Skip (Fig. 17A) to bypass the PIN setup.
10. OneControl setup is complete (Fig. 18). Press Continue to App (Fig. 18A).



Operation

HOME Screen

1. All lighting can be turned on or off by clicking on the Turn Off/Turn On All Lights buttons (Figs. 19A and 20A) on the HOME Screen.
 2. The Favorite Device shortcut option, and other settings for the device, can be accessed by clicking on the device's next button (>) (Fig. 20B) to open its settings screen.
- NOTE:** Selecting Yes for a Favorite Device (Fig. 21A) places a shortcut for the device's settings in the HOME screen. Selecting No (Fig. 22A) deletes the device shortcut from the HOME screen (Fig. 23).
- A. If the listed favorite devices have a quick settings slider button preceding the device name (Fig. 19B), the device can be turned on or off by this button without having to open the device's full set of options.
 - B. However, doing so bypasses other device options.
3. After making setting changes, click on the device's back button (<) (Fig. 21B) to return to the HOME screen.

Fig. 19

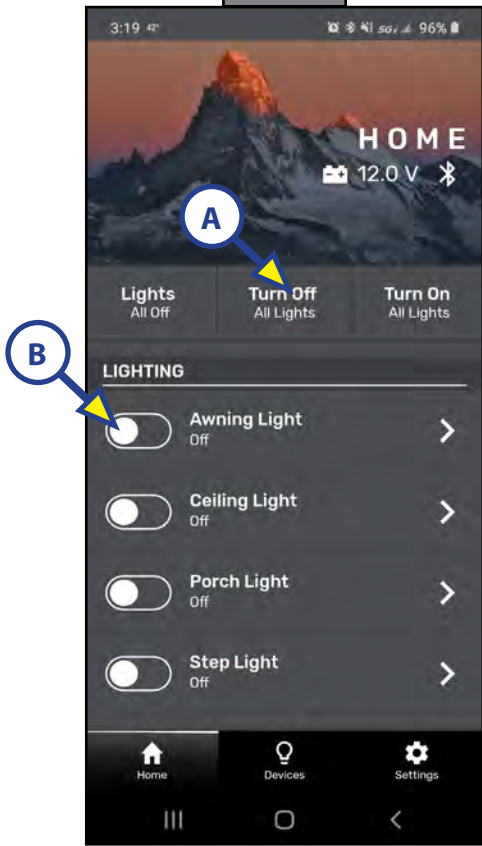


Fig. 20

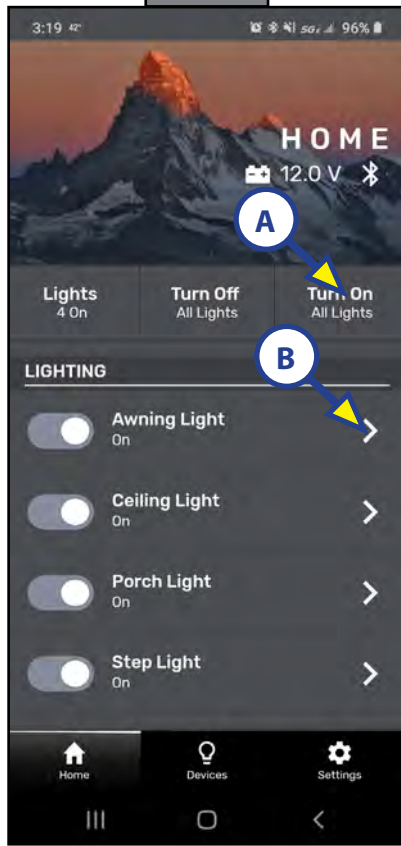


Fig. 21

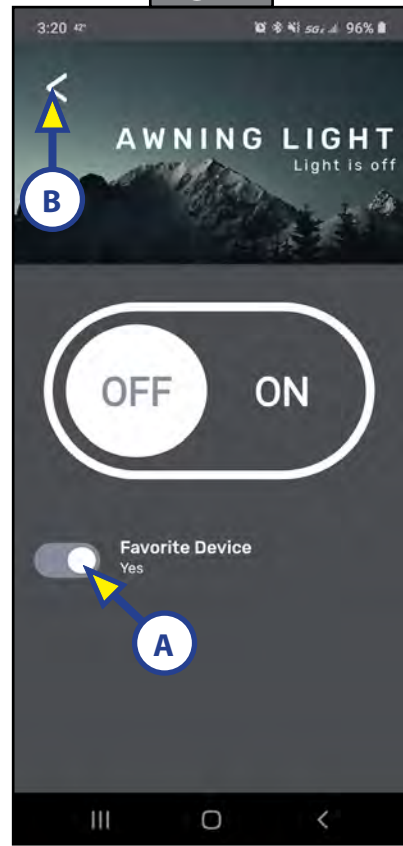


Fig. 22

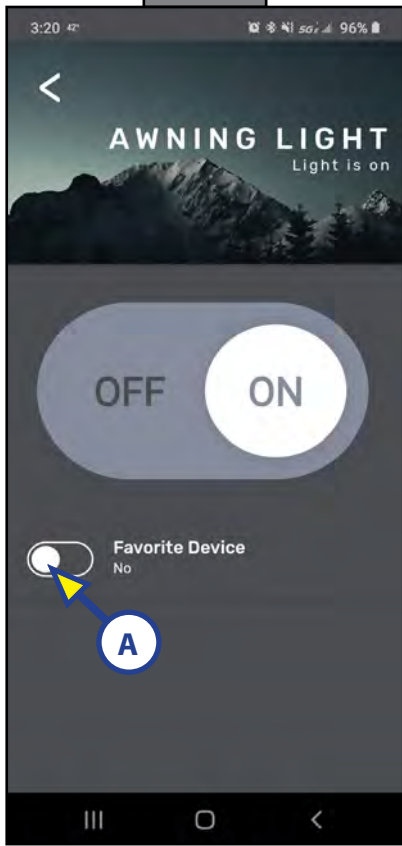
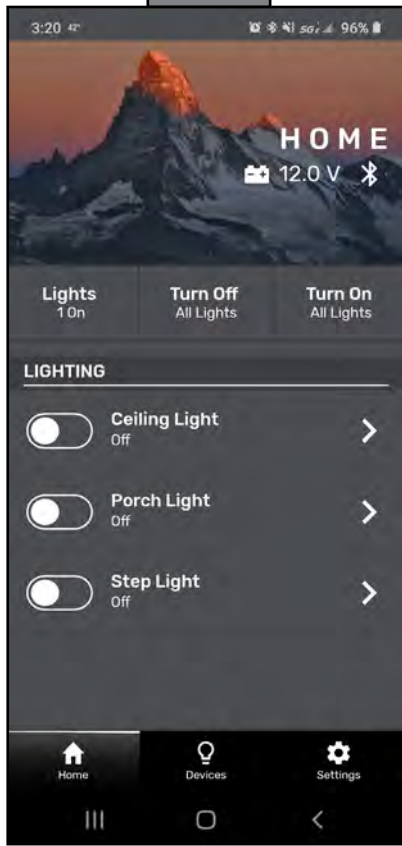
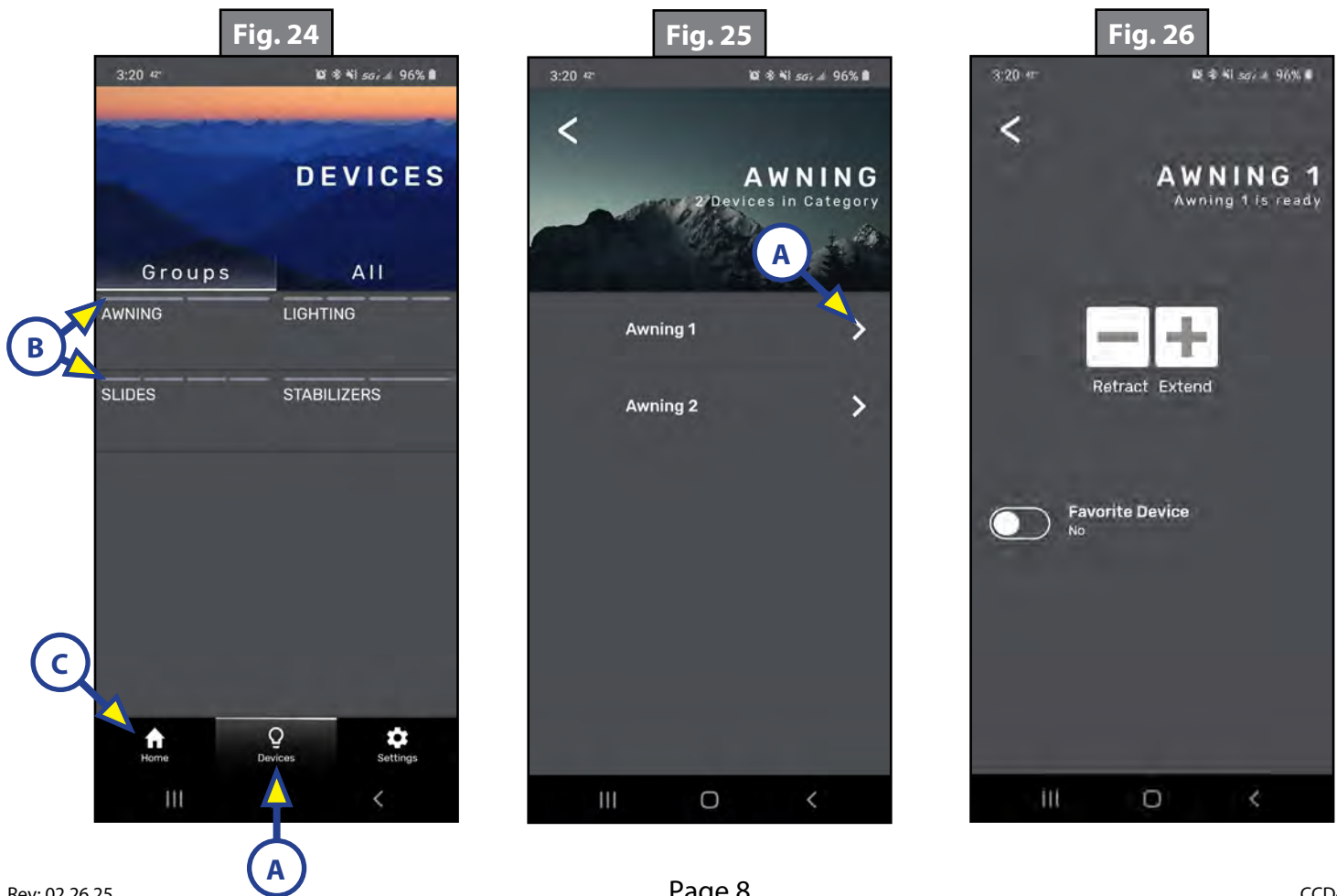


Fig. 23



DEVICES Screen

1. The DEVICES category icon is in the center of the three icons on the bottom of the screen (Fig. 24A).
2. The DEVICES category screen offers two navigational options: Groups and All (Fig. 24).
 - A. The Groups navigational option alphabetically lists the trailer's available features: Awnings, Lighting, Slides and Stabilizers.
 - B. Groups shows the number of features for that category by the number of light blue horizontal bars directly above the group name (Fig. 24B). For instance, Awnings has two bars for two features, Lighting has four bars for four features, Slides has four bars for four features, etc.
 - C. The All navigational option alphabetically lists all available features, regardless of grouping, whether the device is turned off or on or is set as a Favorite Device.
 - D. From the Groups menu, selecting a feature group opens the individual features for that group.
 - I. For example, selecting AWNING opens the AWNING category.
 - II. The number of devices in that category is stated under the category name in the left navigation bar (Fig. 24B).
 - III. Each device has a next button (>) (Fig. 25A) that indicates settings are available for that device. Pressing anywhere on the device name or next button (>) will open the device's settings window (Fig. 26).
3. To use a feature, press the name of a feature group and select the device to be operated.
 - A. Press the AWNING feature (Fig. 24) and select Awning1 or Awning2 (Fig. 25). Press (-) to retract the awning and press (+) to extend the awning (Fig. 26).
 - B. Press the LIGHTING feature (Fig. 24) and select Awning Light, Ceiling Light, Porch Light or Step Light (Fig. 29). Turn it OFF or ON.
 - C. Press the SLIDE feature (Fig. 24) and select Slide1, Slide2, Slide3 or Slide4. Press (-) to retract the slide and press (+) to extend the slide (Fig. 31).
 - D. Press the STABILIZER feature (Fig. 24) and select Front Stabilizer or Rear Stabilizer (Fig. 32). Press UP or DOWN.



4. After all desired options for devices within the selected group have been set, click on the category back button (<) left of the category name to return to the Devices category screen (Fig. 24).
5. When done setting options from the DEVICES screen (Fig. 24), click on the Home icon (Fig. 24C) to return to the main HOME screen.

Fig. 27

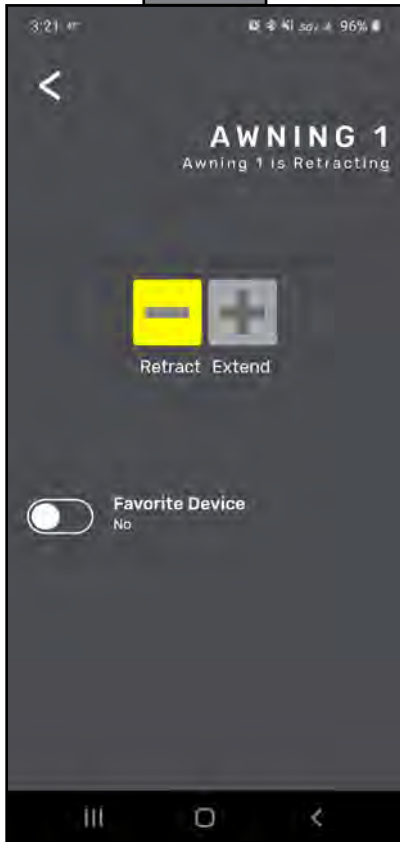


Fig. 28

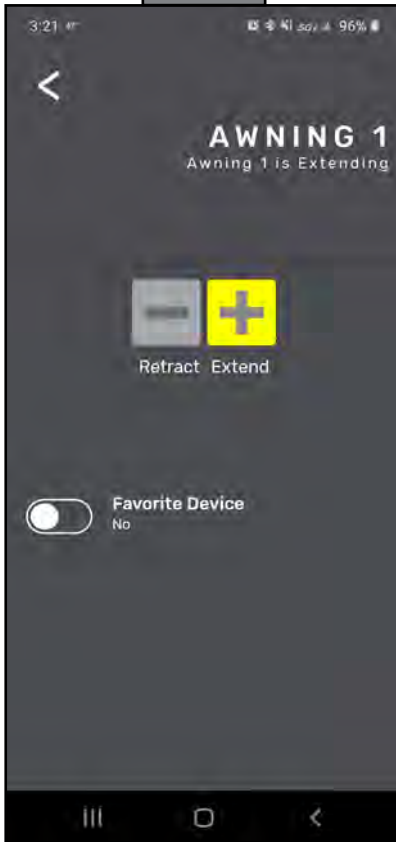


Fig. 29

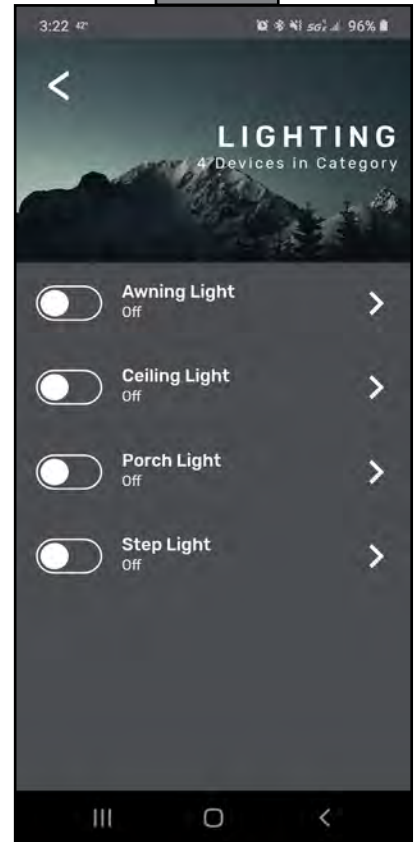


Fig. 30

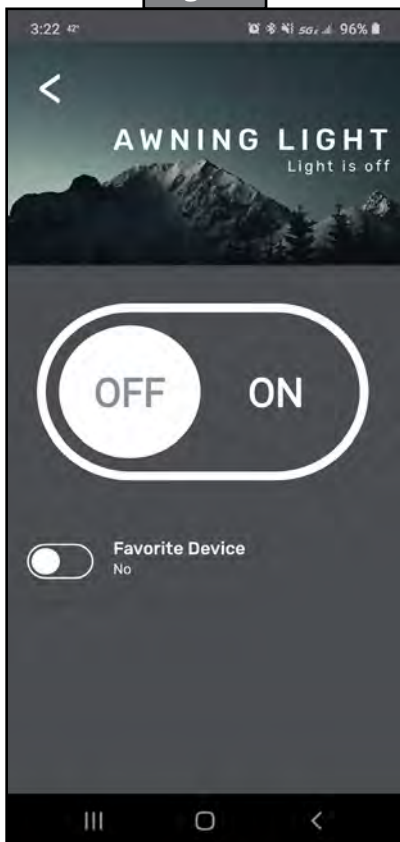
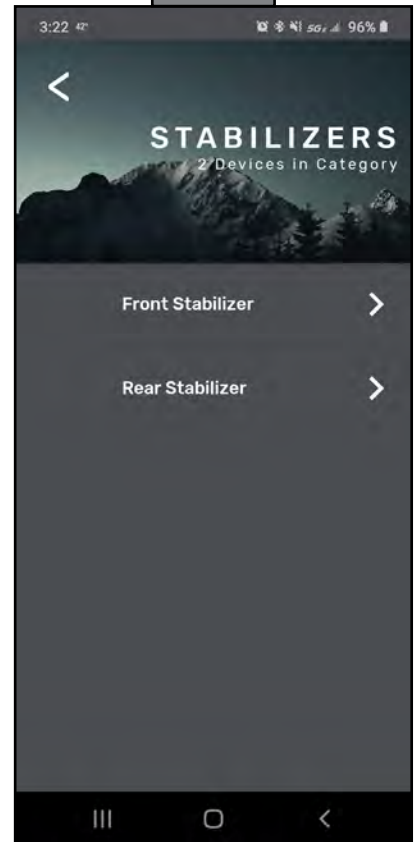


Fig. 31



Fig. 32

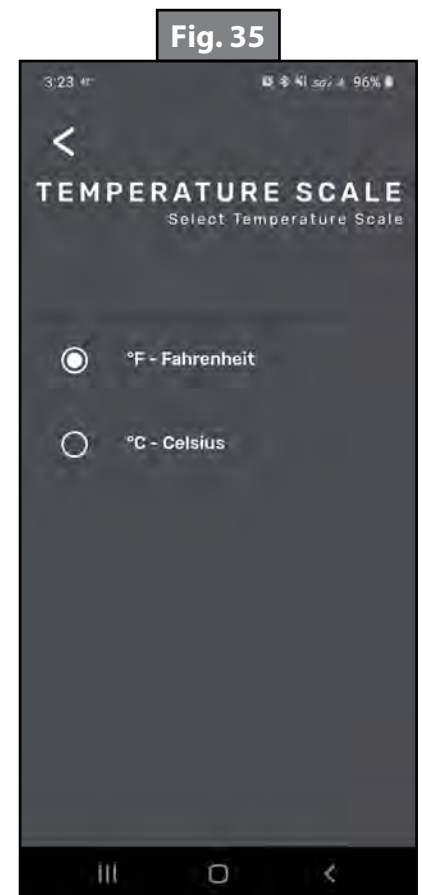
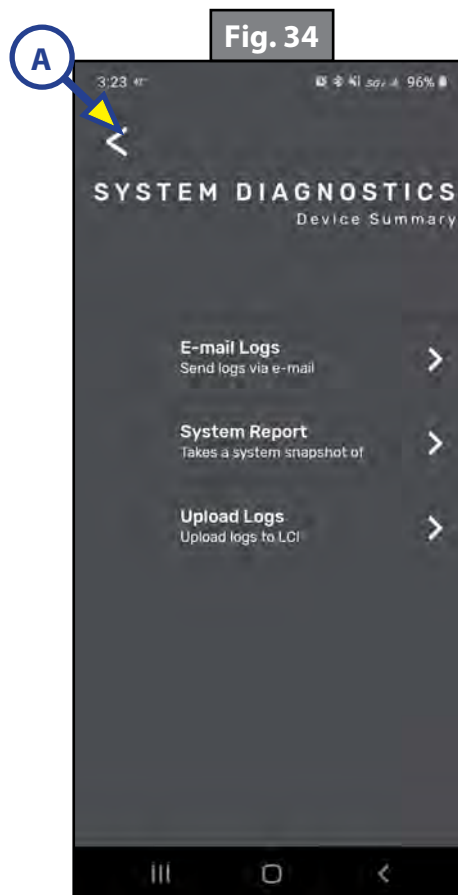
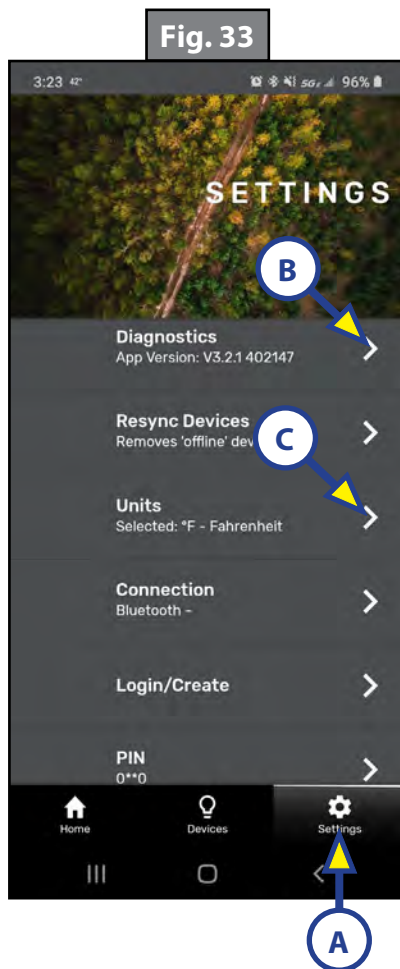


SETTINGS Screen

1. The SETTINGS category tab is located on the bottom right of the screen (Fig. 33A).
2. The SETTINGS category offers six options (Fig. 33): Diagnostics, Resync Devices, Units, Connection, Login/Create, PIN.
 - A. Below each setting option name is a brief description of the option.
 - B. Clicking on a setting's options next button (>) (Fig. 33B) opens that option's settings window (Fig. 34).
 - C. Click on the option's main back button (<) (Fig. 34A) to return to the Settings main screen.
3. Brief descriptions of Settings (Fig. 33) options:

NOTE: This is a device summary report only. Device settings cannot be made through this option. Device settings can only be changed through the Devices screen.

- A. Diagnostics — App Version: System Report, snapshot summary of trailer's available devices.
- B. Resync — Removes "off-line" devices. This option is used to resync the system devices after one has been removed, serviced or repaired and shown to be off-line.
- C. Units (33C) — Shows the currently selected temperature unit of scale (Fig. 35).
- D. Connection — Shows Bluetooth Connection.
- E. Login/Create — Offers the Log In and Create Account options.
- F. PIN — Goes to the PIN screen.



Troubleshooting

What is Happening	Why?	What Should Be Done?
Device not available.	Device not configured.	Contact Lippert Components, Inc.
Manual switches are locked out.	User has function open.	Disengage lockout feature by pressing any manual switch.



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POWERED BY

ONEControl®

BY  **LIPPERT**

COMPASS CONNECT®

By **GRAND DESIGN**

OWNER'S MANUAL

APP VERSION 5

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Introduction

The Grand Design Compass Connect® Application is based on Lippert™ OneControl® application architecture, which provides system controls and monitoring software for the recreational vehicle. The system can include slide-outs, leveling system, awnings and lighting.

For information on the assembly or individual components of this product, please visit:

<https://support.lci1.com/electronics-support-onecontrol-wireless-formerly-myrvreg>.

NOTE: Images used in this document are for reference only when assembling, installing and/or operating this product. Actual appearance of provided and/or purchased parts and assemblies may differ.

NOTE: If a previous version of the Compass Connect® app is installed on the smart device please ensure that the app is updated to the latest version.

Safety

Read and understand all instructions before installing or operating this product. Adhere to all safety labels.

This manual provides general instructions. Many variables can change the circumstances of the instructions, i.e., the degree of difficulty, operation and ability of the individual performing the instructions. This manual cannot begin to plot out instructions for every possibility, but provides the general instructions, as necessary, for effectively interfacing with the device, product or system. Failure to correctly follow the provided instructions may result in death, serious personal injury, severe product and/or property damage, including voiding of the Lippert limited warranty.



The "WARNING" symbol above is a sign that a procedure has a safety risk involved and may cause death or serious personal injury if not performed safely and within the parameters set forth in this manual.



Failure to follow instructions provided in this manual may result in death, serious personal injury and/or severe product and property damage, including voiding of the component warranty.

⚠ CAUTION

The “CAUTION” symbol above is a sign that a safety risk is involved and may cause personal injury and/or product or property damage if not safely adhered to and within the parameters set forth in this manual.

⚠ CAUTION

Moving parts can pinch, crush or cut. Keep clear and use caution.

Preparation

NOTE: Setting up the Grand Design Compass Connect App requires both Wi-Fi and Bluetooth to be turned on and the user must be within 25 feet of the trailer. The minimum requirements for a smart device are IOS 12.0 or newer or Android 6.0 or newer.

1. Download the free Grand Design Compass Connect App onto a smart device by searching for Grand Design Compass Connect on the App Store or Google Play Store (Fig. 1) and install (Fig. 2) to launch the app (Fig. 3).

Fig. 1

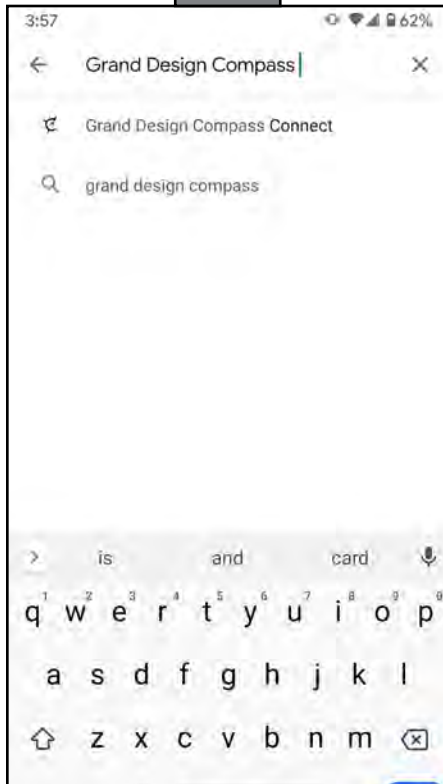


Fig. 2

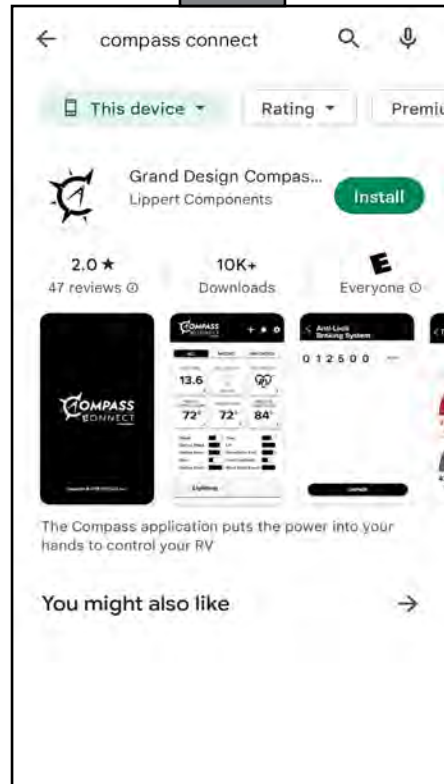


Fig. 3



App Store® is a trademark of Apple Inc. Android™ and Google Play™ are trademarks of Google LLC.

2. Read and agree to the End User License Agreement by tapping Agree >> (Fig. 4A).
3. Tap Login >> (Fig. 5A) to log in to the account. Enter account email and password (Fig. 6).
 - A. If you do not have an account, tap Create Your Account >> (Fig. 5B) to register a New User account. Enter the required information, including first and last name, email, address, password, phone number and VIN (Fig. 7). The password must be at least eight characters and contain a number and a special character.
 - B. Agree to the Terms and Conditions (Fig. 7A) and tap Register (Fig. 7B).

Fig. 4

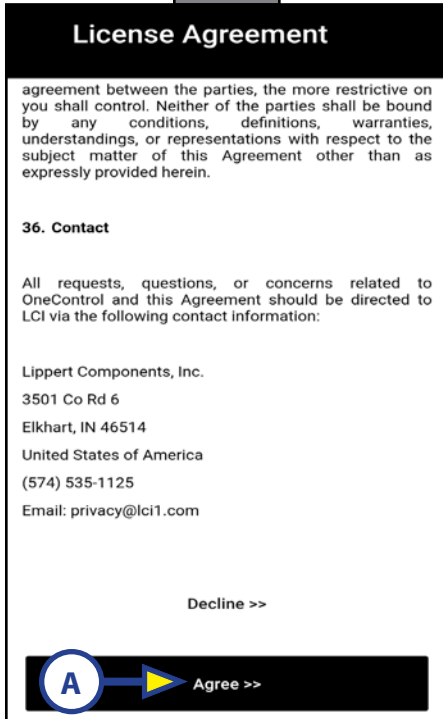


Fig. 5

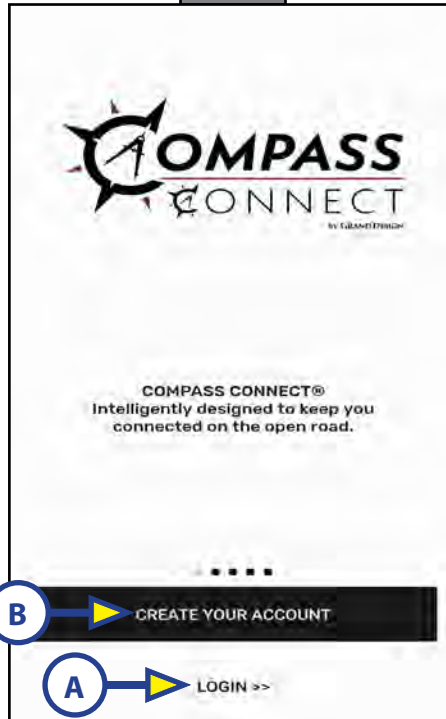


Fig. 6

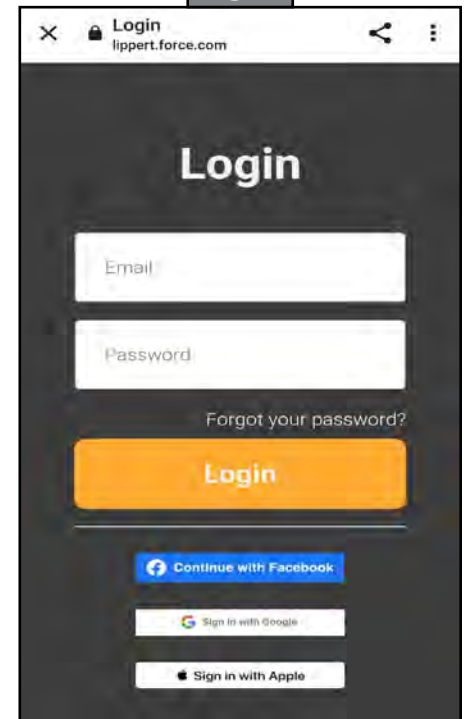


Fig. 7

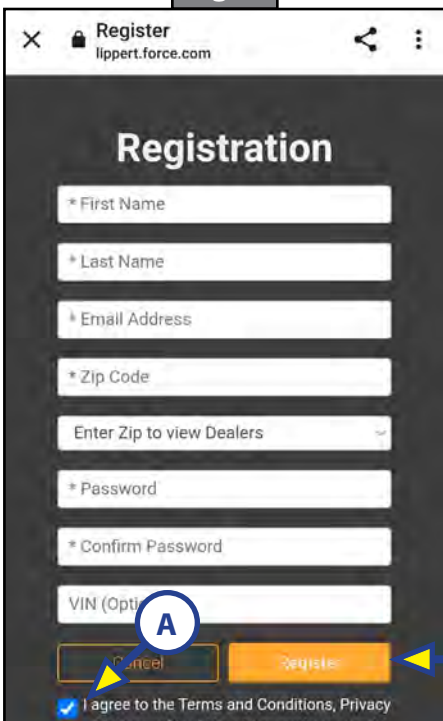


Fig. 8

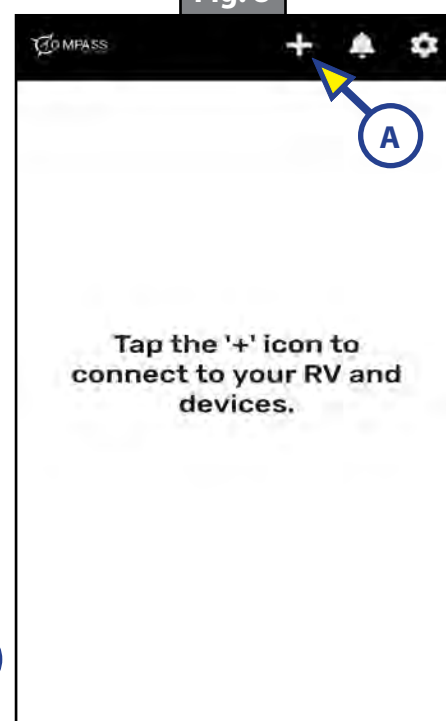
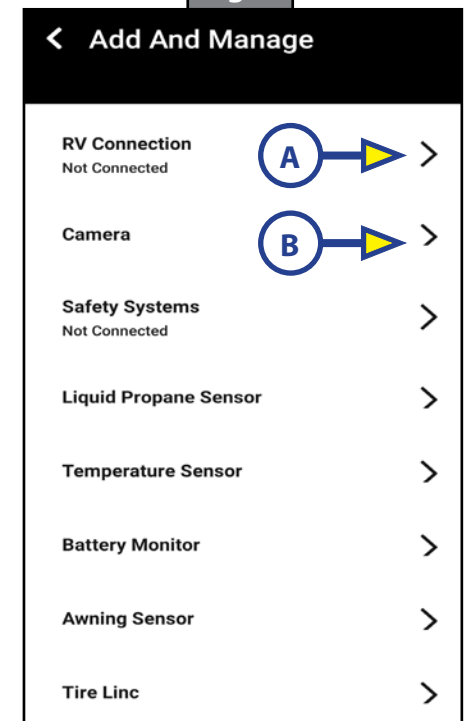


Fig. 9



4. Tap the "+" icon (Fig. 8A) to connect to your RV and devices.
5. Tap RV Connection > (Fig. 9A).
 - A. For units with a Compass Connect monitor panel (Fig. 12):
 - I. Tap Push to Pair (Fig. 10A), then follow instruction on next screen (Fig. 11).
 - II. Press the Bluetooth® pairing button on the monitor panel (Fig. 12A).
 - B. For units without a Compass Connect monitor panel:
 - I. Tap Scan with Camera (Fig. 10B), grant the necessary permissions as they are presented, and then scan the QR code label on the device (Fig. 13A).

NOTE: QR code label is found on the Lippert controller located in the pass through compartment, or on the monitor panel.

Fig. 10

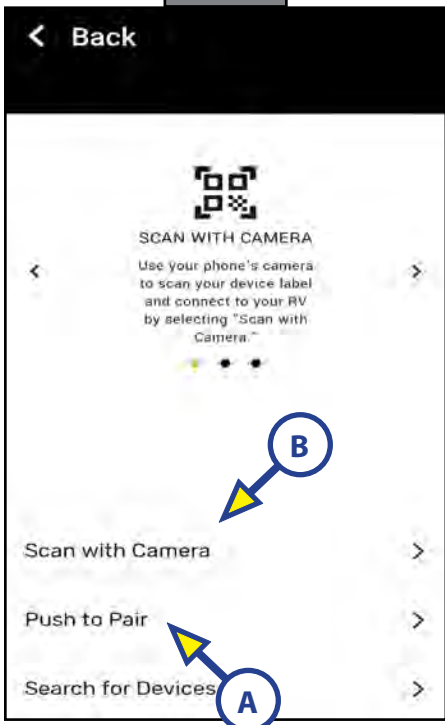


Fig. 11

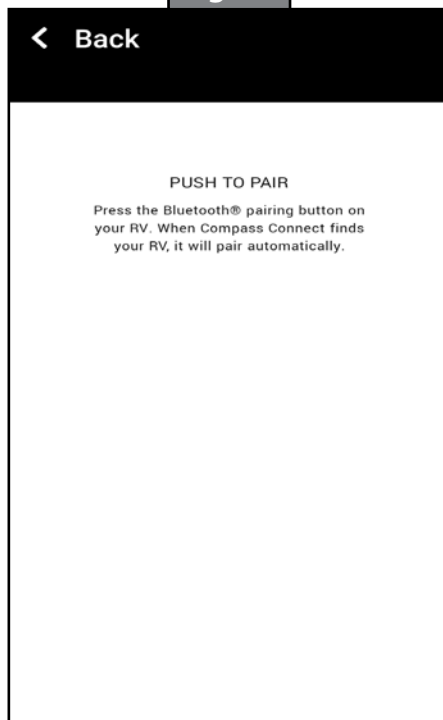


Fig. 12



6. The screen will note RV Connected Successfully, tap Continue (Fig.14A).
7. Enter details about the RV, including year, make, model and floor plan (Fig. 15).
8. Tap Confirm >> (Fig. 15A) to finish initial set up of the Compass Connect app.
9. Tap Continue >> (Fig. 16A) to go to the app home screen (Fig. 17).

Fig. 13

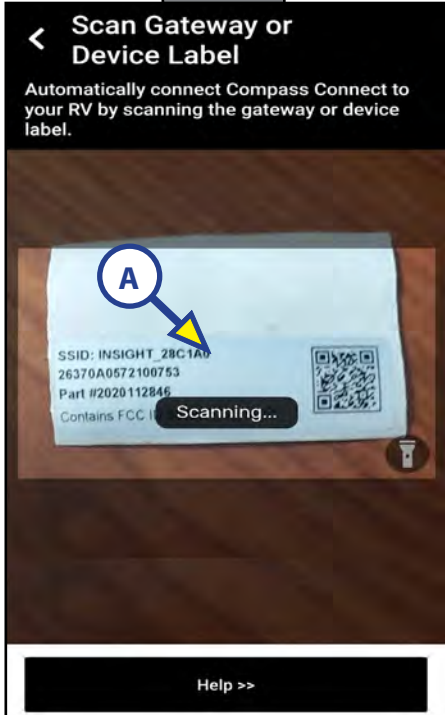


Fig. 14



Fig. 15

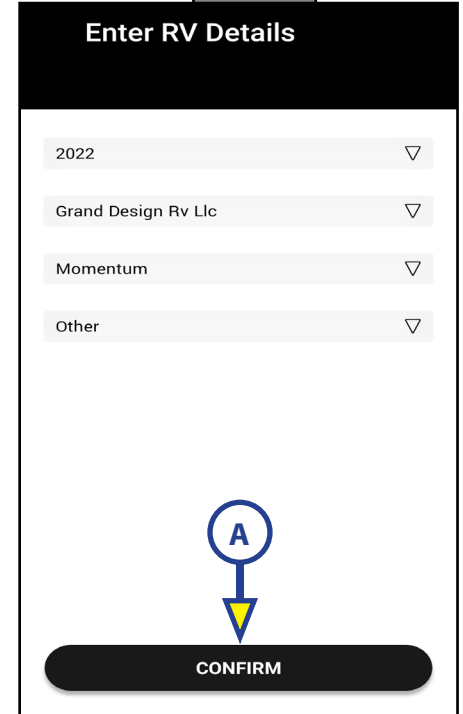


Fig. 16



Operation

HOME Screen

1. Tap the "+" icon (Fig. 17A) to add a new accessory (e.g. Lippert Insight Back-up Camera).
2. At the ADD AND MANAGE screen, tap Camera > (Fig. 9B) and follow the prompts for adding the new accessory.
3. Tap the gear icon (Fig. 17B) to access the SETTINGS page (Fig. 18). From the settings page you can:
 - A. Display app diagnostics (Fig. 18A) — App Version: System Report, snapshot summary of trailer's available devices.

NOTE: Diagnostics should only be used under guidance from a Lippert Customer Care Center representative.

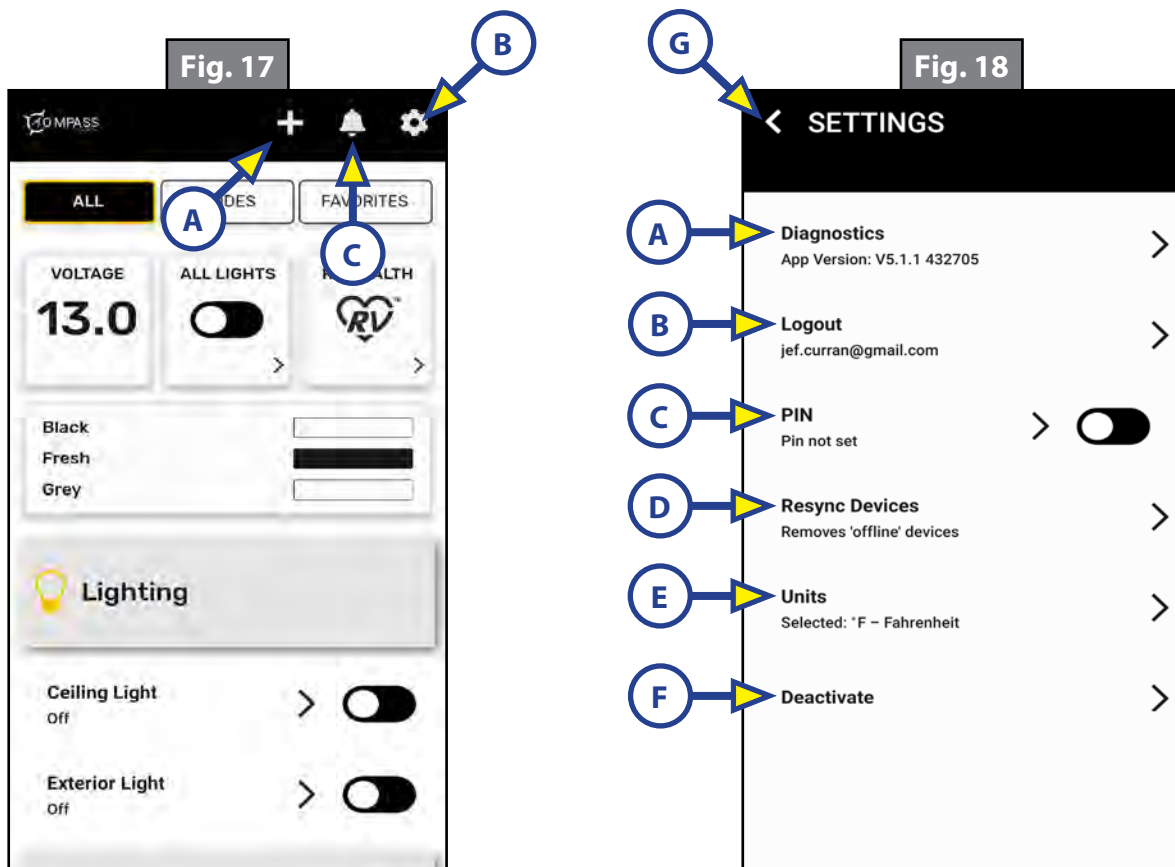
- B. Login or Logout of the user account (Fig. 18B).
- C. Create a 4-digit security PIN (Fig. 18C).
- D. Re-sync devices (Fig. 18D) - Removes "off-line" devices. This option is used to re-sync the system devices after one has been removed, serviced or repaired and shown to be off-line.

NOTE: Re-sync Devices should only used under guidance from a Lippert Customer Care Center representative.

- E. Change the app's Units (Fig. 18E) from Fahrenheit to Celsius.
- F. Deactivate (Fig. 18F) existing account.

NOTE: Account data will be retained for 30 days upon request for account deactivation. Within 30 days, it will be deleted.

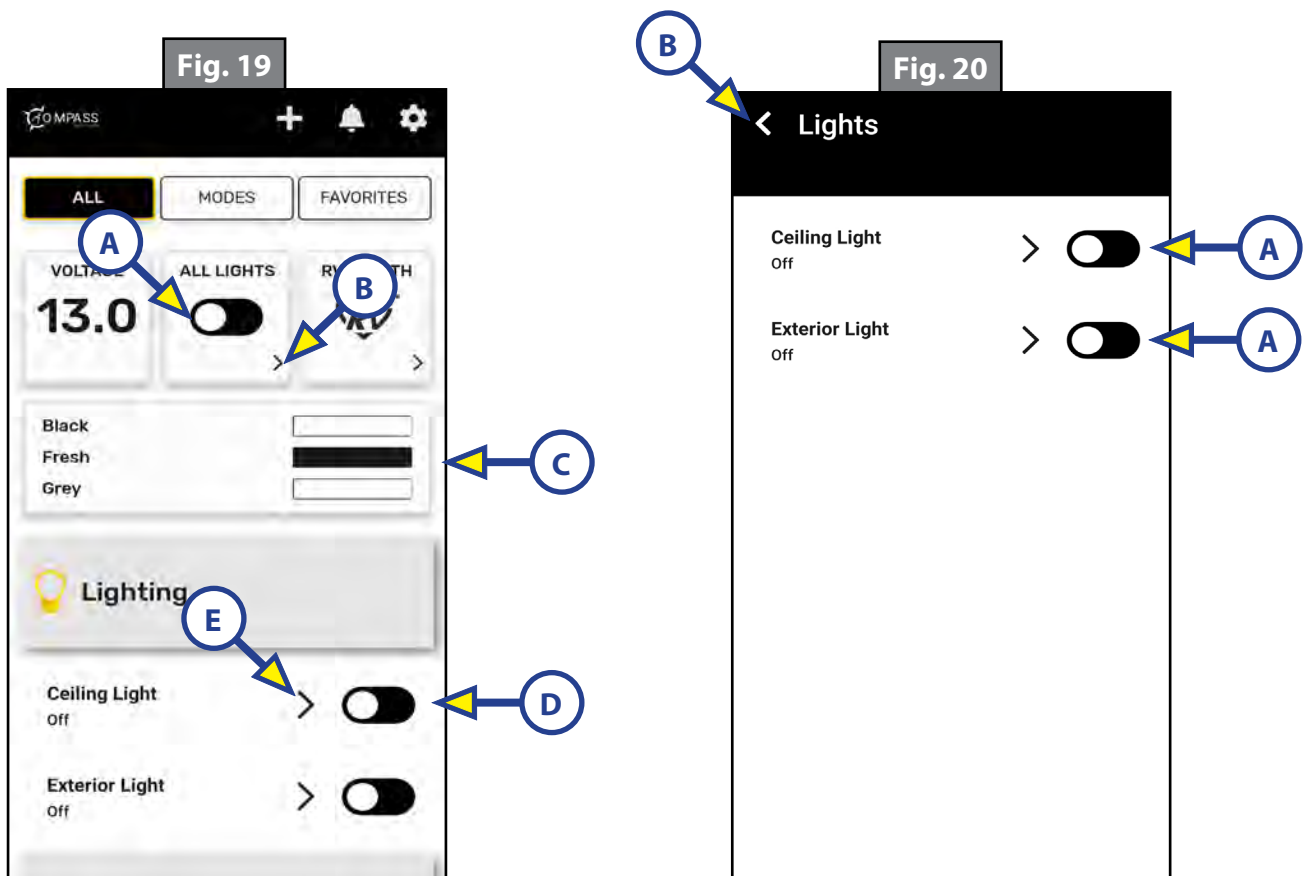
4. Tap the back icon (Fig. 18G) to return to the Home Screen.
5. Tap the bell notification icon (Fig. 17C) to view any notifications from the app.



Devices

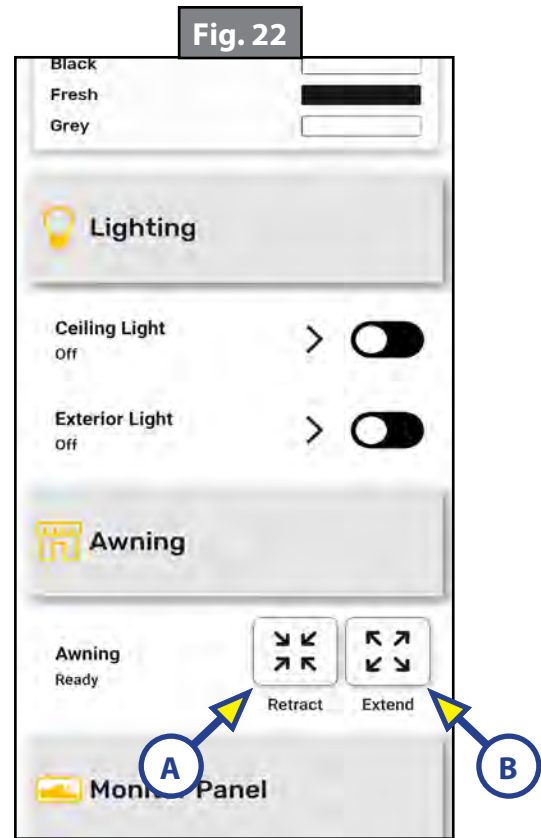
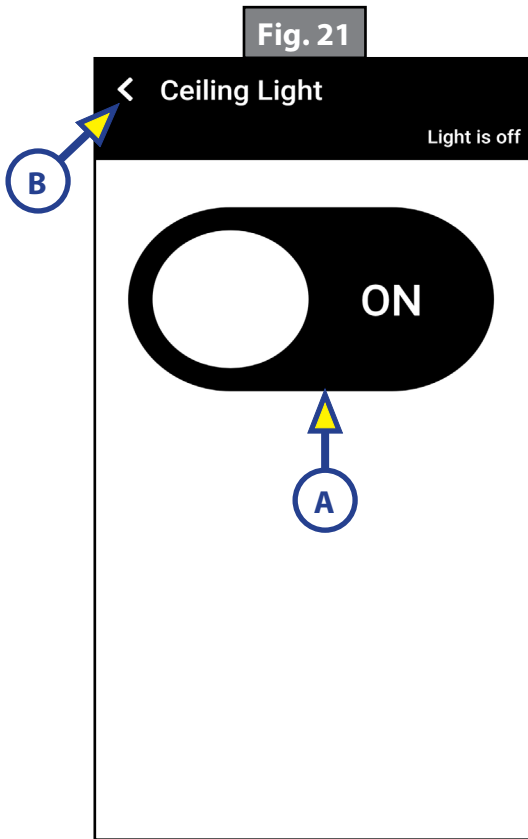
1. Tap the "All Lights" slider switch (Fig. 19A) to turn all lights on, tap it again to turn all lights off.
 - A. Tap ">" (Fig. 19B) to go to LIGHTING (Fig. 20). Tap the slider switches (Fig. 20A) to toggle on or off individual lights.
 - B. Tap the "<" icon (Fig. 20B) to go back to the Home Screen (Fig. 19).
2. Current storage tank levels are displayed in the tank monitor (Fig. 19C).
3. Turn lights, water heaters, pumps, etc, on or off by tapping the slider switches (Fig. 19D) to the right of the component's name.
 - A. Tap the ">" icon (Fig. 19E) to open the individual control for that device (Fig. 21) and then tap the OFF/ON Slider Switch (Fig. 21) to toggle the component on or off.
 - B. Tap the "<" icon (Fig. 21B) to go back to the Home Screen (Fig. 19).

NOTE: Use index finger to swipe up or down on the home screen.



4. Retract or extend awnings, slides, etc. by tapping and holding the "Retract" (Fig. 22A) or "Extend" (Fig. 22B) icons.

NOTE: Movement of the component will stop when icon is released.



Health Monitor

NOTE: RV Health Monitor is only available when the smart device has accessibility to the Internet via cellular data or Wi-Fi.

1. Swipe to the bottom of the home screen and tap RV Health Monitor (Fig. 23A).
2. RV Health Monitor will show the status of various trailer systems. Tap on the system (Fig. 24A) to open up details for that system (Fig. 25).

NOTE: If any Status (Fig. 25A) indicators are not green, please contact Lippert Care Center for assistance (Fig. 25B).

Fig. 23

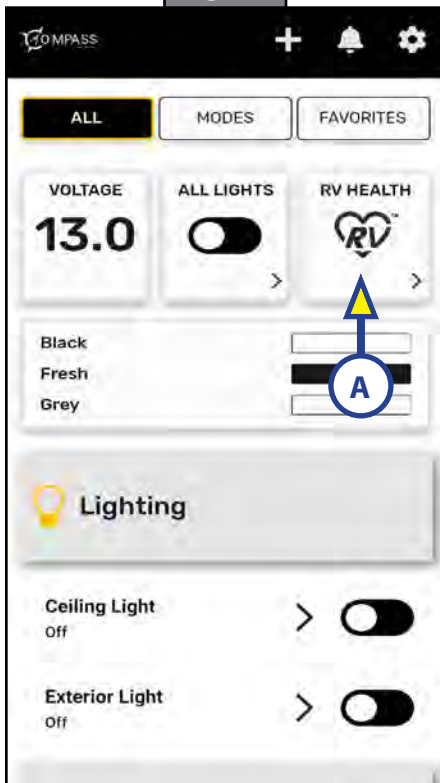


Fig. 24

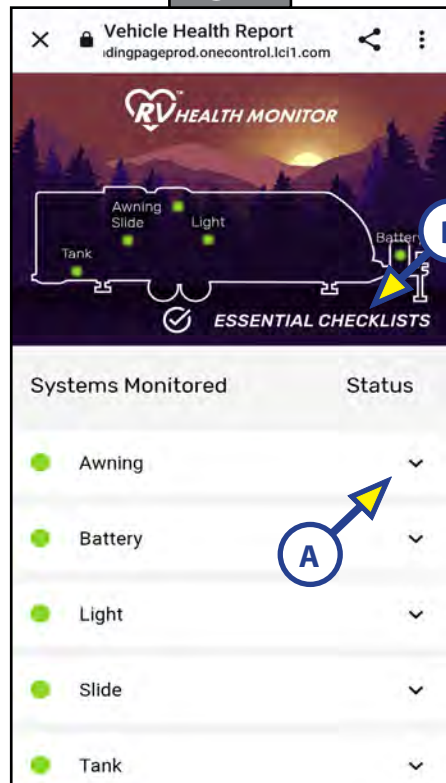
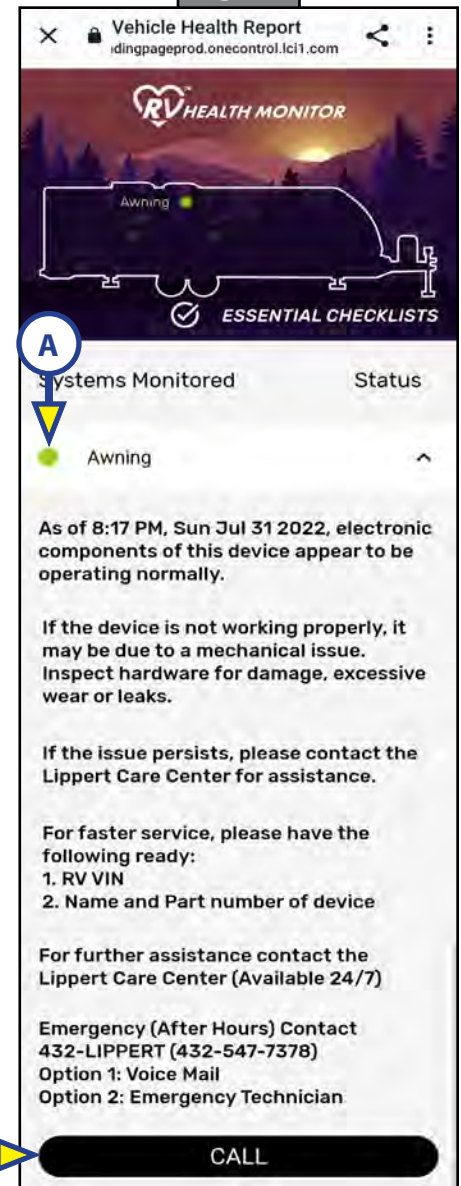


Fig. 25



3. Tap Essential Checklist (Fig. 24B) to go to the Essential Checklists page (Fig. 26).
4. Tap the desired checklist (Fig. 26A) to open the drop down list of items to check (Fig. 27).
5. Tap the circle (Fig. 27A) next to the item in the list when complete. This will apply a completed "check mark" next to the item.

NOTE: Tap the item (Fig. 27B) to open a drop down list of more information. Tap again to close.

6. When all items in the list are complete, the app will indicate that this check list is complete (Fig. 28). Tap "ok" (Fig. 28A) to clear the notice.
7. To clear the list for another trip, tap Clear All (Fig. 28C).

Fig. 26

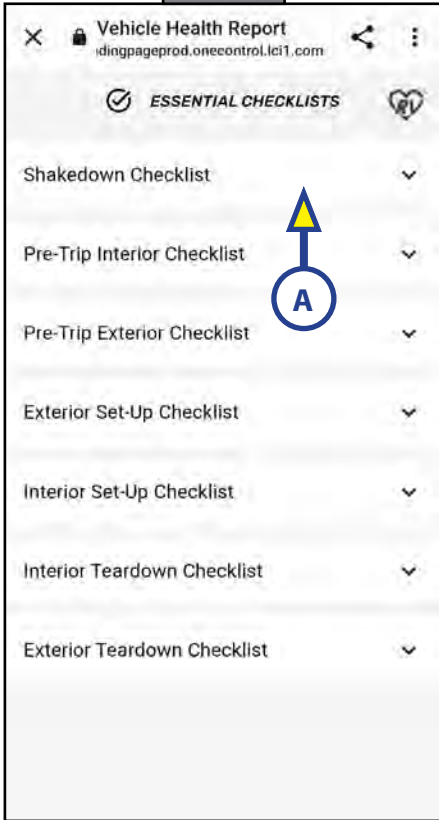


Fig. 27

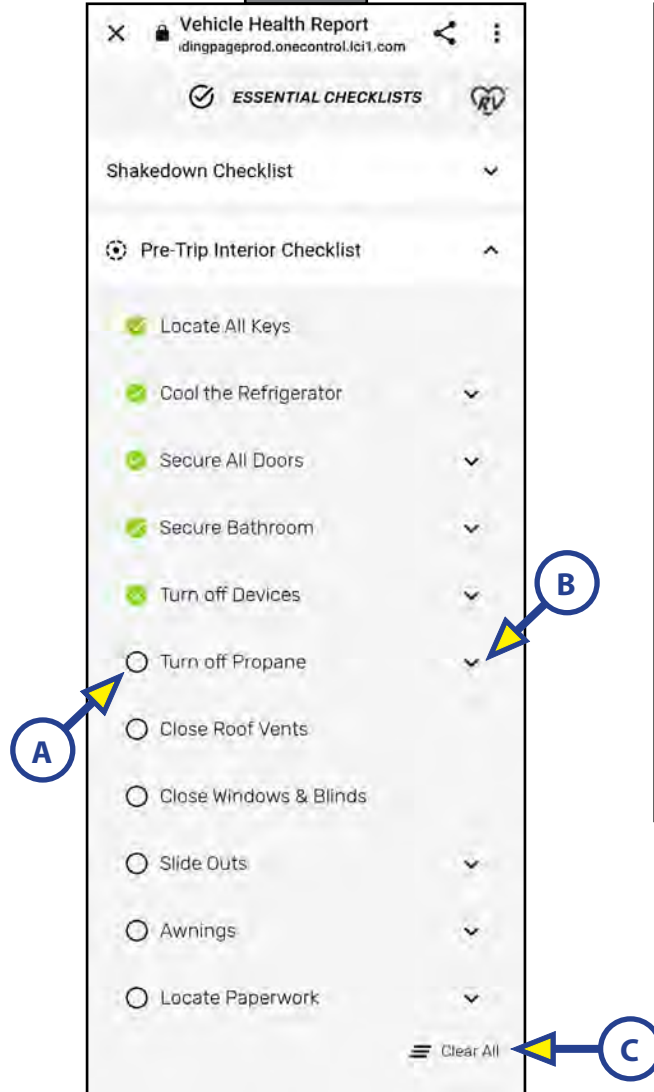
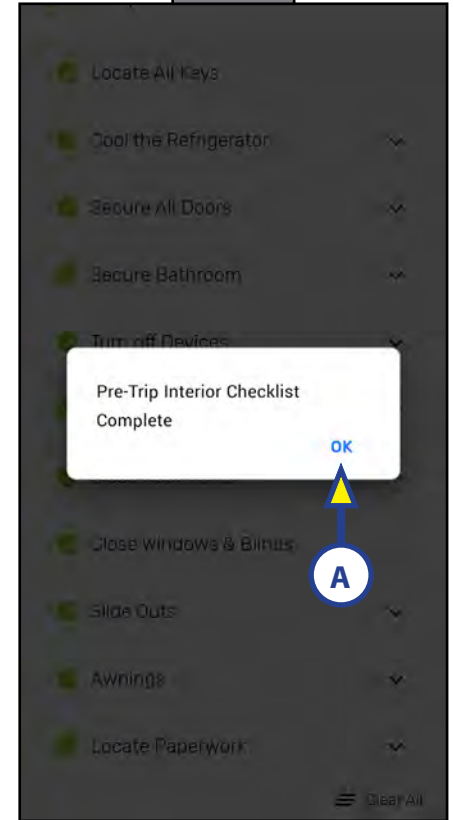


Fig. 28



Troubleshooting

What is Happening	Why?	What Should Be Done?
Device not available.	Device not configured.	Contact Lippert.
Manual switches are locked out.	User has function open.	Disengage lockout feature by pressing any manual switch.



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ONECONTROL[®]
MONITOR PANEL
OWNER'S MANUAL



Scan for product support

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Introduction

The OneControl Monitor Panel (the Panel) works in conjunction with a OneControl Unity Board™ (the Board). Users operate RV devices using the Panel or with a mobile smart device connected to the Controller via Bluetooth with the OneControl App.

Additional information about this product can be obtained from [lci1.com/support](https://support.lci1.com/support) or by downloading the free LippertNOW app. The app is available on Apple App Store® for iPhone® and iPad® and also on Google Play™ for Android™ users.

Apple App Store®, iPhone®, and iPad® are registered trademarks of Apple Inc. Google Play™ and Android™ are trademarks of Google Inc.

For information on the assembly or individual components of this product, please visit:

<https://support.lci1.com/electronics-support-onecontrol-wireless-formerly-myrvreg> .

Note: Images used in this document are for reference only when assembling, installing and/or operating this product. Actual appearance of provided and/or purchased parts and assemblies may differ.

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WARNING

The "WARNING" symbol above is a sign that a procedure has a safety risk involved and may cause death or serious personal injury if not performed safely and within the parameters set forth in this manual.

WARNING

Failure to follow instructions provided in this manual may result in death, serious personal injury and/or severe product and property damage, including voiding of the component warranty.

CAUTION

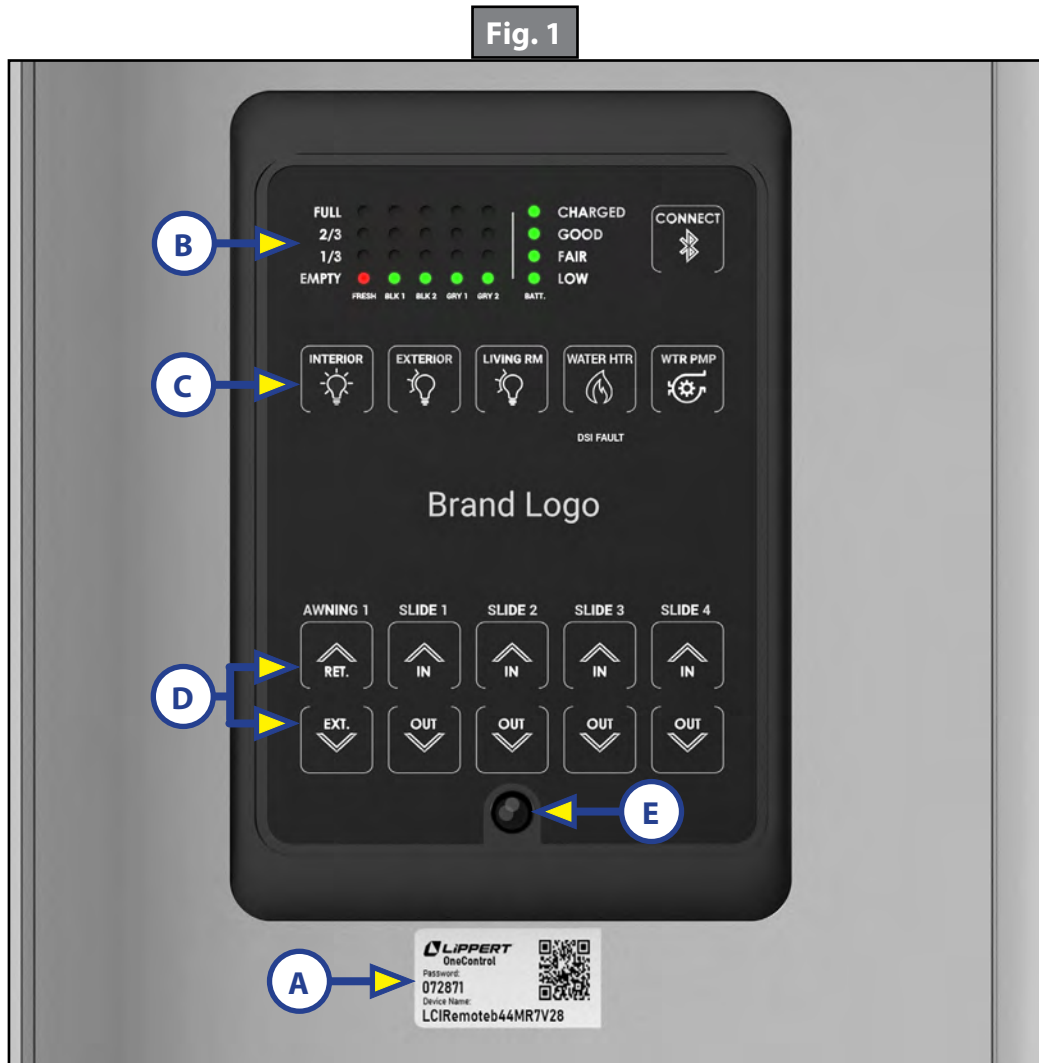
The "CAUTION" symbol above is a sign that a procedure has a safety risk involved and may cause personal injury, product or property damage if not performed safely and within parameters set forth in this manual.

CAUTION

Moving parts can pinch, crush or cut. Keep clear and use caution.

Overview

Panels provide access to devices and systems detected on the RV's OneControl System. Panels are typically located near an entryway, occasionally inside a cabinet (Fig. 1). Below the Panel is a sticker with information about the RV's OneControl System and a QR code to streamline App pairing (Fig. 1A).



The Panel's user interface is organized into three levels:

- Upper (Fig. 1B): 4 rows of LEDs describe resource and storage levels.
- Middle (Fig. 1C): 1 row of buttons provide latching (ON/OFF) controls.
- Lower (Fig. 1D): 2 rows of buttons provide momentary (press and hold) controls.

In the middle of the bottom row is an infrared (IR) motion sensor (Fig. 1E). When motion is detected near the Panel, it will cause the Panel to illuminate.

Note: Panel controls vary by an RV's make, model, year and floor plan.

Regular Use

The Panel will normally be in Sleep Mode, with no LEDs illuminated.

- When motion is detected within approximately 10 feet (3 meters) of the IR sensor, the Panel will illuminate and show activity (Fig. 2).
- When motion is not detected for approximately 15 seconds, the panel will go back into Sleep Mode.

Note: There is no dedicated power switch for the Panel. When the RV is powered, the Panel will be ON.

Fig. 2

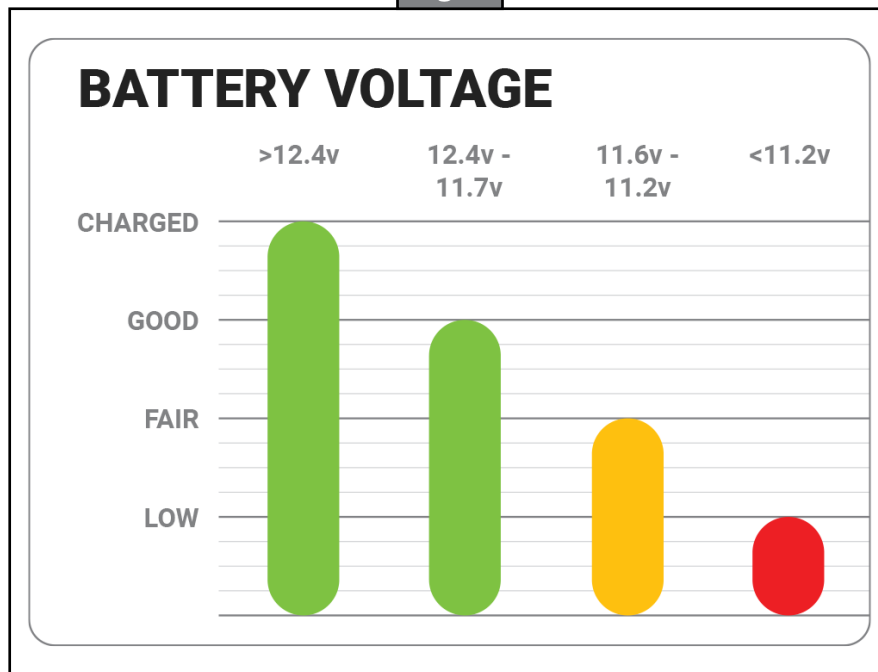


Upper Level: Resources and Storage

The Upper Level provides at-a-glance status of vital resources such as water and power.

1. Fresh Tanks
 - A. When tank is full, all level indicator LEDs will display in GREEN.
 - B. As tanks are depleted, individual LEDs will turn off.
 - C. When water level gets to 1/3, the remaining LED level indicators will turn RED to alert user that fresh water supply is low.
2. Black and Grey tanks
 - A. When tanks are empty, the EMPTY LED indicator will display as GREEN.
 - B. As tanks are filled, individual LEDs will illuminate green.
 - C. When tank levels get to 2/3, all level LEDs turn RED to alert user that tanks are almost full.
3. Battery
 - A. When battery charge is at 12.6V or above, all level indicator LEDs will display as GREEN.
 - B. As battery charge is depleted, the level indicator LEDs will turn off and change from GREEN (CHARGED and GOOD) to ORANGE (FAIR) and RED (LOW). Color and voltage correspond as described in Figure 3.

Fig. 3



CONNECT Button

This assists with App pairing and managing access to your RV's OneControl System.

1. The button will flash when initial Bluetooth pairing is taking place.
 - A. See the App Pairing section of this manual for more information.
2. The Bluetooth button will illuminate solid BLUE when a OneControl App is open and connected to the Controller.

Middle Level: Latching Devices

Latching button behavior

1. All latching devices include an ON and OFF state
 - A. If button illumination is WHITE, the device is available and OFF.
 - B. If button illumination is BLUE, the device is available and ON.
 - C. In some cases, the button will illuminate RED. This indicates a fault.
 - I. Fault states are described later in this manual.
2. Turning a latching device ON or OFF requires pressing and releasing the button.
 - A. If your OneControl System supports dimmable lights, holding pressure on the button will adjust brightness.

Latching devices: Lighting

The Panel provides individual access to as many as 5 lights.

Note: Only lights supported by the OneControl System will appear.

Lighting Features

All Lights

This feature will turn ON or OFF all lights supported by the RV's OneControl System.

Note: If a few all lights are on, pressing the button will turn all lights OFF.

Note: Should the All Lights be ON and an individual light is turned OFF, the All Lights button will turn OFF.

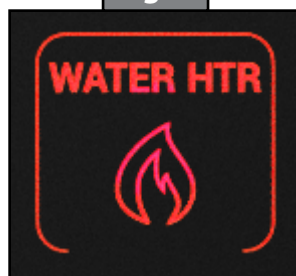
Types of lights

1. Standard Lights
 - A. These lights provide ON/OFF functionality only.
2. Dimmable Lights
 - A. In addition to ON/OFF, the intensity of these lights may be increased or decreased. To dim the light, press and hold the button until the light meets the desired brightness.

Other Latching Devices

1. Water Pump
 - A. Use this device to pressurize the water system to provide running water at faucets, etc.
2. Water Heater - GAS
 - B. Use this device to heat water with fuel, most commonly liquid propane.
 - I. DSI Fault. If the heater burner fails to ignite, the button will illuminate solid RED (Fig. 4) and flash for 5 seconds. Press the Water Heater - Gas button to reset.

Fig. 4



3. Water Heater - ELECTRIC
 - A. Use this feature to heat water with electric or battery power.
4. Water Tank Heaters
 - A. Use these devices to prevent water tanks and lines from damage in cold environments.
5. Generator
 - A. Use this feature to provide power in the event battery voltage is low or shore power is unavailable.
 - B. Use the App for advanced features and settings.
6. Other devices
 - A. See the RV's manual for a list of devices support by the OneControl System

Lower Level: IR Sensor

The IR motion sensor detects motion approximately 10 feet (3 meters) in front of the Panel.

- A. When motion is detected, the Panel will illuminate.
- B. If motion is not detected for ~15 seconds, Panel illumination will turn OFF.

Lower level: Momentary devices

Momentary button behavior

- A. Momentary devices provide directional states, such as IN or OUT. To use a device such as a slide, awning or lift, press and hold one of their buttons.
 - I. If button illumination is WHITE, the device is available.
 - II. When pressed, the button turns BLUE. When released, it returns to WHITE.

Awnings and Slides

The Panel supports up to 5 awnings and/or slides.

- A. Extend slides or awnings by pressing and holding any IN or OUT button.
 - I. When the awning or slide is at the desired position, release the button to stop movement.

⚠ CAUTION

Keep clear of the awning arms and frame during operation as these are pinch points an moving parts can pinch, crush, or cut. Be sure the awning mechanism is clear of people and property before retracting. Property damage or serious personal injury could result.

⚠ CAUTION

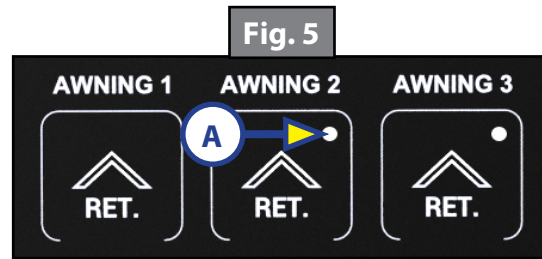
When extending your awning, be sure to give the awning appropriate clearance. Trees, nearby units, and other obstructions could be damaged and may cause damage to the awning. Make sure the awning is not tied-down before retracting.

Wind Sensors

Awnings may be equipped with OneControl Wind Sensors. They provide two features:

- A. Awning Control: Convenient one-touch extension and retraction.
- B. Wind Protection: Automatic retraction during severe weather events.

Awnings equipped with Wind Sensors feature small dots in the button (Fig. 5A)



Awning Control

To Automatically extend or retract an awning, press the awning's IN or OUT button quickly two times, then release it.

The awning will stop automatically when fully extended or retracted.

All lights on the panel will flash during operation.

Note: To cancel travel, press any button on the Panel.

Wind Protection

This feature must be turned on from the App.

Note: To learn more about Wind Protection, see the Enabling Wind Protection section of this manual.

Using the App

The OneControl App is a convenient way to operate RV devices. It requires:

1. A smart device that meets minimum requirements:
 - A. Apple iPhone Version 8 with iOS 13 or higher
 - B. Android device Version 8
2. The most recent version of the App.
 - A. Scan the QR code on the label below the Panel or search for "OneControl" in the App Store or Google Play store.
 - B. Download App Version 5.6 or higher.
3. Enabling permissions.
 - A. You must enable Bluetooth and Location permissions on your smart device.

Additional information is typically found in the main entryway of the RV near the Panel.

Creating a New Account

After downloading the OneControl App, follow the instructions to create an account. You'll need to accept the User Agreement, enter a username and create a password.

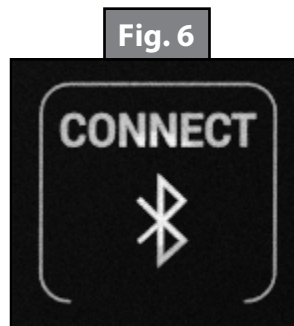
Note: Password must be at least 8 characters long, contain letters, a number and a special character (examples: !#\$%*/=?).

Entering your RV's VIN is recommended. It helps speed service time should you need to contact the Lippert Customer Care Center. Your VIN is located in your RV's paperwork or on a tag attached to the RV near the door or front frame.

Note: Registering for the App does not require being near your RV, or the RV to be powered ON.

Pairing with your RV

When you're ready to pair with your RV, power it ON. Locate the Panel's "CONNECT" button. During the process, you'll need access to the CONNECT button (Fig. 6).



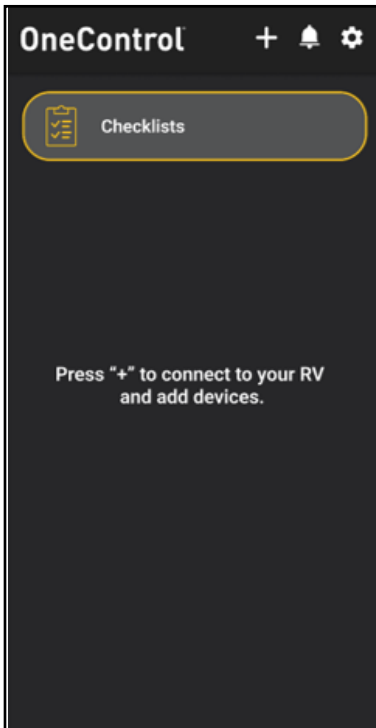
If you need help pairing your RV, please contact the Lippert Customer Care Center.



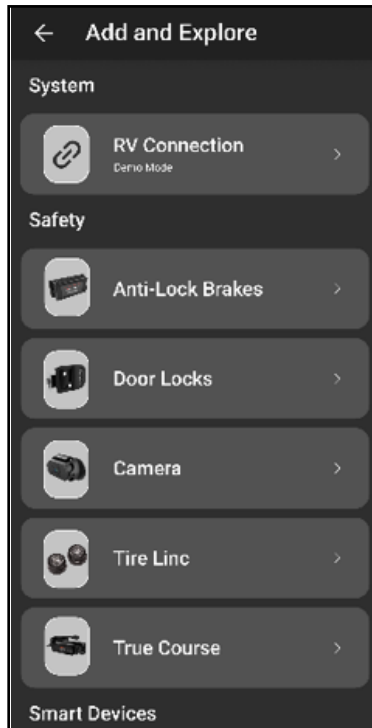
- Lippert Customer Care Center: 432-547-7378
- Hours: Monday - Friday: 8AM - 7PM (ET)
- Press 1 for after-hours emergency team
- Before contacting the Care Center, have your RV's VIN ready. It will help the representative process your inquiry.

Pairing to your RV with Push to Pair

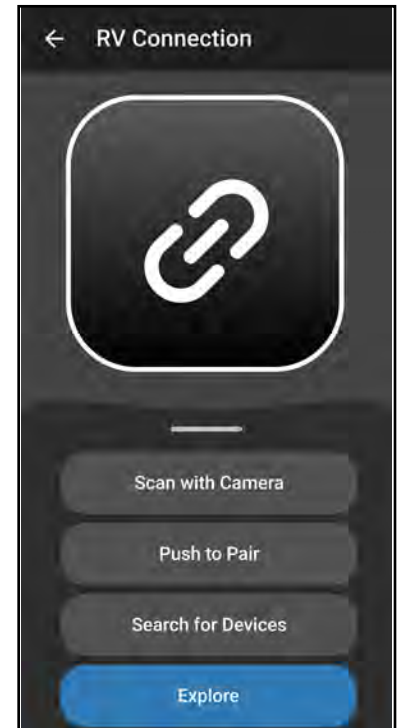
1. Open the App's **landing page** and press the "+" icon. It will open Add & Explore.



2. Use **Add & Explore** to connect your RV, connect RV devices and explore aftermarket options.



3. Press **RV Connection** to see App pairing options. Select **Push to Pair**.



4. Push to Pair will ask you to locate the Panel's **CONNECT** button.

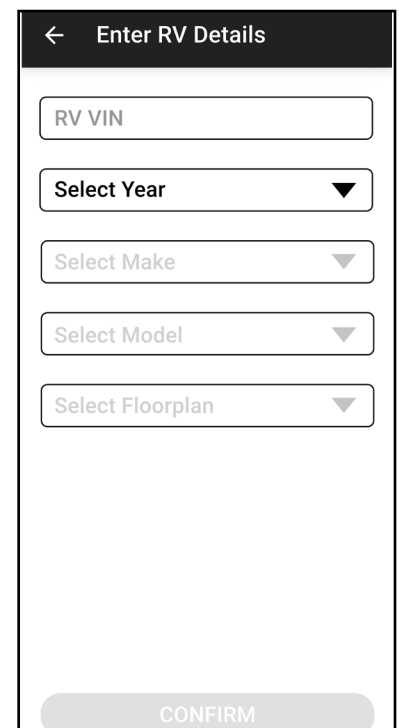


5. Press the button. It will **flash BLUE** as the App pairs with the RV.

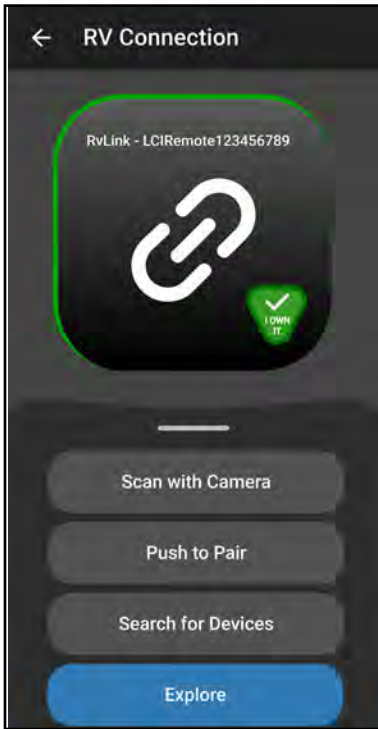


Note: Entering RV VIN allows you to receive important notifications about your RV such as product updates.

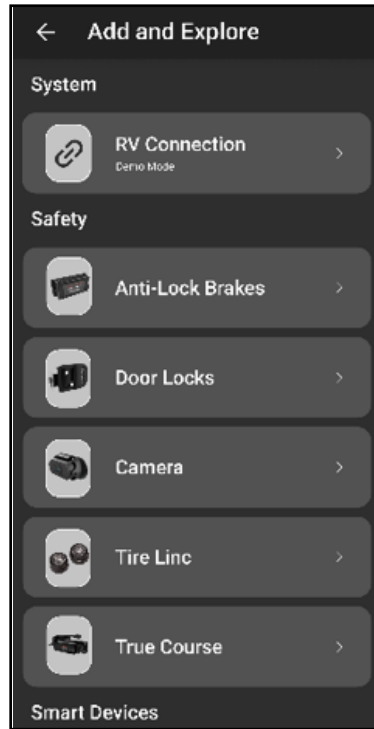
6. When successful, press CONTINUE, then enter RV details.



7. When paired, the icon **turns green** and shows your RV's OneControl System ID.



8. Return to Add & Explore to connect RV devices. **Check your RV's manual** for available devices.







9. To use RV devices, return to the Home Page. **Note:** Devices vary by RV.



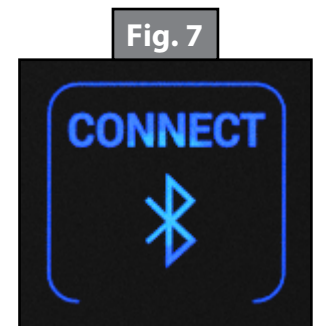
Connection Status: App

The App's Header describes the status of your connection to the RV. Depending on status, it will show one of four distinct icons:

Icon				
Meaning	Confirms local Bluetooth connection	Confirms remote connections (for RV's equipped with ConnectAnywhere)	Confirms local WiFi connections (older RVs only)	App is not connection to the RV's OneControl System

Connection Status: Panel

When your OneControl System detects an active App connection, the CONNECT button will turn BLUE (Fig. 7).



Usage Tips

The App connects to your RV's OneControl System locally via Bluetooth. Range is impacted by obstructions, such as appliances and walls. Expect 30-40 feet (9-12 meters). Use the icon in the header to explore your RV's range.

Pairing a New or Different RV

Only one RV may be paired to the App at any time.

If you already have an RV paired with the OneControl App and wish to pair a different one, press the “+” icon and open the Add & Explore page.

Press “RV Connection” to open pairing options.

Important: If you open a pairing option page, any RV paired with the App will be unpaired.

Select a pairing option and follow the instructions to pair. For Push to Pair, see the preceding section of this manual called “Pairing from Push to Pair.”

Pairing with Scan with Camera

The Panel does not support this App pairing option. Please Push to Pair.

Pairing with Scan for Devices

The Panel does not support this App Pairing option. Please Push to Pair.

App Troubleshooting

The OneControl App is a convenient way to operate RV devices. It requires:

1. Confirm smart device that meets minimum requirements:
 - A. Apple iPhone Version 8 with iOS 13 or higher
 - B. Android device Version 8
2. Confirm you are using most recent version of the App.
 - A. Recommended: Scan the QR code on the label below the Panel
 - B. Option: search for “OneControl” in the App Store or Google Play store.
 - C. Look for App Version 5.6 or higher.
3. Confirm that the following permissions have been enabled:
 - A. Bluetooth permissions
 - B. Location permissions
4. Confirm RV is powered and Panel is ON (illuminated).
5. Ensure you are in Bluetooth range of the RV’s OneControl System
 - A. Recommended: be inside RV next to the Panel until pairing is complete.

If you need help pairing your RV, please contact the Lippert Customer Care Center.



- Lippert Customer Care Center: 432-547-7378
- Hours: Monday - Friday: 8AM - 7PM (ET)
- Press 1 for after-hours emergency team
- Before contacting the Care Center, have your RV’s VIN ready. It will help the representative process your inquiry.

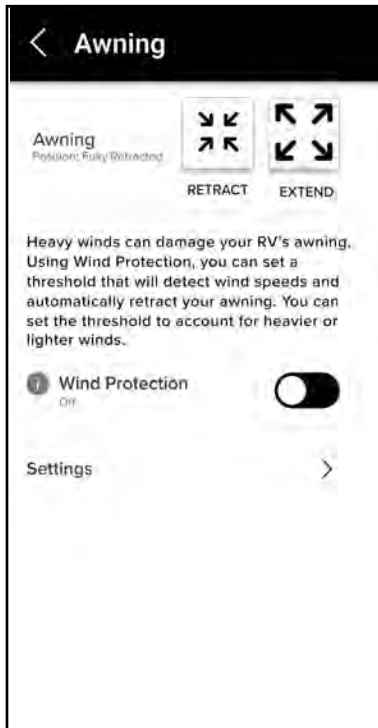
Enabling Wind Protection

At the factory, a Wind Sensor's Wind Protection function is set to OFF. To turn it ON, open the App and scroll down to the Awnings section. Open the Awning's home page.

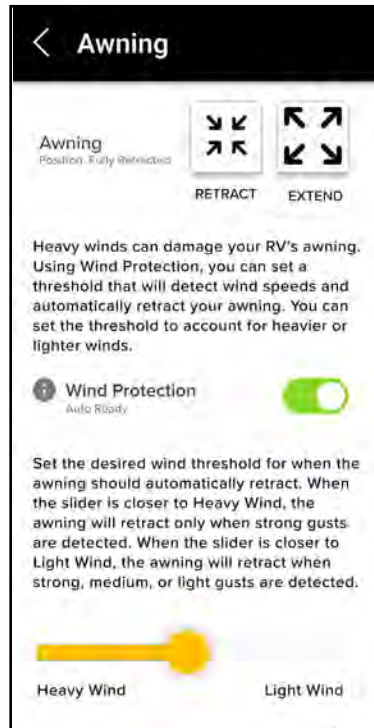


Before enabling Wind Protection, provide adequate clearance for awning travel. Do not hang anything from the awning arms, such as lights or signs.

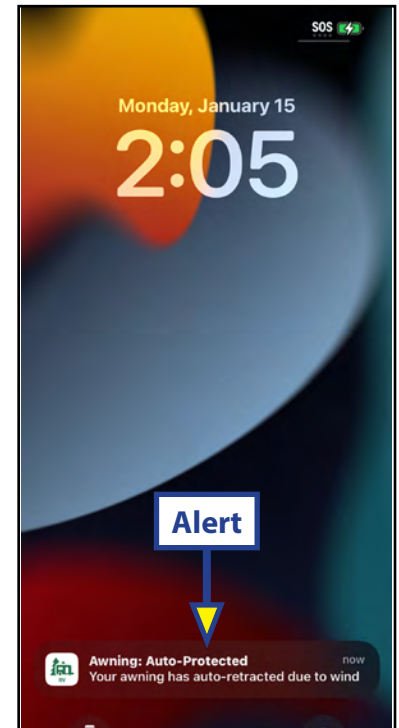
On the Home Page, turn Wind Protection switch ON.



Use the slider to select the level of protection.



When activated, you'll receive an alert.



Activation Alerts

Your OneControl System will provide an alert when auto-retraction has been activated. On the Panel, all lights will flash WHITE for the duration of the retraction.

Note: To receive an App alert, your smart device must be ON and connected to the RV via Bluetooth or remotely with ConnectAnywhere 2.0.

Stopping travel

To stop an auto-retraction, press any button on the Panel or the Awning's button in the App.

Troubleshooting

Smart Device Won't Connect

1. Check that Bluetooth on the smart device is turned on.
2. Ensure permission to access Bluetooth by the OneControl app has been granted.

Note: Permissions are asked for and granted during initial app set up and connection to system. Be sure to grant all permissions asked.

3. Operator with smart device must be within Bluetooth range of the RV.

Note: Bluetooth range is typically 30-40 feet (9-12 meters). Use the icon in the App's header to determine connection status.

Panel LEDs are flashing

1. The Panel is connected with the controller through a CANbus data network harness (Fig. 8D). These 2-pin data harnesses are connected to the back of the monitor panel along with a 2-pin power harness (Fig. 8C). Any interruption in this data network will result in a fault. A fault is indicated on the Panel when all the buttons flash WHITE in unison for 5 seconds after a slide-out or awning button is pressed. If attempting to turn ON or OFF a light, water pump, or heater, the button for that device will flash BLUE for 5 seconds.

Note: Depending on the OneControl system configuration, a Terminating Resistor (Fig. 8E) may be in place of one of the CANbus harnesses (Fig. 8D).

Note: The CANbus data harnesses and/or terminating resistor may be plugged in to either receptacle on the back of the panel.

2. To remove the Panel from the wall, remove the bezel (Fig. 8A) by using a flat blade screwdriver to gently pry the bezel away from the Panel. You may need to gently pry in a few different locations around the perimeter.
3. Remove the 4 screws (Fig. 8B) holding the Panel to the wall.

Fig. 8



- Verify that the power harness (Fig. 9A) and CANbus harnesses (Fig. 9B) are securely attached to the back of the Panel, then replace Panel and bezel.

Note: Depending on the OneControl system configuration, a Terminating Resistor (Fig. 10) may be in place of one of the CANbus harnesses (Fig. 9B). Verify that the terminating resistor is securely attached to the back of the panel.

Fig. 9

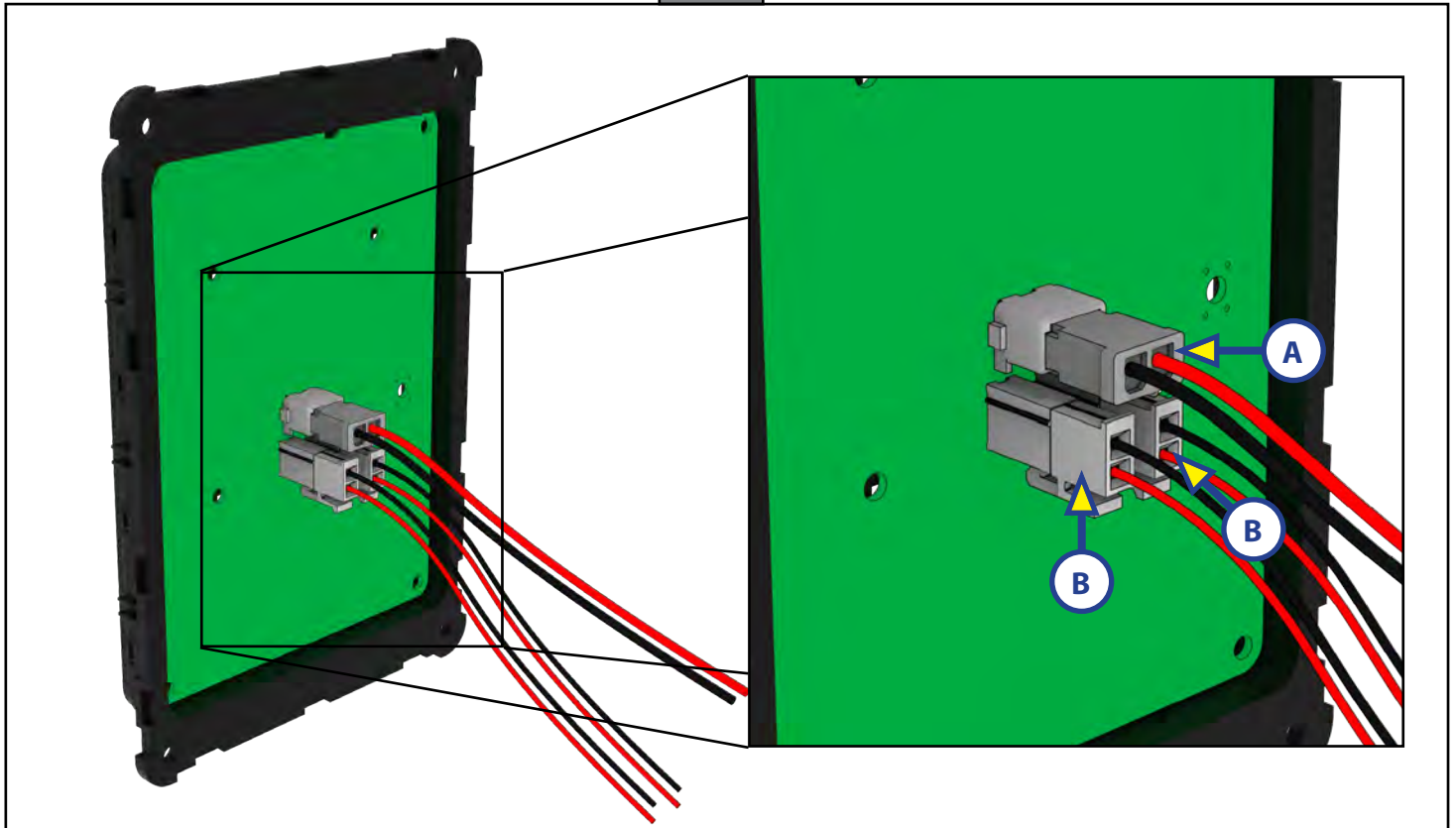
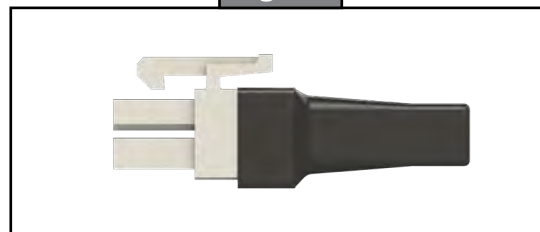


Fig. 10



Growing your OneControl System

Pairing to your RV provides access to essential devices such as lights and awnings. Depending on your RV's configuration, you may also need to pair OneControl devices installed at the factory. These may include:

- Anti-lock Brakes with digital odometry
- Wind Sensors with one-touch operation
- Battery Monitor
- Insight Camera
- Tire Linc TPMS

Check your RV's manual to learn more about your RV's OneControl devices. To learn more about the OneControl system, visit the Add & Explore page in the App or the OneControl RV home page online:

<https://store.lci1.com/onecontrol-for-rvs>

Aftermarket Devices

OneControl smart devices help you tow with greater control, keep an eye on food safety, track resources and secure the RV. Scan the QR codes below to learn more.

Keyless Door Locks



Lock and unlock
RV doors without
using keys



Liquid Propane Sensors



Monitor LP levels
to avoid surprises



Temperature Sensor



Monitor fridge and
freezer temperatures.





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