Master Owner's Manual

Electronics

LIPPERT COMPONENTS®

User notice

The Table of Contents is an interactive field. Click on the desired section to be taken immediately to the corresponding page.

Master Owner's Manual

The Master Owner's Manual is intended to provide information on Lippert Components Inc.'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. Manual information is considered factual until made obsolete by a revised version. Manual information may be distributed as a complete document only, unless Lippert Components provides explicit consent to distribute individual parts.

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System Information

The OneControl Touch Panel (OCTP) is a MyRV® compatible 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 MyRV® system. Powering up the unit will also power the OneControl Touch Panel and the various controllers throughout the unit.

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 "MyRV® Control Panel" (Fig. 1A).
2. Pressing the "MyRV® Control Panel" (Fig. 1A) will open the "MyRV® Control Panel" (Fig. 2).
3. Press the icon of the system you wish to operate.

NOTE: The control panel will show icons representing the devices connected to the MyRV® system. Push the system "Home" icon (Fig. 2A) to return to the MyRV® home screen.

Fig. 1

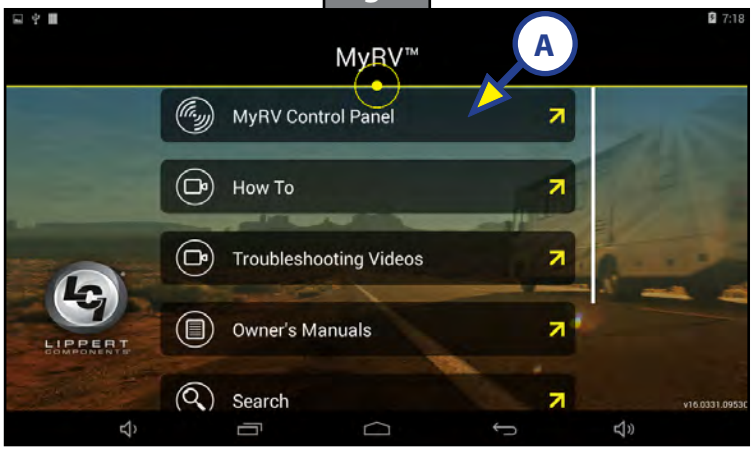
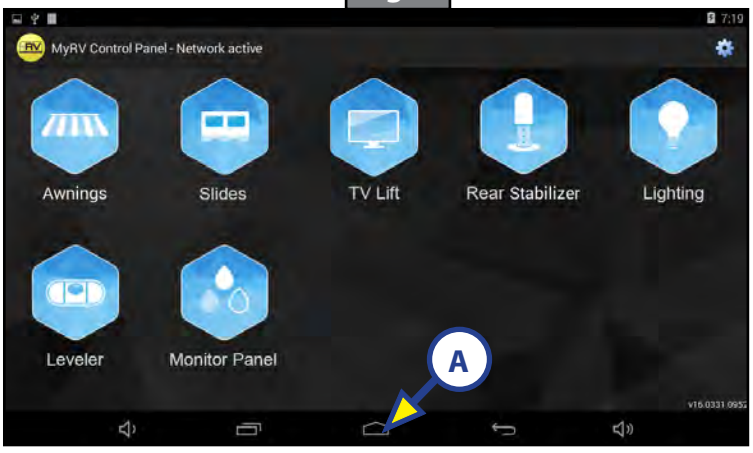


Fig. 2



System Operations

NOTE: System menus that are grayed out (Fig. 3) are loading and cannot function until loading is complete and the menu options are blue (Fig. 4).

NOTE: Push the applications "Home" icon to return to the MyRV® home screen (Fig. 3A).

Fig. 3

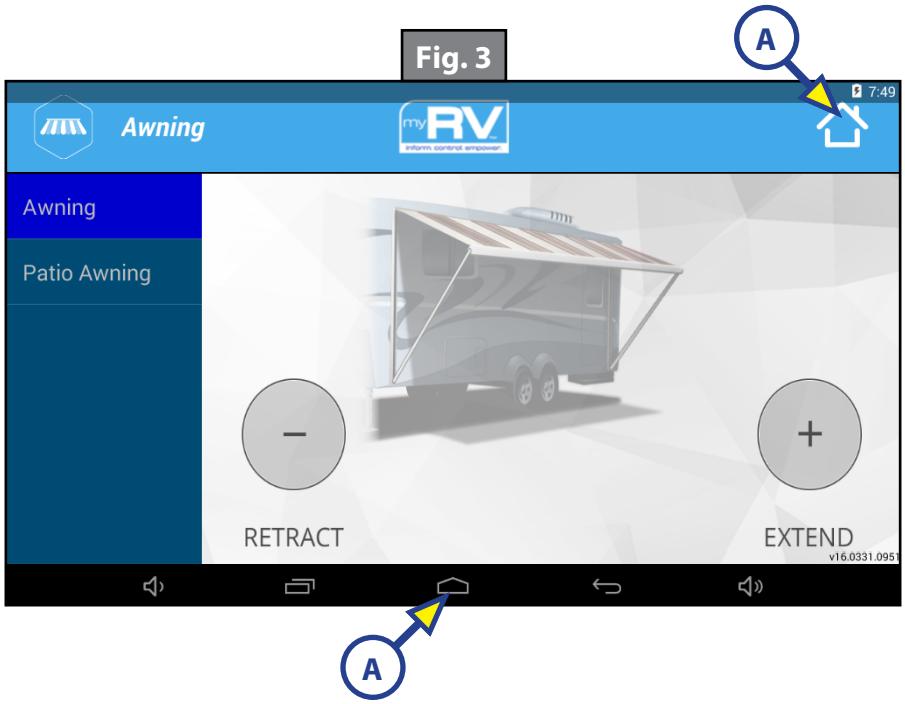


Fig. 4

A. Lighting (if equipped Fig. 2):

I. Pressing the highlighted "On" or "Off" on the "Master Light" will turn all lights on or off (Fig. 5A).

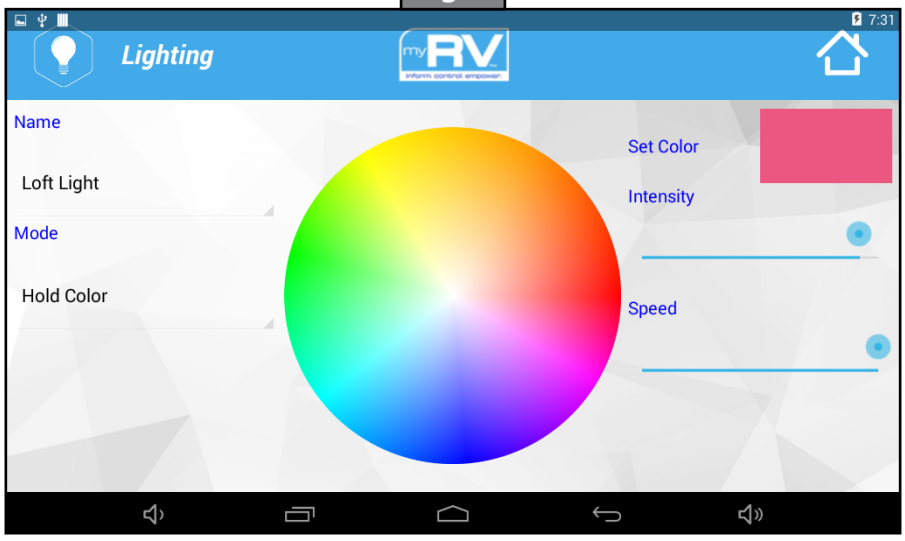
II. Pressing the highlighted "On" or "Off" will turn individual lights on or off (Fig. 5B).

III. If the unit is equipped with colored lighting, pressing the settings icon (Fig. 5E) will allow the adjustment of the light name, mode, color, intensity and speed (Fig. 6).

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. 5C) if the light is on and a dim bulb (Fig. 5D) if the light if off.

Fig. 5

Fig. 6



B. Awning (if equipped Fig. 2):

I. Select an awning to operate (Fig. 7A).

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

II. Pressing "Extend" will extend the awning (Fig. 7B).

III. Pressing "Retract" will retract the awning (Fig. 7C).

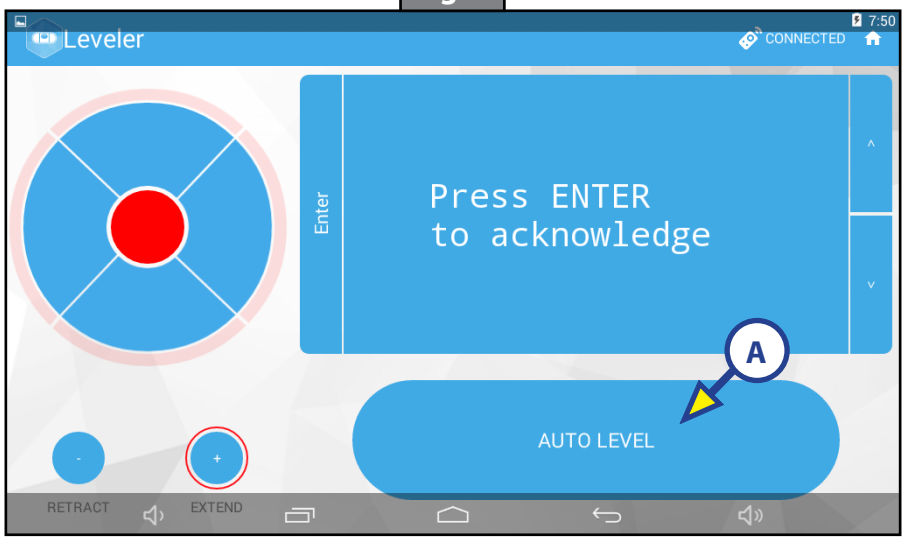
Fig. 7

C. Levelers (if equipped Fig. 2):

I. Pressing the "Levelers" icon will allow you to access the leveling user interface.

II. In order to level the unit, press the "Auto Level" button (Fig. 8A).

Fig. 8



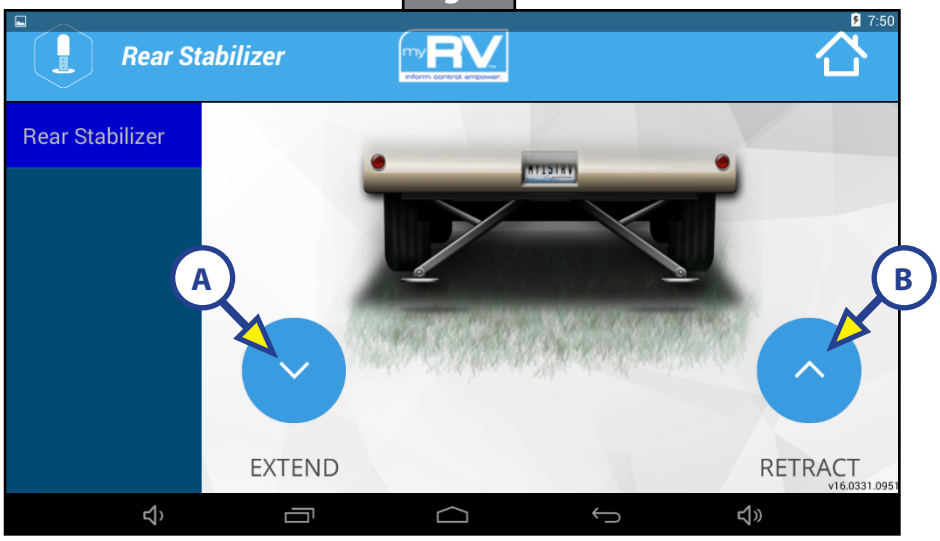
D. Rear Stabilizer (if equipped Fig. 2):

I. Pressing the "Rear Stabilizer" icon will allow you to access the rear stabilizer screen.

II. To extend the rear stabilizer, press the "Extend" button (Fig. 9A).

III. To retract the rear stabilizer, press the "Retract" button (Fig. 9B).

Fig . 9



E. TV Lift (if equipped Fig. 2):

I. Pressing the "TV Lift" icon will allow you to access the TV Lift screen.

II. To raise the TV lift, press the "Up" button (Fig. 10A).

III. To lower the TV lift, press the "Down" button (Fig. 10B).

Fig. 10

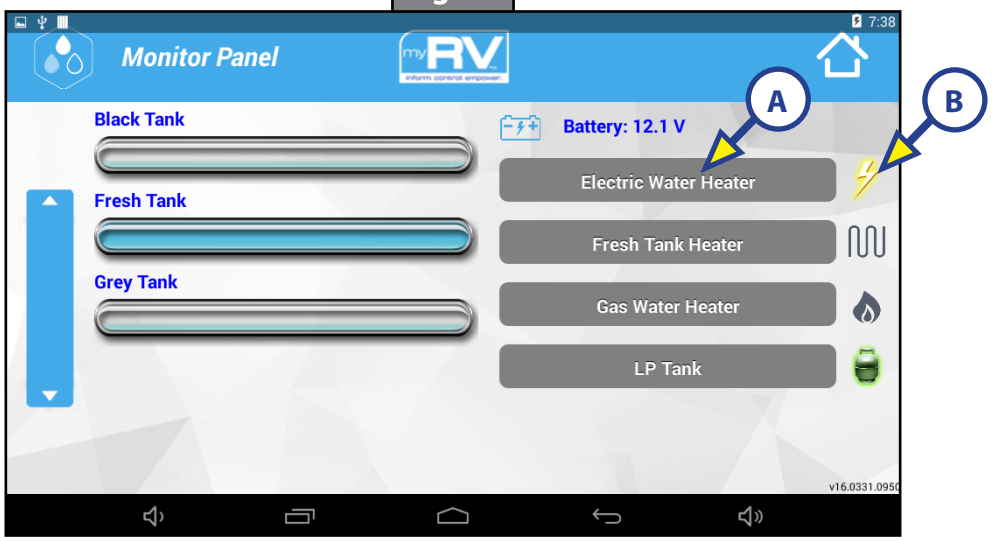
F. Tank Monitor (if equipped Fig. 2):

I. Pressing the "Monitor Panel" icon will allow you to access the tank monitor screen (Fig. 11).

II. The monitor symbols to the left will allow you to see the status of the various tanks (Fig. 11).

III. Pressing the device buttons on the right (Fig. 11A) will activate the component. The icon to the right will light up when the corresponding device is in use (Fig. 11B).

Fig. 11



G. Slides (if equipped Fig. 2):

I. Pressing the "Slides" icon will allow you to access the slide-out screen.

II. Select a slide-out to operate (Fig. 12A).

III. Pressing "Out" will extend the slide-out (Fig. 12B).

IV. Pressing "In" will retract the slide-out (Fig. 12C).

Fig. 12

MyRV Resources

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

There are various types of resources in MyRV® including:

1. How To (Fig. 13A)
   - **A.** Various operation and informational videos (Fig. 14).
2. Troubleshooting Videos (Fig. 13B)
   - **A.** Step-by-step troubleshooting and maintenance videos (Fig. 15).

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

Fig. 13

Fig. 14

3. Owner's Manuals (Fig. 13C)
   A. Product documentation containing operation and basic troubleshooting (Fig. 16).

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

4. Search Function (Fig. 13D)
   A. Searches the MyRV® tablet for any files (documentation, videos, images, etc.) containing the search term (Fig. 17).
      I. Enter search terms into search pop-up and press the search button (Fig. 17A) to view all related files.
5. FAQs (Fig. 13E)

Fig. 15

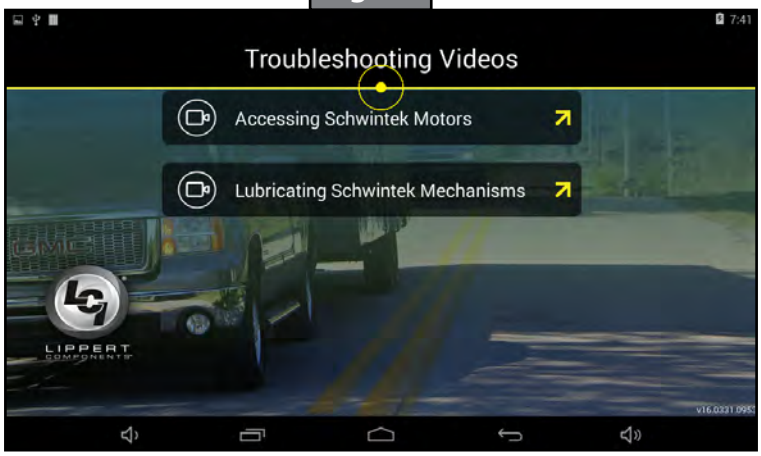


Fig. 16

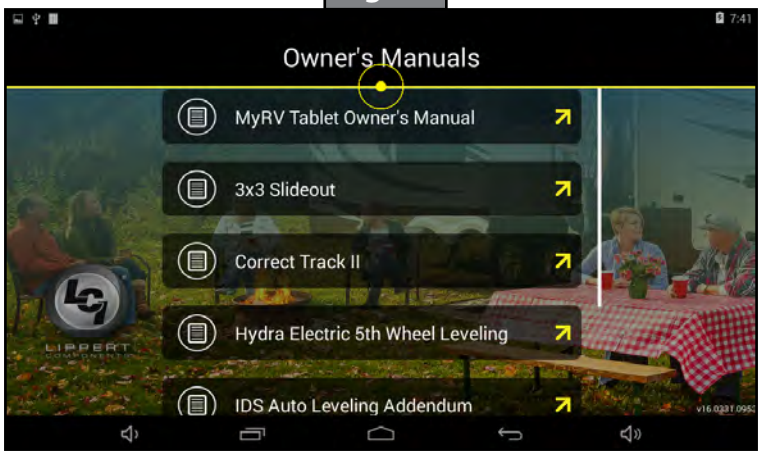
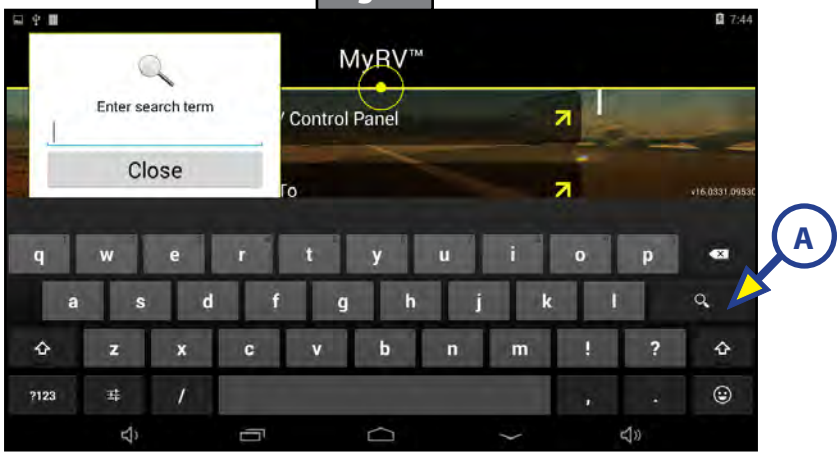


Fig.17



A. Frequently asked questions with drop down answers (Fig. 18).

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

6. Apps (Fig. 13F)

A. Manage the tablet and information settings (Fig. 19).

I. MyRV® Media Sync (Fig. 19A) allows the manufacturer to manage documentation supplied on MyRV® .

II. Set Date & Time (Fig. 19B) manages the clock and calendar settings.

Fig. 18

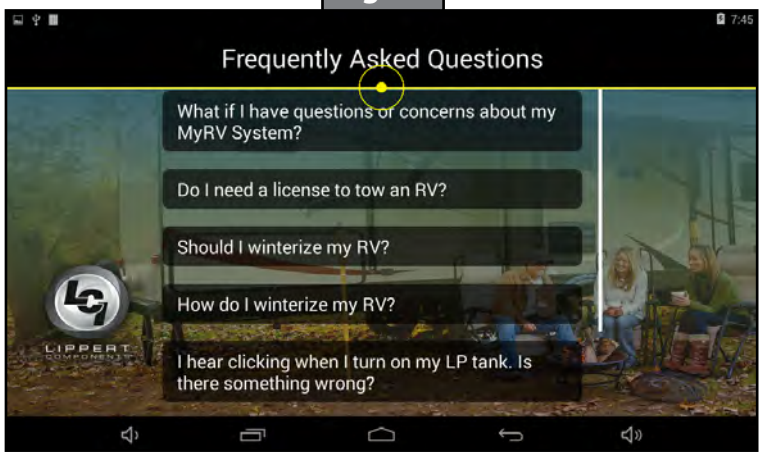
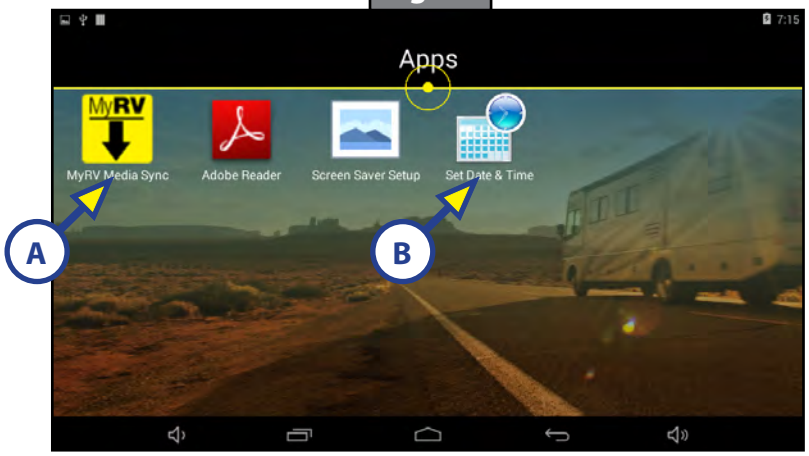


Fig. 19



Safety and System Information

System Information

The MyRV® tablet is an Android-based device that uses the MyRV® application to bring system controls and monitoring software to a touchscreen tablet. The MyRV® 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 MyRV® include slide-outs, leveling systems, awnings, lighting, temperature, water tanks, tire pressure, battery levels and many more.

The MyRV® Control Panel is accessed within the MyRV® application on the tablet. When powering on or waking the tablet, the MyRV® application will run automatically as it is pre-configured to do so. In order for the MyRV® application to present the operator with the MyRV® Control Panel, there must be power to the coach. This will power the various MyRV® 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 MyRV® 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 MyRV® tablet and MyRV® 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 MyRV tablet, hold and release the power button for 2-3 seconds (Fig. 1).w

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 MyRV 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.

Fig. 1

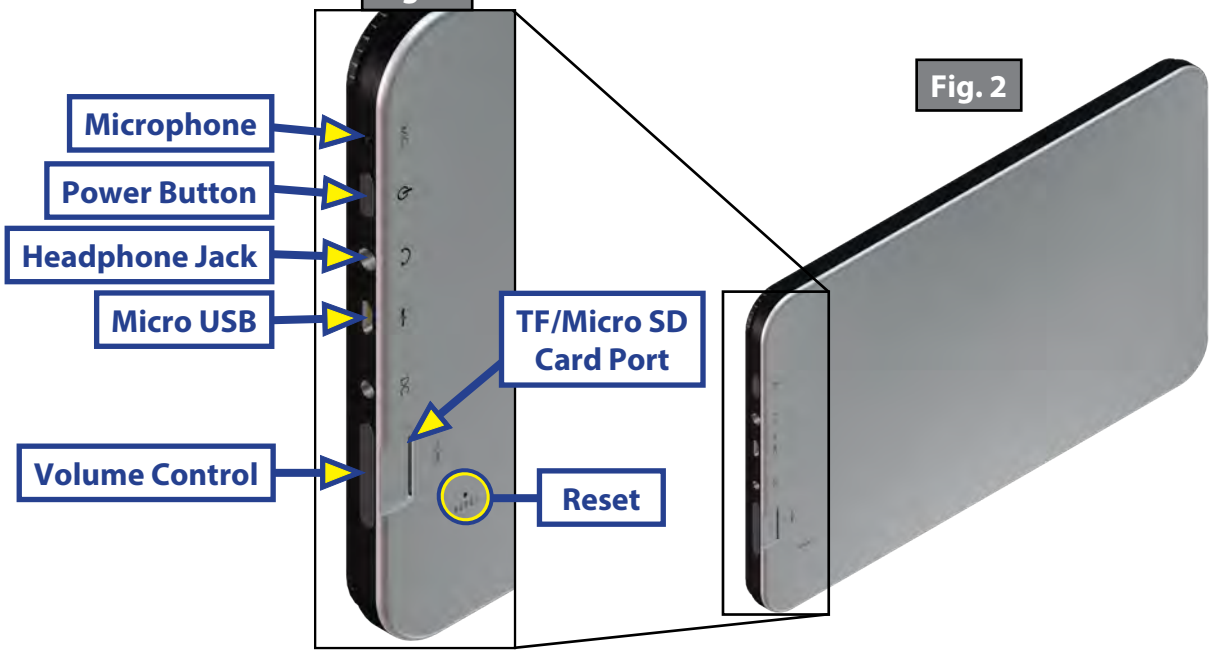


Fig. 2

Fig. 3

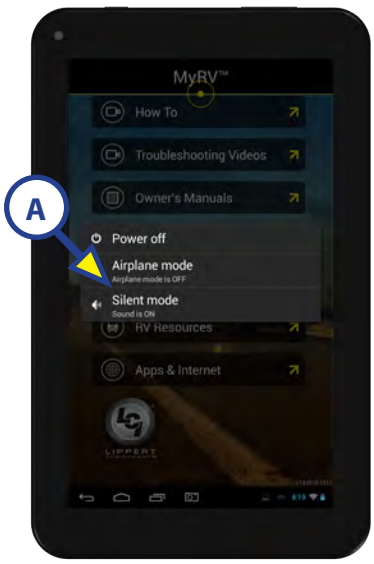
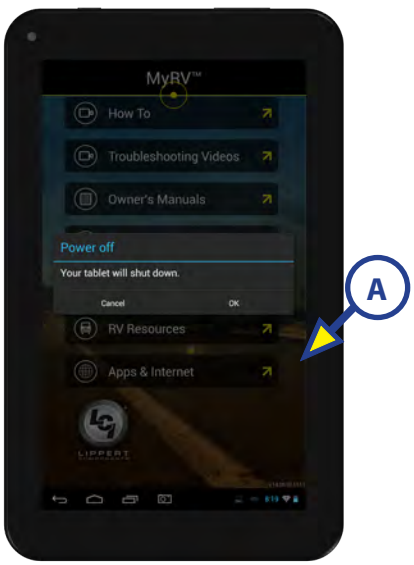


Fig. 4

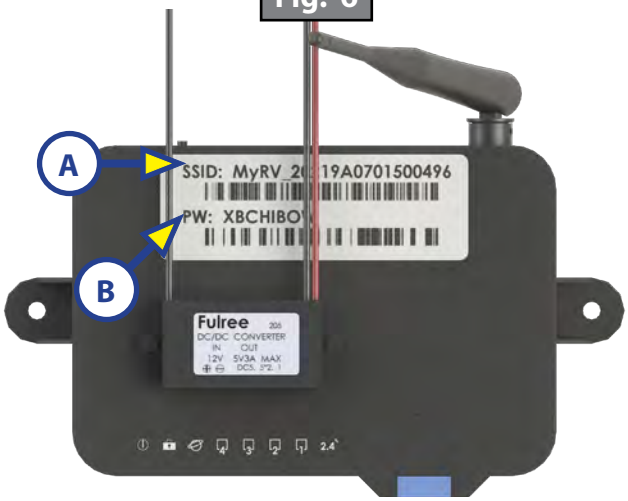


Connecting the MyRV Tablet to The MyRV Wireless Network

1. On the MyRV home page, select “Apps & Internet.”
2. On the "Apps and Internet Browser," select the “WiFi Manager.”
3. Locate the MyRV Hub (Fig. 5) or Range Extender (Fig. 6) and the label which contains the SSID and password to the MyRV system.
4. Match the SSID on the MyRV 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 MyRV Hub (Fig. 5B) or Range Extender (Fig. 6B) then press "Connect."

Fig. 5

Fig. 6



Wireless Hub and Range Extender

The MyRV 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 MyRV 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 MyRV Control Panel when housed in the docking station. Again, as long as there is power to the coach, the MyRV system should operate from the dock.

Docking Station

The MyRV 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 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 MyRV tablet is Wi-Fi capable and may be used to access the internet, but a usable Wi-Fi connection must be available.

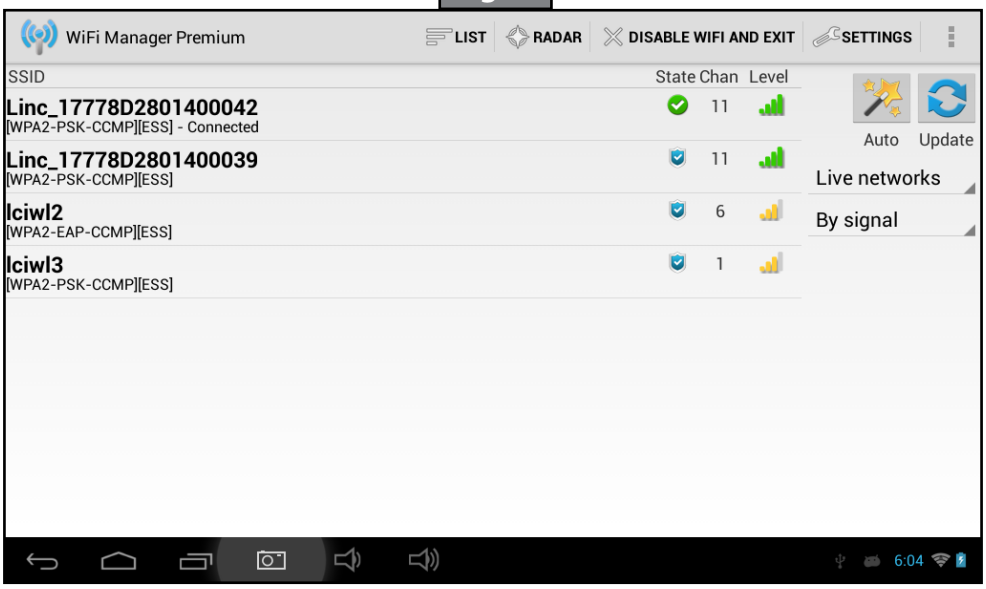
Fig. 7

Fig. 8

Connectivity can be viewed:

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

Fig. 9



MyRV 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 “MyRV Control Panel” from the main MyRV 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 MyRV 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 MyRV system.

1. Locate “MyRV Control Panel” (Fig. 13).
2. Pressing the “MyRV Control Panel” (Fig. 13A) will open the “MyRV 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.

Fig. 13

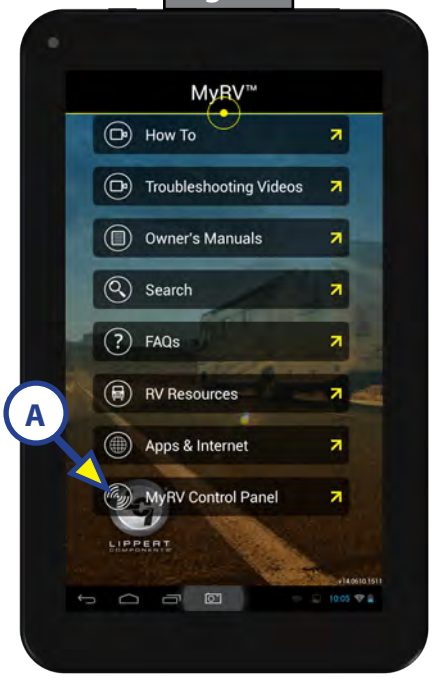


Fig. 14

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).

Fig. 15

Fig. 16

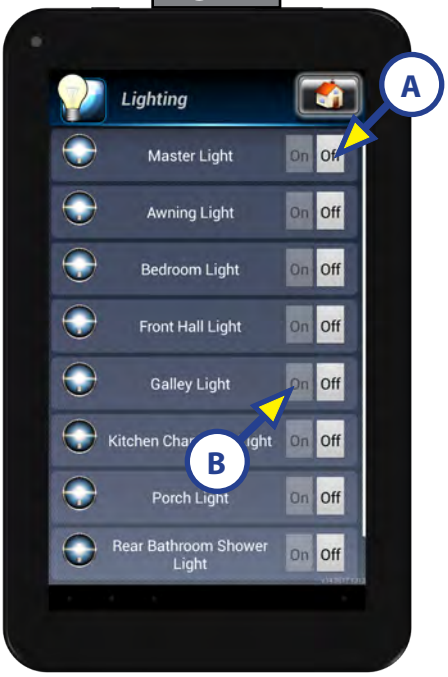


Fig. 17

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

I. Pressing "Out" will extend the slide-out (Fig. 32A).
II. Pressing "In" will retract the slide-out (Fig. 32B).

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

Fig. 32

Fig. 33

MyRV Resources

There are various types of resources in MyRV 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).

Fig. 34

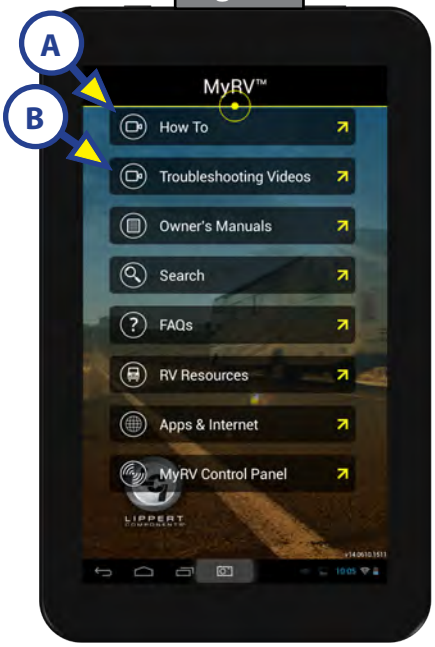


Fig. 35

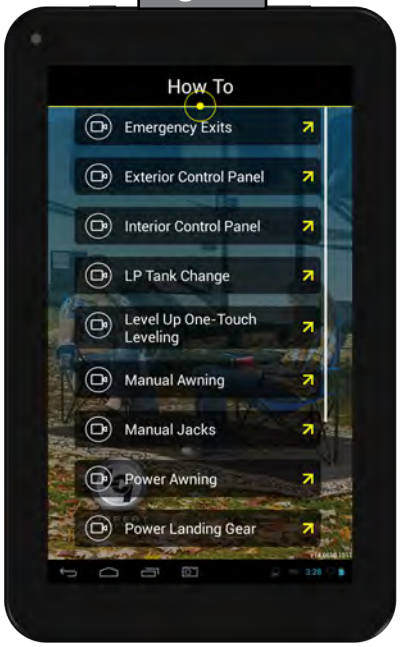


Fig. 36

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 MyRV tablet for any files (documentation, videos, images, etc.) containing the search term (Fig. 41).

Fig. 37

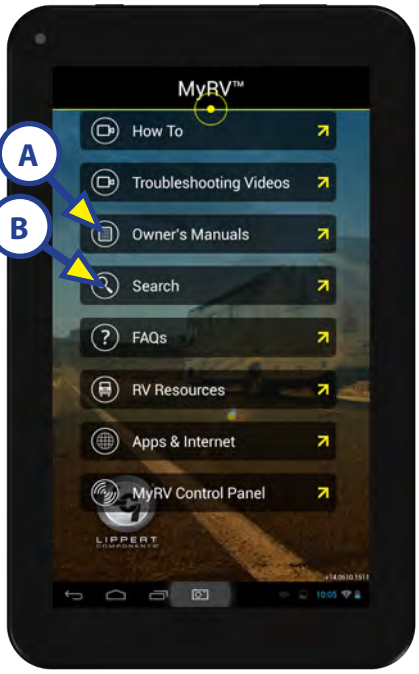


Fig. 38

Fig. 39

Fig. 40

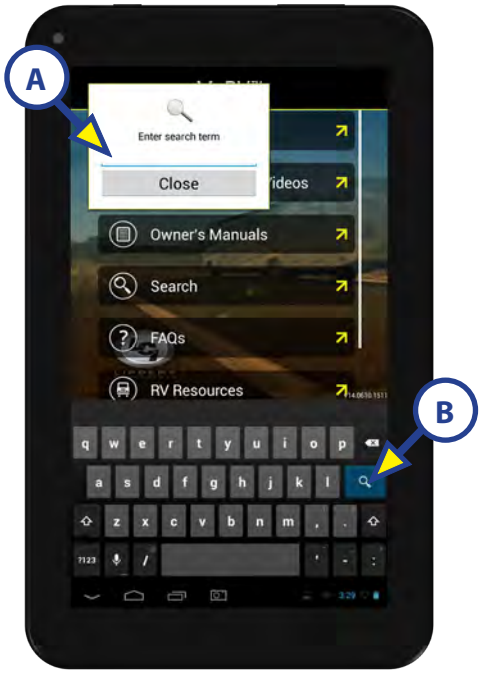


Fig. 41

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

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

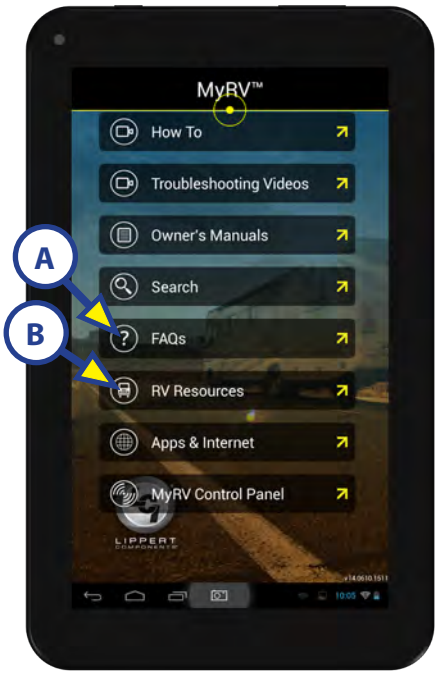


Fig. 43

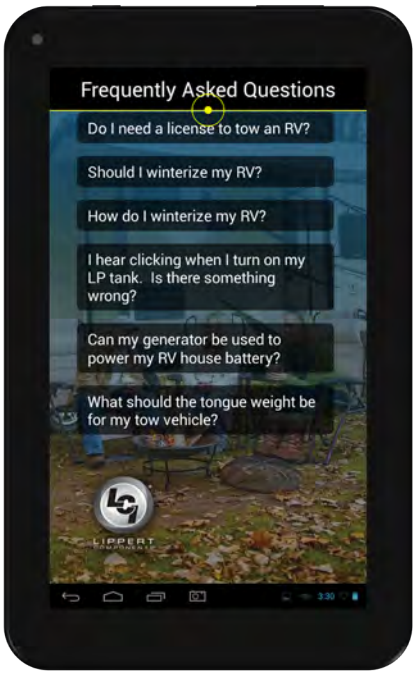


Fig. 44

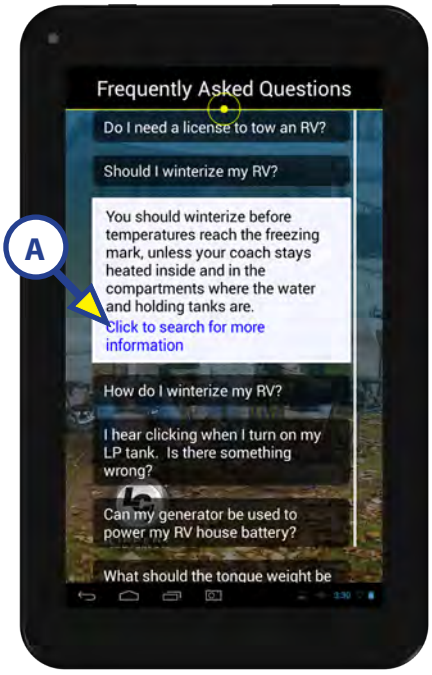
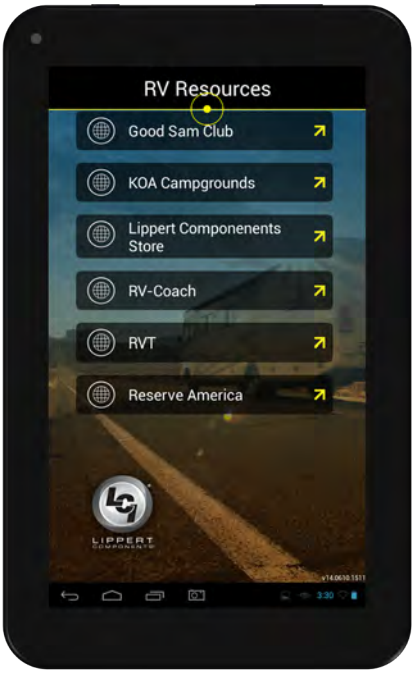


Fig. 45



Troubleshooting

What Is Happening?	Why?	What Should Be Done?
There is no internet access.	The MyRV tablet can only connect to a single wifi signal at a time.	Disconnect from the MyRV Hub wireless signal and reconnect to an external wifi signal.
There is no connection to the MyRV control panel.	There is no connection to the MyRV Hub.	Check the connection in the Wifi Manager application. If the connection is weak, move closer to the MyRV hub. If that doesn't remedy the situation, place the tablet into the MyRV docking station. The docking station is wired to the system, and this should connect the tablet to the MyRV Hub. Also, try relocating the MyRV Hub away from appliances such as microwaves or refrigerators.
	There is no power to the MyRV system.	Check power connections to the MyRV hub, multi-function receiver and digital switch. Repair and replace as necessary.
	Not in range of the MyRV Hub.	Move closer to the MyRV Hub.
The MyRV 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 MyRV tablet into the wall mount docking station to charge the MyRV tablet. If the MyRV 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 MyRV tablet becomes unresponsive, press the reset button on the back of the tablet.

Connecting the Replacement MyRV Tablet to The MyRV Wireless Network

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

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

Safety and System Information

System Information

The MyRV tablet is an Android-based device that uses the MyRV application to bring system controls and monitoring software to a touchscreen tablet. The MyRV 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 MyRV include slide-outs, leveling systems, awnings, lighting, temperature, water tanks, tire pressure, battery levels and many more.

The MyRV Control Panel is accessed within the MyRV application on the tablet. When powering on or waking the tablet, the MyRV application will run automatically as it is pre-configured to do so. In order for the MyRV application to present the operator with the MyRV Control Panel, there must be power to the coach. This will power the various MyRV 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 MyRV 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 MyRV tablet and MyRV Hub to fully energize and communicate. Please allow this time for the system to establish communications to ensure swift application operations.

Programming

Connecting the MyRV Tablet to The MyRV Wireless Network

NOTE: Tablet must be connected to MyRV Wifi Hub to complete the programming process. Placing the hub in a high location away from appliances such as microwaves and refrigerators will minimize interference.

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

NOTE: In order to charge the tablet out of the dock, a 5 volt, 1.8 amp micro USB charger or barrel charging connector is needed.

Fig. 1

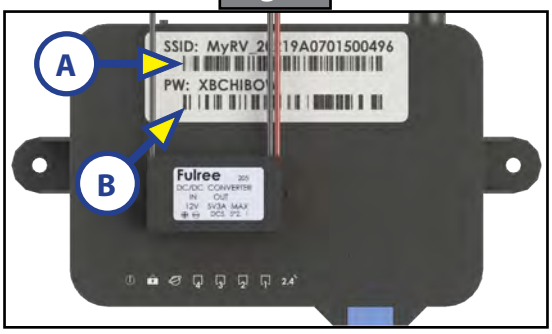
Docking Station

The MyRV 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. The docking station is wired to the coach power system and 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 and becomes non-reliant on the wireless hub to do so.

Wireless Hub and Range Extender

The MyRV 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 MyRV system. The hub's and range extender's only purpose is to provide wireless connectivity. The hub and range extender do not keep configuration data, so when troubleshooting wireless connection concerns, ensure the tablet can operate the MyRV Control Panel when housed in the docking station. Again, as long as there is power to the coach, the MyRV system should operate from the dock.

Fig. 2



MyRV Functions

1. Press the yellow LincPad Applications icon 5 times (Fig. 3A).
2. A pop-up window will prompt the user to enter password (Fig. 4). The password is the last 4 digits of the version located in the bottom right hand of the tablet desktop (Fig. 4A).
3. After a password is entered, the Configurator Icon will appear (Fig. 5A). Press the Configurator Icon.
4. To view all components available, press “Show All Devices” (Fig. 6). (A sub list will appear with options: By product/controller, By functions, By type, Show all devices.)

Fig. 3

Fig. 4

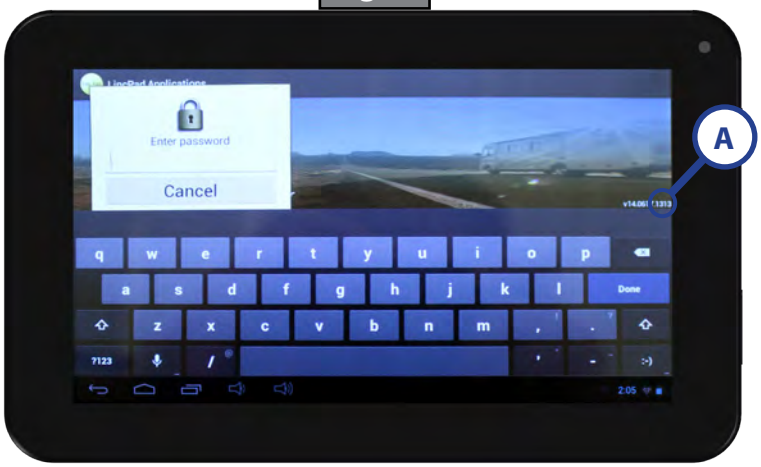
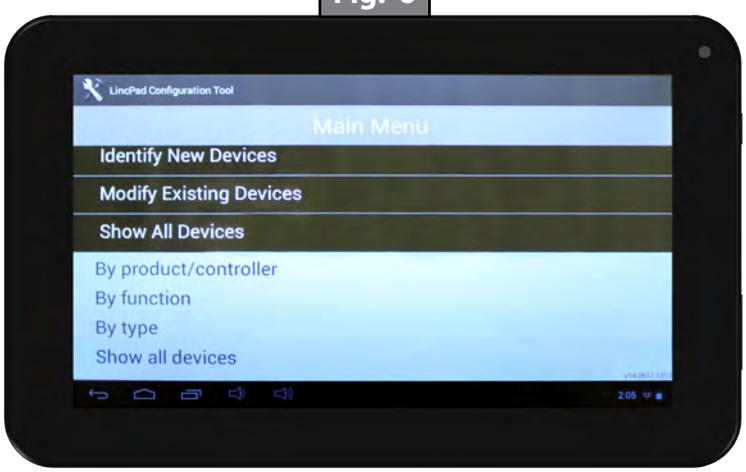


Fig. 5

Fig. 6



5. Select the relay (latching or reversing polarity) switch or tank sensor to assign a title (Fig. 7).
6. When window pops up select “Rename” (Fig. 8).
7. Select “Group”.
8. Select “Name”.
9. Press “Send” to set group and name selected (Fig. 9).
10. Repeat process for each function.

Fig. 7

Fig. 8

Fig. 9

Circuit Building For MyRV Smart Switch

1. Press “Build Circuit” (Fig. 10).

Fig. 10

2. Select first device by pressing the preferred icon. Then press Select when the pop-up window shows up on the screen (Fig. 11). Device title will highlight in yellow (Fig. 12).
3. Repeat process for each device included in the circuit.
4. Once you have selected (highlighted) all devices for the circuit, press one of the highlighted device icons. Press “Create Circuit” in pop-up window (Fig. 13). The next screen will show all devices included in the circuit and assign a circuit number (Fig. 14).

Fig. 11

Fig. 12

Fig. 13

Fig. 14

Multifunction Fuse Programming

1. Enter the MyRV configurator screen by tapping the yellow LincPad Applications icon five (5) times (Fig. 15A). You will then be prompted to enter a four-digit password (Fig. 15B). The password is the last four digits of the version number (Fig. 15C).
2. Choose the "Configurator" option (Fig. 16A).

Fig. 15

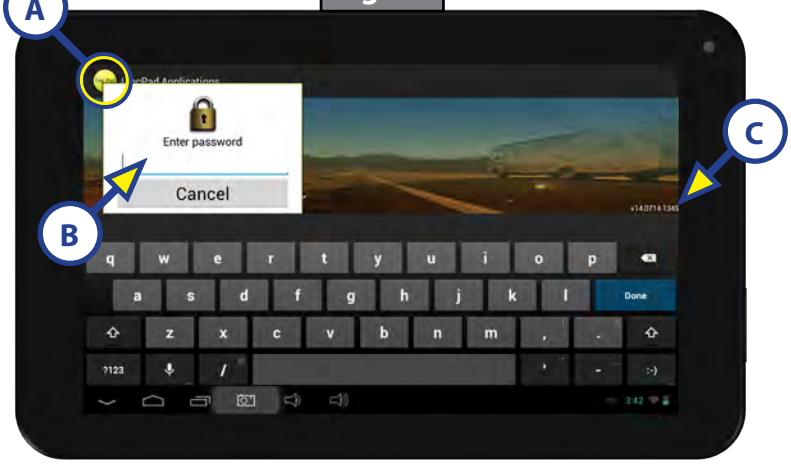


Fig. 16

3. Choose the "Show All Devices" option (Fig. 17A).
4. Choose the "By Product/Controller" option (Fig. 18A). This will display all of the products and controllers connected to the Linc system.
5. Press and HOLD the "Multifunction 8-Output" option (Fig. 19A). You will then be prompted to configure the fuses. Choose "OK" (Fig. 20A) to enter fuse configuration.

Fig. 17

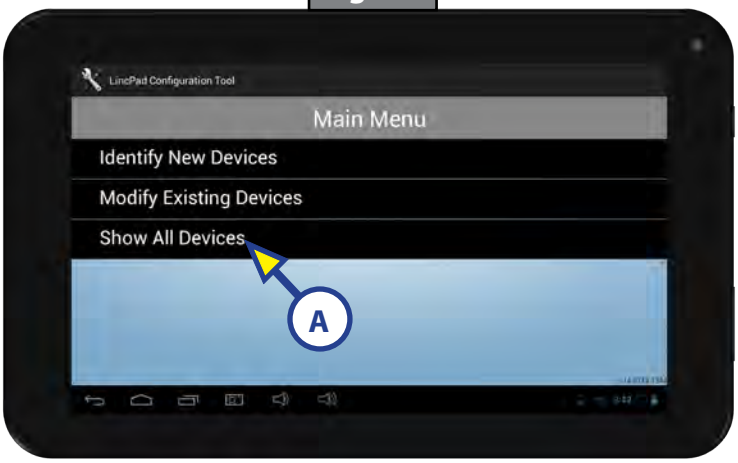


Fig. 18

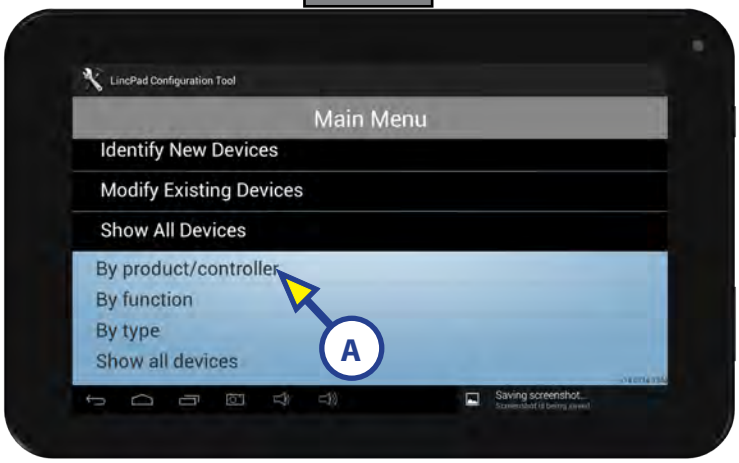


Fig. 19

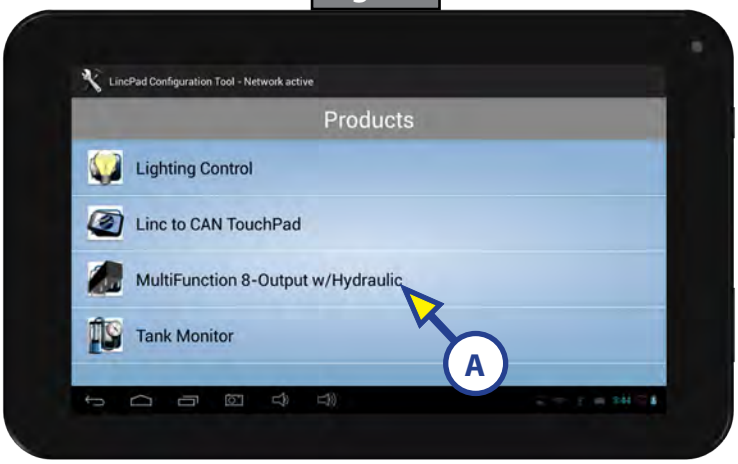
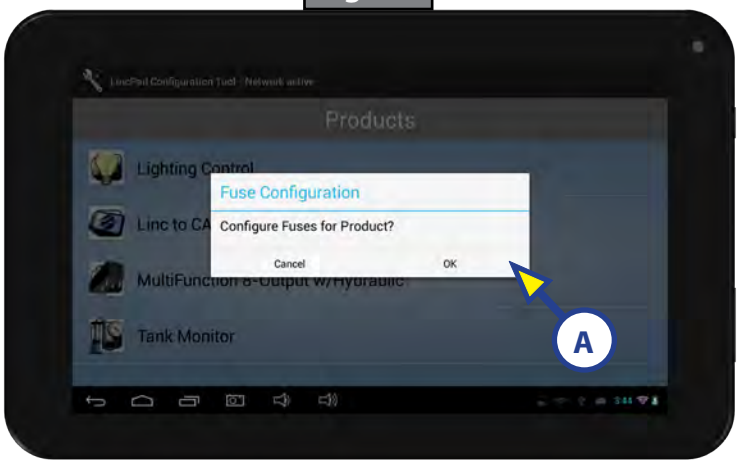


Fig. 20



6. When in the fuse configuration menu, a list of all labeled and unlabeled relay functions will appear (Fig. 21). Select the fuse location from the drop down menu on the right (Fig. 21A and Fig. 22).

Fig. 21

Fig. 22

7. Once all fuse locations are chosen, press and HOLD anywhere on the screen for a pop up menu confirming the fuse locations. Press and hold the sync button on the multifunction receiver (Fig 23A). While holding the sync button, press "OK" on the "Send All" prompt (Fig. 24A). This will program all fuse positions.

Fig. 23

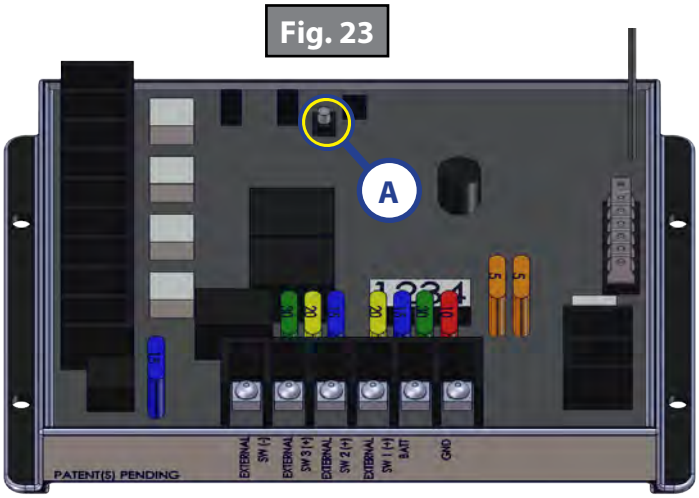
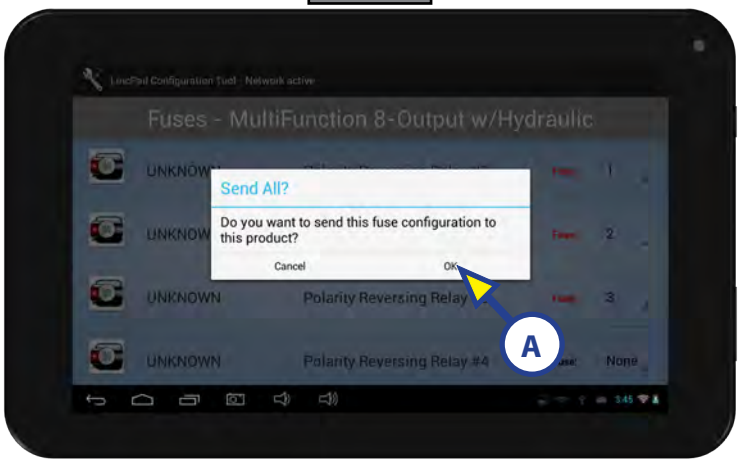


Fig. 24



Operation

Power On/Off

1. To power ON the tablet, hold and release the power button for 2-3 seconds (Fig. 25).

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

2. To enter or exit sleep mode, press and release power button.
3. To power OFF the tablet, press and hold the power button until a utility screen appears.
4. Select "Power off".
5. Press “OK” when confirmation box displays: “Your tablet will shut down.” (Fig. 27).

Volume Button

1. Volume control is located on the side of the tablet (Fig. 25). There is also a volume icon on the menu screen.

Fig. 25

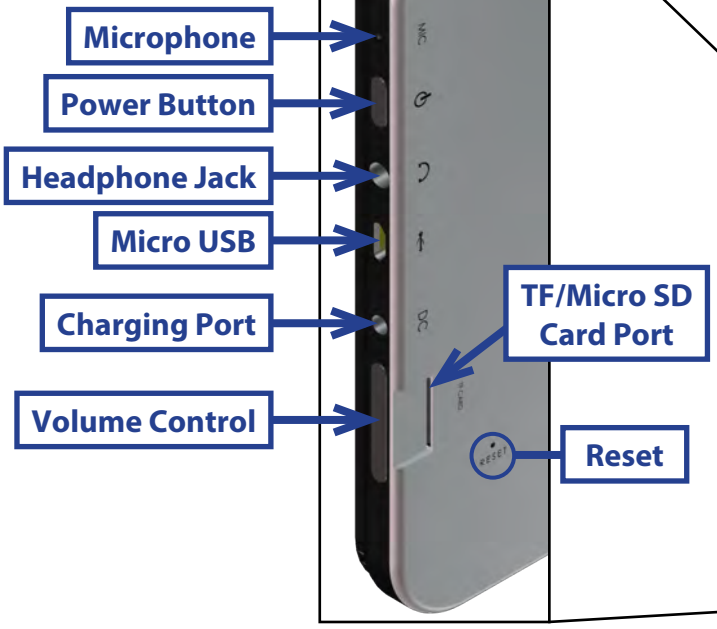
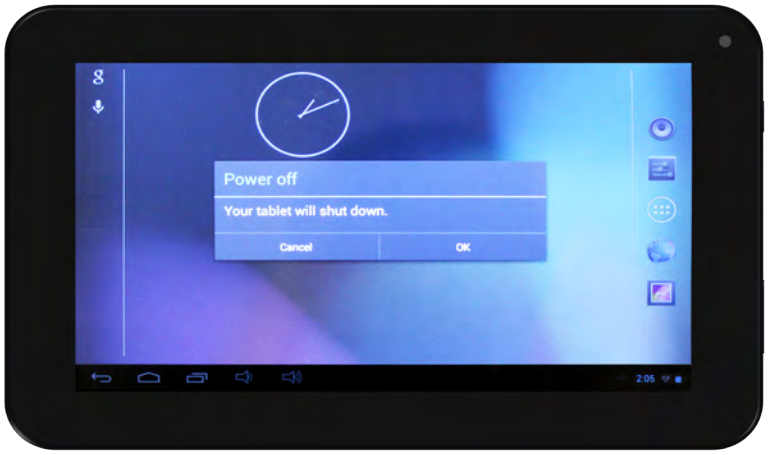


Fig. 26

Fig. 27



MyRV

1. Locate the “MyRV Control Panel” on the menu screen (Fig. 28A).
2. Pushing the “MyRV Control Panel” tab will open the “MyRV Applications” screen. This screen will display all the icons of the devices on the RV that can be operated with the MyRV Tablet.
3. Push the icon of the device you wish to operate.
4. Push the “Home” icon button, located in top right of screen, to return to “MyRV application” screen.

NOTE: MyRV includes text and video resources, including owner’s manuals and troubleshooting videos.

Fig. 28

System Information

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.

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.

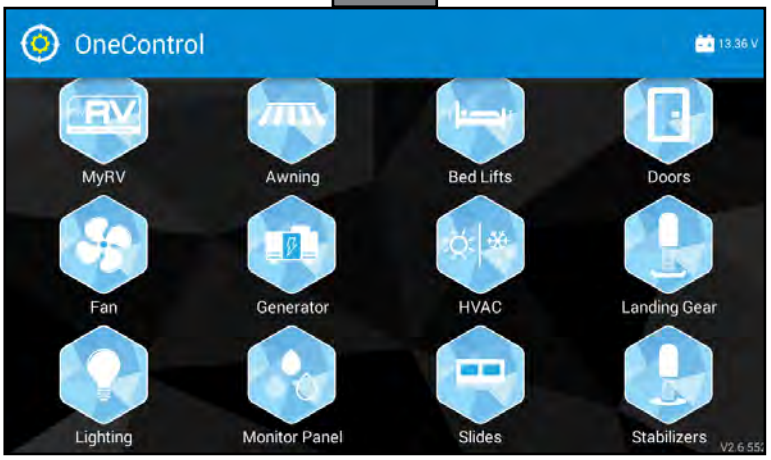
Control Panel

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



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

1. Awning, if equipped:

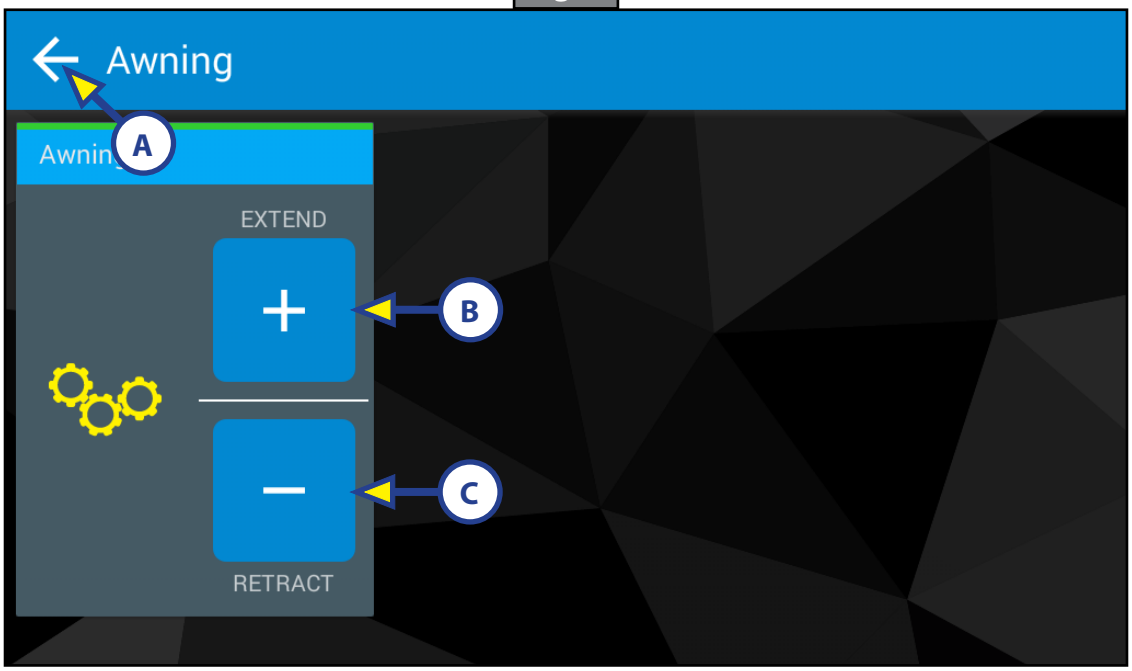
A. Pressing the Awning icon (Fig. 2) will allow you to access the awning control screen (Fig. 3).

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:

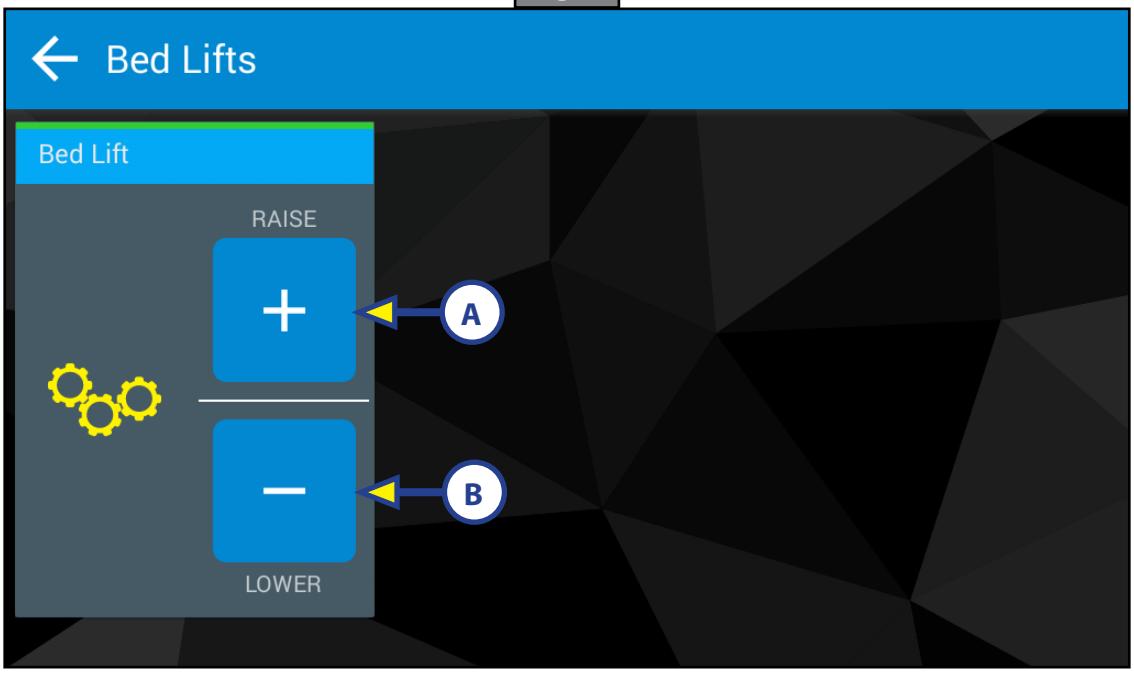
A. Pressing the Bed Lifts icon (Fig. 2) will allow you to access the bed lift control screen (Fig. 4).

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:

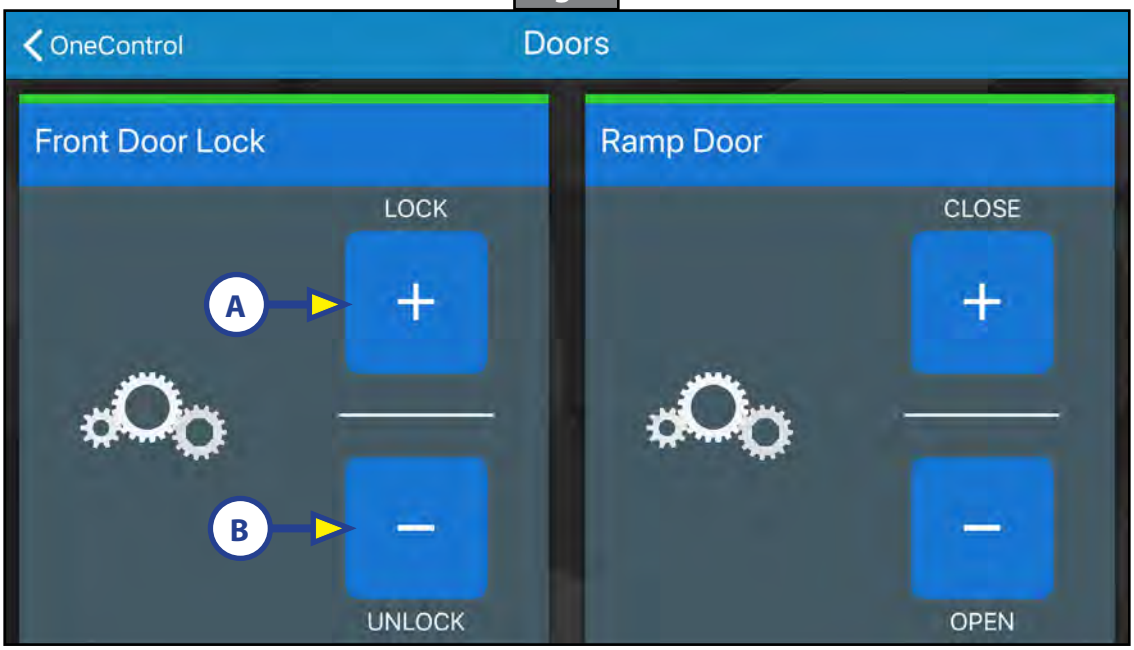
A. Pressing the Doors icon (Fig. 2) will allow you to access the door lock control screen (Fig. 5).

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).

Fig. 5

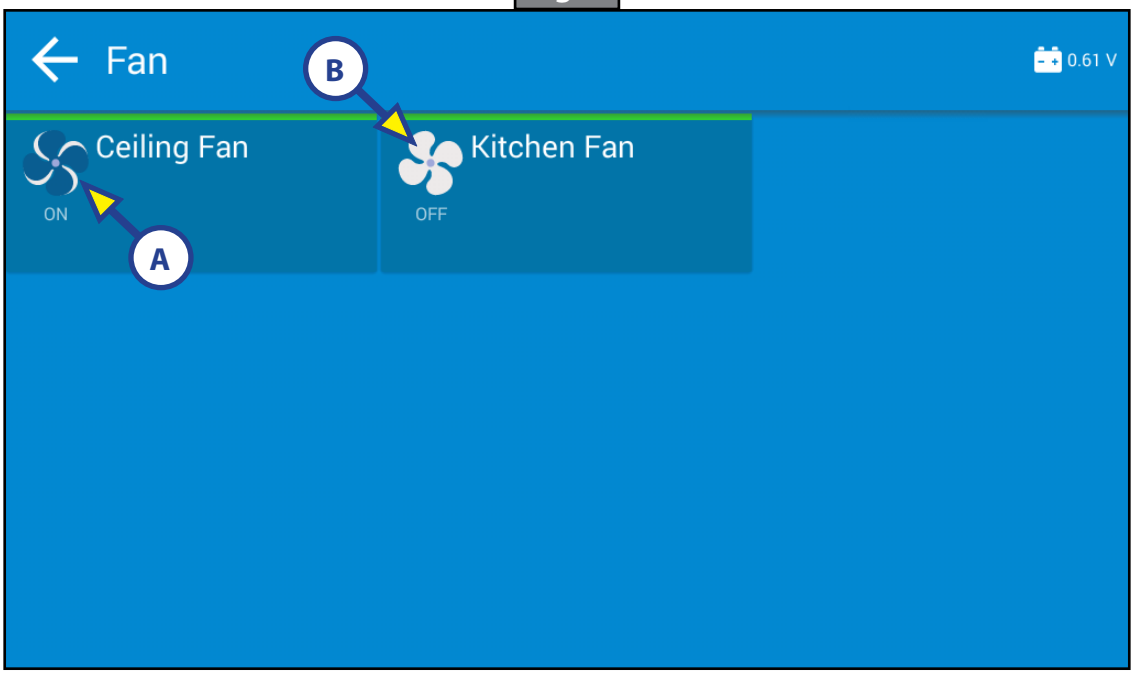


4. Fan, if equipped:

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).

Fig. 6



5. Generator, if equipped:

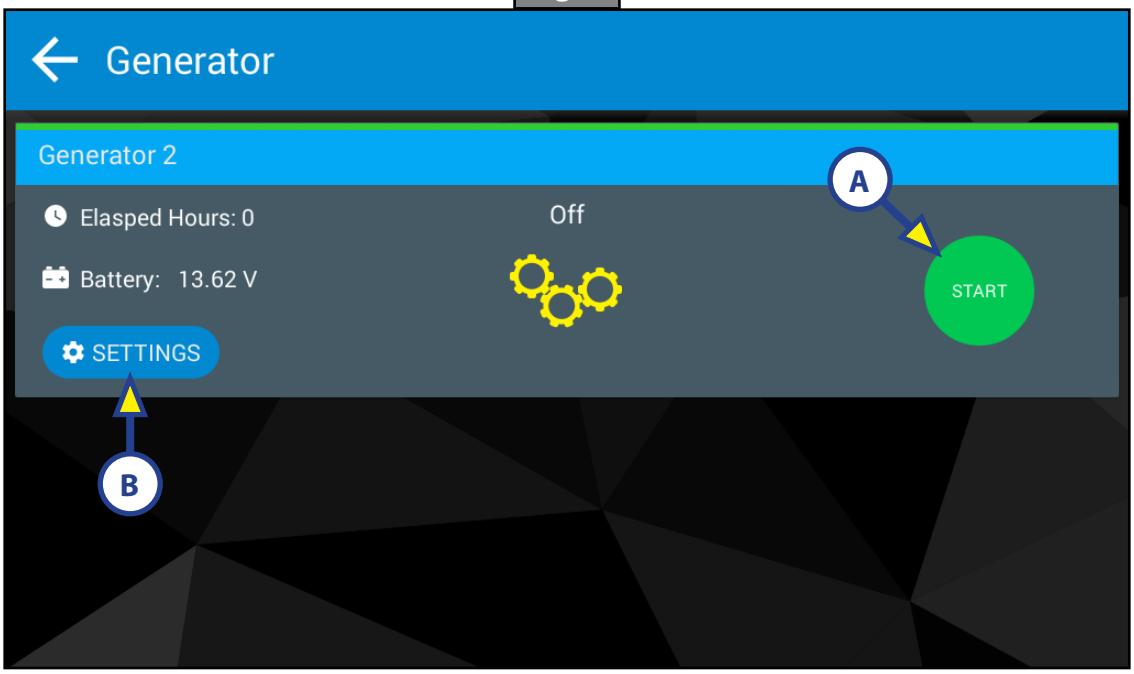
A. Pressing the Generator icon (Fig. 2) will allow you to access the generator control screen (Fig. 7).

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

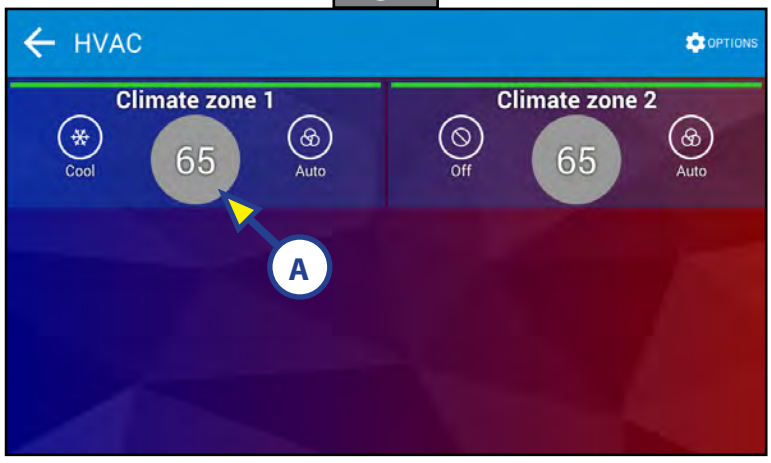
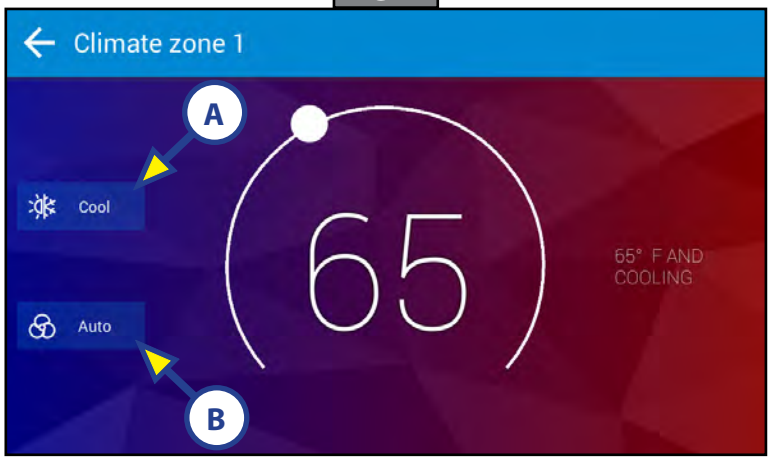


Fig. 9



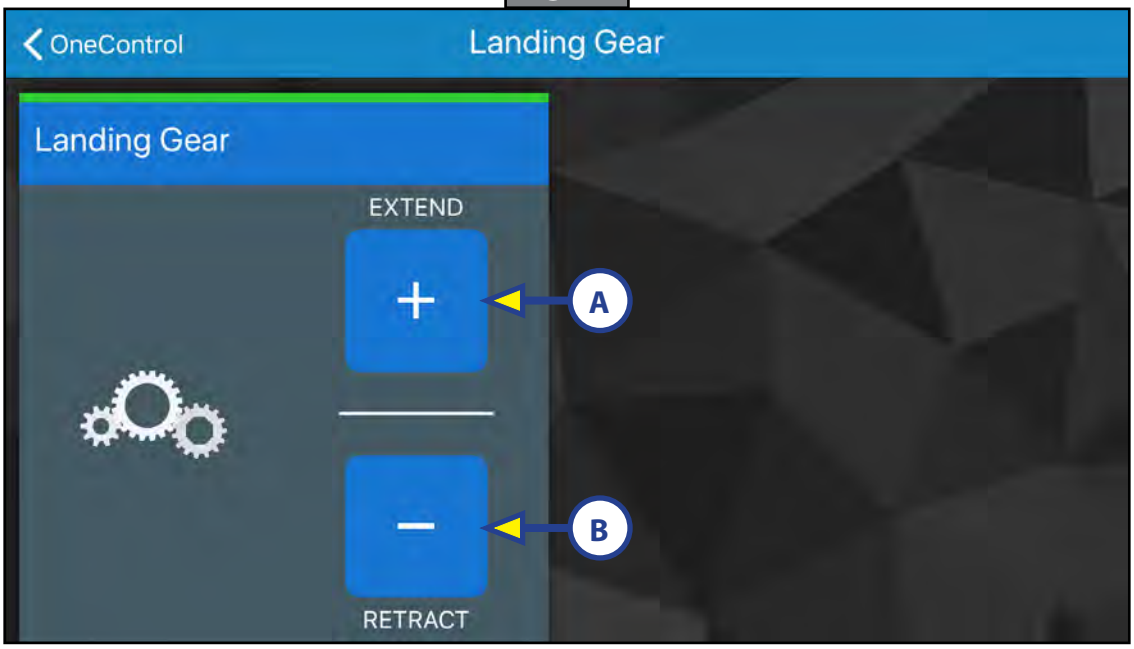
7. Landing Gear, if equipped:

A. Pressing the Landing Gear icon (Fig. 2) will allow you 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).

Fig. 10

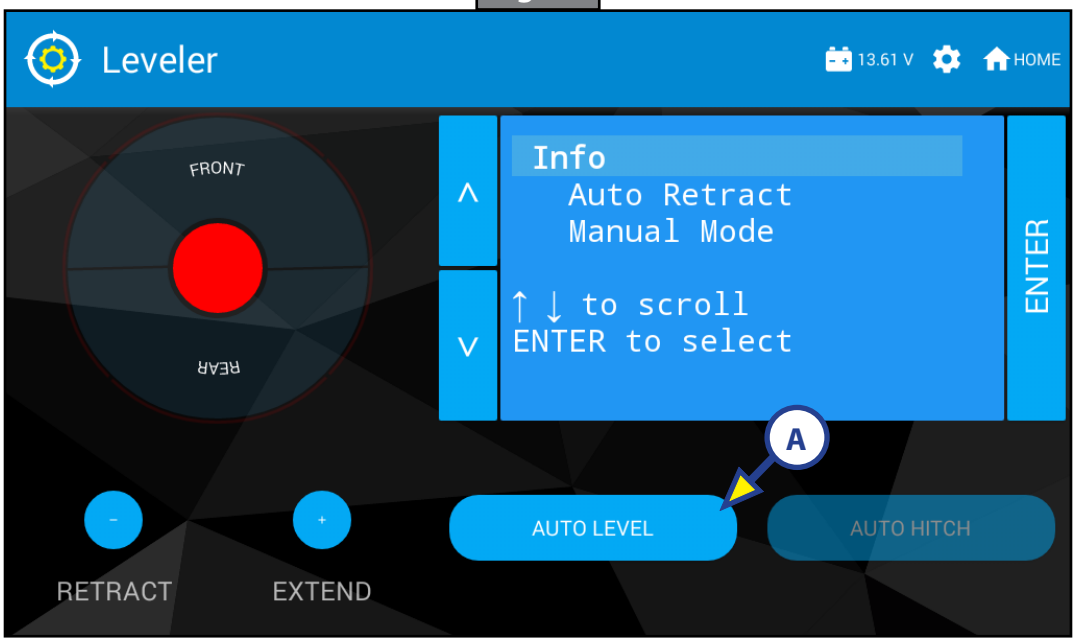


8. Levelers, if equipped:

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).

Fig. 11



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

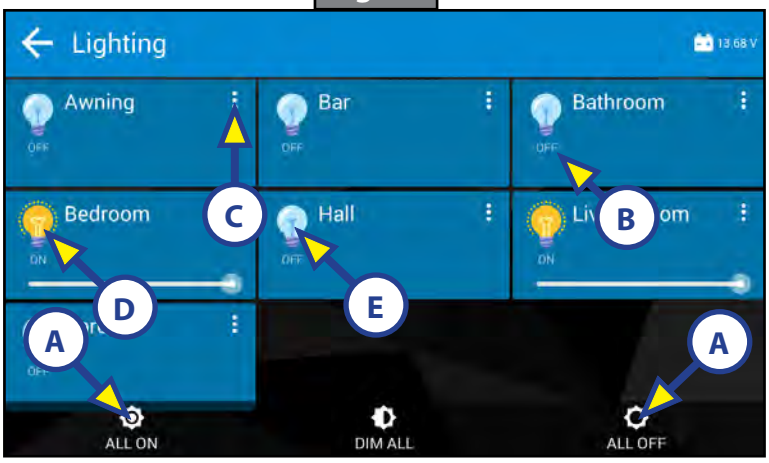
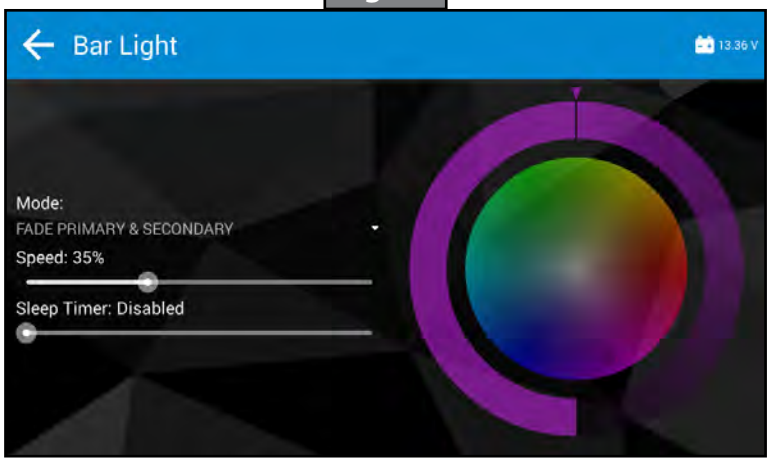


Fig. 13



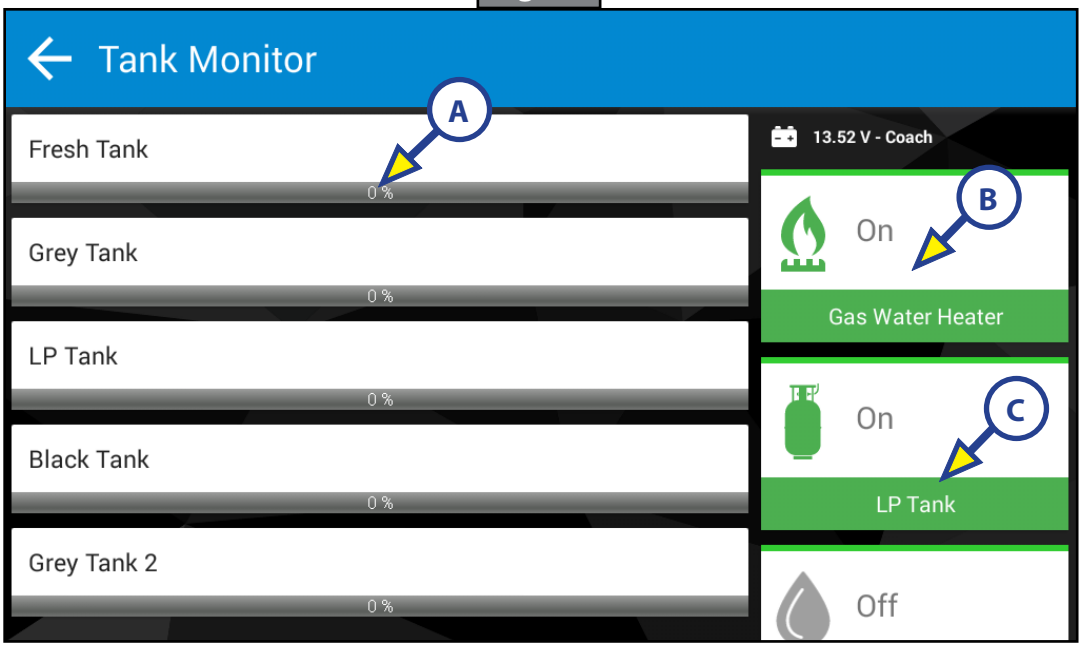
10. Tank Monitor, if equipped:

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:

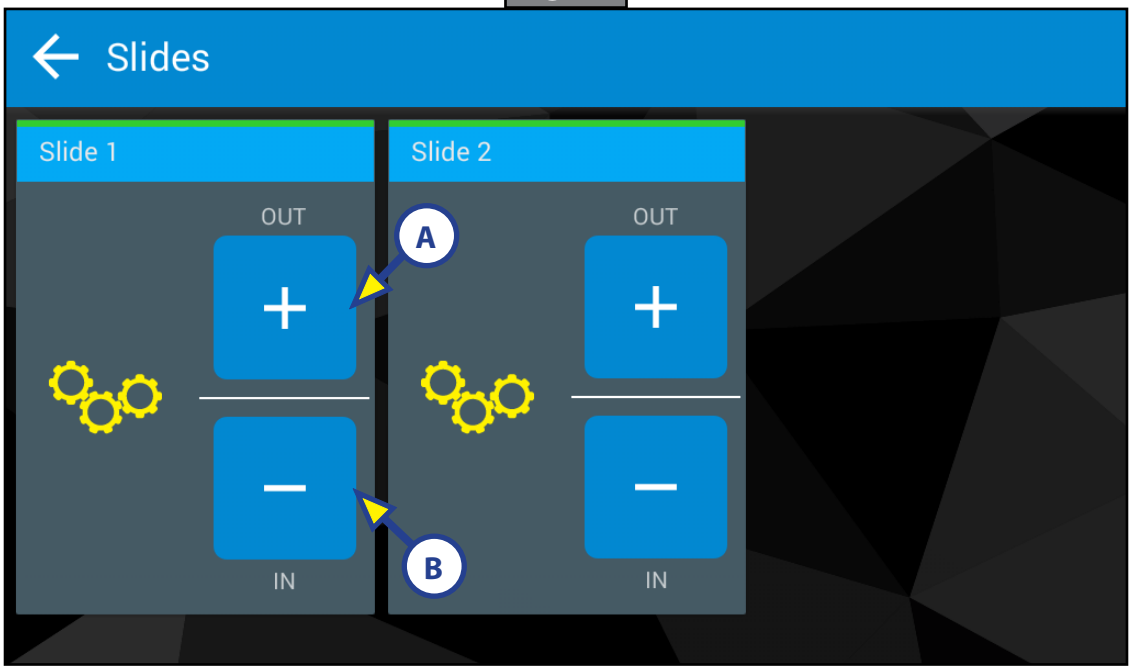
A. Pressing the Slides icon (Fig. 2) will allow you to access the slide-out control screen (Fig. 15).

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:

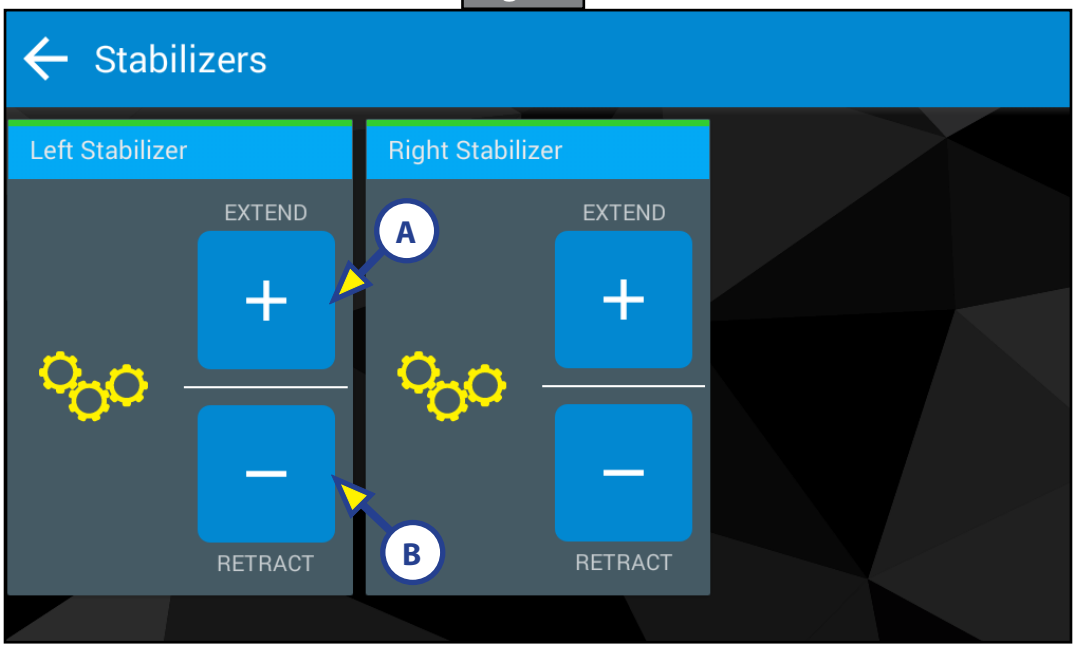
A. Pressing the Rear Stabilizer icon (Fig. 2) will allow you to access the rear stabilizer control screen (Fig. 16).

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:

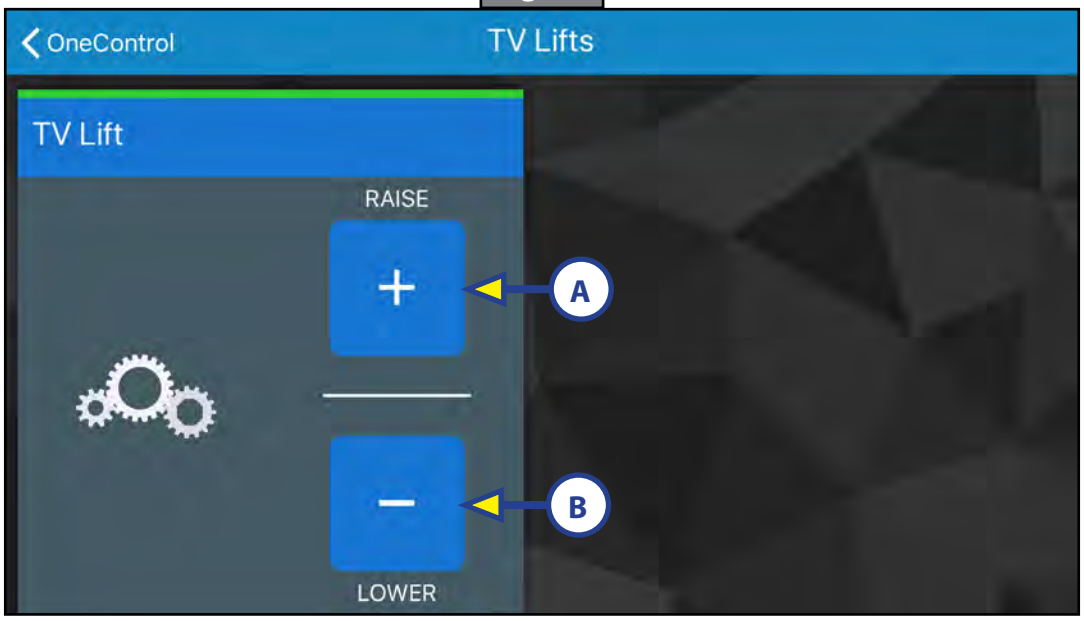
A. Pressing the TV Lift icon (Fig. 2) will allow you to access the TV lift control screen (Fig. 17).

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:

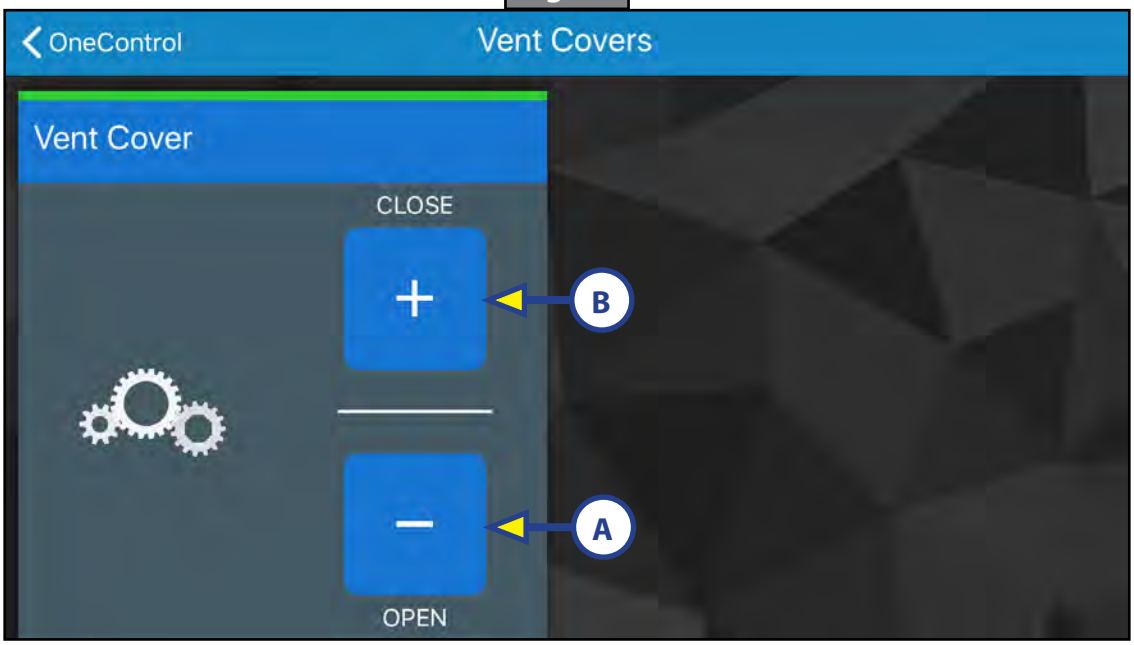
A. Pressing the Vent Covers icon (Fig. 2) will allow you to access the vent cover control screen (Fig. 18).

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

Fig. 20

1. Owner's Manuals (Fig. 19C); product documentation containing operation and basic troubleshooting (Fig. 22).

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

2. Search Function (Fig. 19D); searches the OneControl® tablet for any files (documentation, videos, images, etc.) containing the search term (Fig. 23).

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

Fig. 21

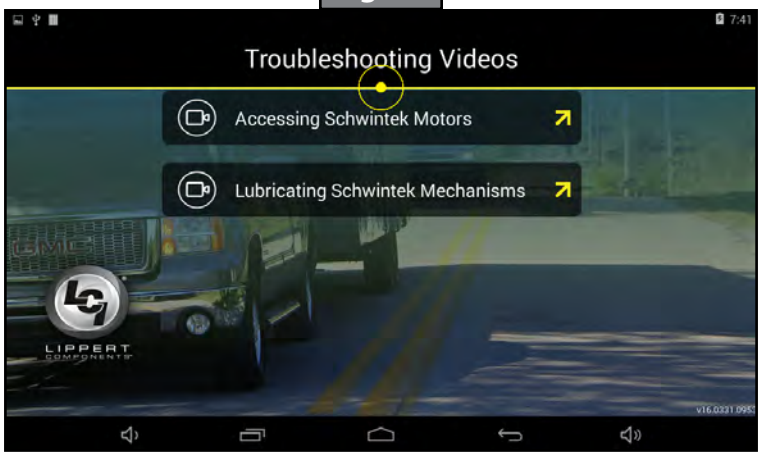


Fig. 22

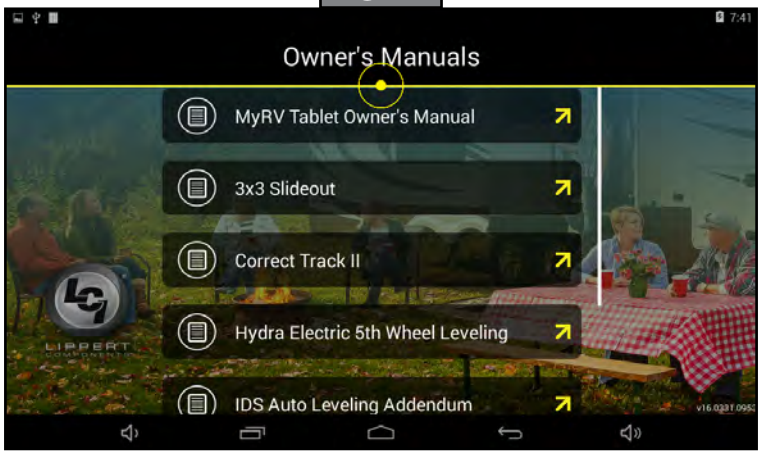


Fig. 23

3. FAQs (Fig. 19E); frequently asked questions with drop down answers (Fig. 24).

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

4. Apps (Fig. 11F); manage the tablet and information settings (Fig. 25).

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. 24

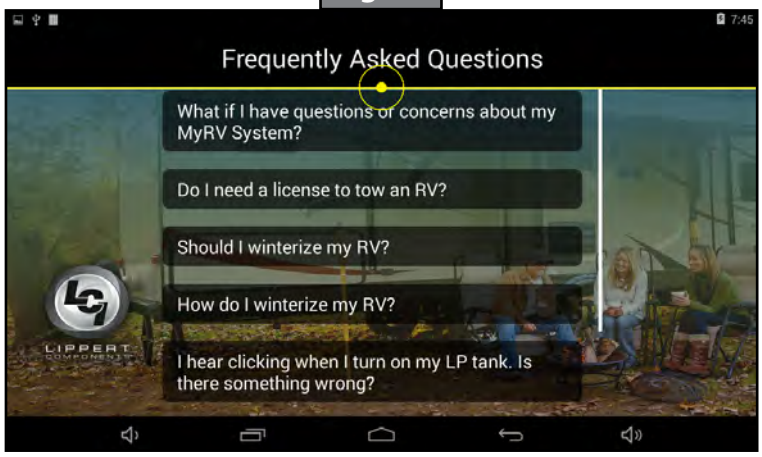
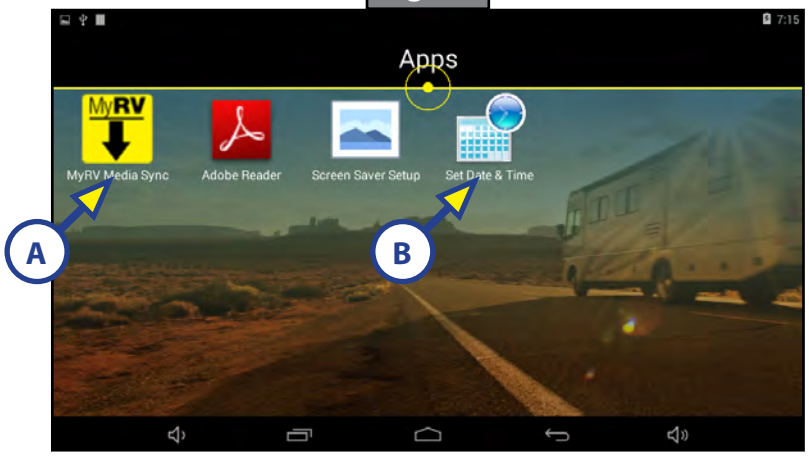


Fig. 25



SWAY COMMAND

⚠WARNING

The use of LCI's Sway Command® with 2014, 2015 or 2016 GM trucks equipped with an integrated trailer brake control module (ITBCM) could cause reduced braking effectiveness, induce loss of brake control and increase the risk of injury when towing a trailer.

When LCI's Sway Command® is functioning on a trailer, the subject GM truck will display "Service Trailer Brake System" in the vehicle message center, the ITBCM will become disabled and the electric trailer brakes will not function until the ignition has been turned off and back on to clear the code.

Do not use LCI's Sway Command® with 2014, 2015 or 2016 GM trucks equipped with an ITBCM while towing a trailer.

System Components

Sway Command ™ Controller

Sway Command® Light Pod

Sway Command® Main Harness

Sway Command® Light Pod Harness

Introduction

The Sway Command® Tow Control system is a self-contained trailer stability control module that detects undesirable trailer movement from external sensors and mitigates it by adaptively applying a variable braking voltage to the left and right trailer electric brakes.
The Sway Command® Tow Control system uses sensors to detect excessive trailer sway. The system activates automatically and applies voltage proportional to the amount of sway detected to the electric trailer brakes. This dampens the sway and slows the trailer down. When excessive sway is detected, the light pod will blink red and the tow vehicle operator may feel the trailer brakes activate until the sway is dampened.

Causes of Sway

1. When the Tongue weight is less than 10% of the trailer's weight, it has a natural tendency to sway.
2. Improper weight distribution hitch adjustments.
3. Crosswinds.
4. A transfer truck passing from the rear of the trailer.
5. Descending inclines.
6. Towing speeds.
7. Tow vehicle not properly matched for the trailer.
8. Improper loading, overloading and poor weight distribution on the trailer.
9. Incorrect tire inflation.

⚠CAUTION

Always inflate tires per manufacturer's specifications. In addition to causing sway, improper tire inflation may cause premature tire wear, poor handling, reduced fuel economy, or blowouts. Check tire inflation weekly when the tire is cold before operation.

Prior to Operation

⚠WARNING

Failure to follow the guidelines below may result in death, serious personal injury, or property damage.

1. Sway Command® must be installed as detailed in the Sway Command® Installation section. Sway Command® will not operate correctly if improperly installed.
2. Trailer brakes must be adjusted per OEM specifications to ensure proper trailer braking. The tow operator must ensure trailer brakes are properly adjusted. Sway Command® may not operate properly with improperly adjusted brakes. Discuss brake adjustments with the trailer OEM.
3. Trailer brakes must be burnished to ensure proper trailer braking. New electric brakes may contain a coating to prevent rust during shipping. An unburnished brake will reduce trailer braking capacity. The tow vehicle operator must ensure trailer brakes are properly burnished to ensure brakes are effective in slowing the tow vehicle. Sway Command® may not operate properly with improperly burnished brakes. Discuss brake burnishing with the trailer OEM.
4. Improperly adjusted tire pressure can reduce braking effectiveness and can be a source of sway. Tire pressure must be adjusted to OEM recommended pressure.
5. Tires must have useful tread life left to ensure proper braking. Tire tread below useful life could skid during braking. The tow operator must ensure tires have useful tread left.
6. Improperly loaded trailers can be a source of sway. At higher speeds, if the trailer naturally sways, the tongue weight and/or trailer weight distribution must be adjusted. Sway Command® could activate frequently in this situation causing excessive brake wear. Ensure proper hitch tongue weights are observed for the trailer.
7. The tow operator must ensure Sway Command® is operational by observing the Sway Command® Light Pod status. Ensure the light pod is illuminated green. See Sway Command® Status light for status other than green.
8. The operator should operate the tow vehicle safely as driving and weather conditions allow. Sway Command® relies on braking and tire grip to mitigate sway, and overall effectiveness of the system may be reduced or impaired in slippery/icy driving conditions.

Sway Command Controller Operation

1. When Sway Command® detects excessive sway, the light pod will blink red and the tow operator may feel the trailer brakes activate until the sway is dampened.
2. Sway Command® will wake up if it senses external brake activations. During wake up, Sway Command® performs self-checks and alternately flashes the light pod lights green and red.

NOTE: The Sway Command® light pod will be green if no issues are detected. If an issue is detected, the Light Pod will blink green once, followed by a number of red flashes. See troubleshooting for a description of the various blink codes.

3. Sway Command® will enter a low power mode after 10 minutes when it senses no tow vehicle brake activations or movement. The Sway Command® light pod will turn off when it powers down.

Light Codes and Troubleshooting

Light Flash	Why?	What Should Be Done?
Off	Unit is not powered and not active.	Unit is in low power. Activate tow vehicle brake to wake unit.
		Unit is not connected to DC 12V power supply. Verify wiring.
Green, Red, Repeat	Wake up self-checks in progress.	After a few seconds, the unit will complete self-checks, and set the lights Green if unit is ready, or a flashing code if an issue is found.
Green Solid	Unit is awake and monitoring for sway.	Every 5 seconds, there will be a brief time the Green LED turns off for a fraction of a second. This indicates unit is functional.
Red Blink (1/2 second on, 1/2 second off, repeats)	Sway Command® detected sway event and is activating brakes.	After sway subsides, light will return to green.
Green, 2 Red	A short to 12 volt detected.	Verify the break away switch is not activated.
		Verify blue brake wire not shorted to 12 volt.
Green, 3 Red	Not connected to trailer brakes.	Verify the blue brake wire is connected to the trailer brakes.
Green, 4 Red	A short to ground detected.	Verify the blue brake wire is not shorted to ground or trailer frame.
Green, 5 Red	Low voltage detected.	Verify tow vehicle and tow battery are at 12 volts.
Red Solid	Unit is not functional.	Disconnect harness, wait 10 seconds. Connect harness. If light becomes solid red, unplug unit and contact service department.
Red Fast Blink (100ms on, 100ms off, repeats)		

NOTE: In the event a tow vehicle brake controller detects a fault after **Sway Command®** detects a sway event, manually activate the tow vehicle brake controller a few times to clear the fault.

Sway Command Compatible Tow Vehicle Brake Control Modules

The tow vehicle brake control module (BCM) applies brakes to the trailer when the tow operator presses on the tow vehicle brake pedal or activates a manual switch on the tow vehicle BCM. A tow vehicle BCM may be OEM factory installed or an aftermarket install.

NOTE: LCI attempts to provide compatibility with aftermarket BCMs and integrated trailer brake control modules (ITBCMs) but is unable to anticipate design changes by other manufacturers. LCI is continually testing BCMs and ITBCMs and advises you to visit www.lci1.com/sway for a complete and updated list as the website listing is periodically revised as further testing is completed and approved.

⚠WARNING

The use of LCI's Sway Command® with 2014, 2015 or 2016 GM trucks equipped with an integrated trailer brake control module (ITBCM) could cause reduced braking effectiveness, induce loss of brake control and increase the risk of injury when towing a trailer.

When LCI's Sway Command® is functioning on a trailer, the subject GM truck will display "Service Trailer Brake System" in the vehicle message center, the ITBCM will become disabled and the electric trailer brakes will not function until the ignition has been turned off and back on to clear the code.

Do not use LCI's Sway Command® with 2014, 2015 or 2016 GM trucks equipped with an ITBCM while towing a trailer.

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Over the years of running a mobile RV repair service, having a dedicated place to access service manuals for all the different appliances and components found on RVs was something that I always had a desire to create.

I hope this resource makes your RV repairs easier, as it has mine, but please be careful and follow proper safety practices when attempting to repair your own RV.

If in doubt, please consult with a professional RV technician!

DARREN KOEPP - OWNER, MY RV WORKS, INC.

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