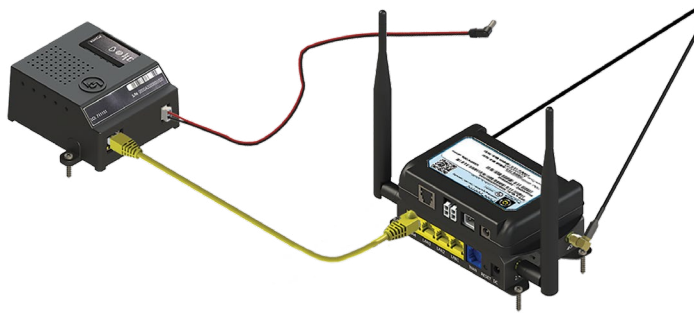




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OneControl ConnectAnywhere™ (OEM Prepped) Installation and Owner's Manual (For Aftermarket Applications)

Prepped OneControl ConnectAnywhere™

Part #	Description
769465	Prepped OneControl ConnectAnywhere Kit™

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Introduction

The LCI OneControl ConnectAnywhere™ system (Fig.1) adds on-line access and remote control functionality to any unit equipped with a mobile Internet connection and the LCI OneControl app. The system connects LCI OneControl® branded electronic controls to the OneControl Cloud™, enabling remote access, management, and control over various features of the unit.

The ConnectAnywhere system requires access to an existing cellular Internet connection and an installed LCI OneControl app onto a mobile device. The system is designed as an upgrade from a previously installed OneControl® system.

ConnectAnywhere™ is certified with AT&T® cellular services using 3G bands II, IV, V and 4G LTE bands 2,4 and 12. In order to activate the ConnectAnywhere system, the owner will need to purchase a data package from LCI.

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.

Additional information about this product can be obtained from lci1.com/support or by using the myLCI® app. Replacement kits can be ordered from <https://store.lci1.com/> or by using the myLCI app.



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The myLCI app is available for free on iTunes® for iPhone® and iPad® and also on Google Play™ for Android™ users.

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

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

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 AN INSTALLATION PROCEDURE HAS A SAFETY RISK INVOLVED AND MAY CAUSE DEATH, SERIOUS PERSONAL INJURY, SEVERE PRODUCT OR UNIT DAMAGE IF NOT PERFORMED SAFELY AND WITHIN THE PARAMETERS SET FORTH IN THIS MANUAL.

⚠ CAUTION

THE "CAUTION" SYMBOL ABOVE IS A SIGN THAT AN INSTALLATION PROCEDURE HAS A SAFETY RISK INVOLVED AND MAY CAUSE PERSONAL INJURY, PRODUCT OR UNIT 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.

Parts List

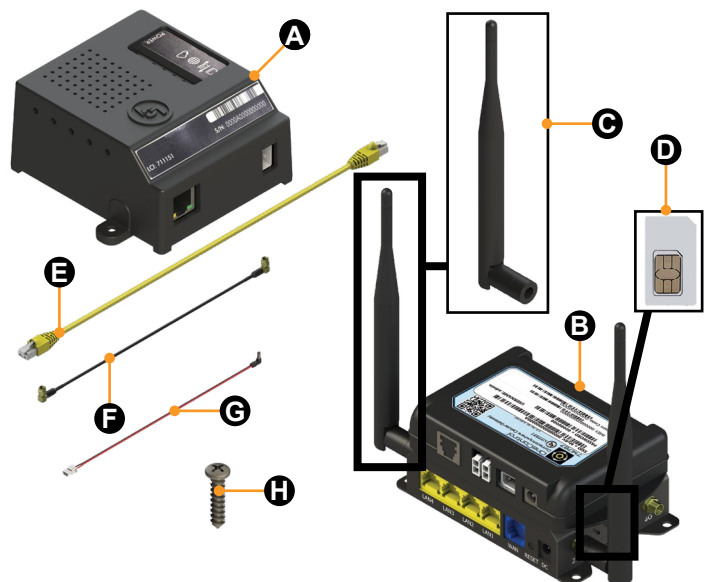


Fig.1

Prepped OneControl ConnectAnywhere Kit# 769465

Letter	PN	Description	Qty
A	711151	LCI Cloud Gateway	1
B	714787	Cellular Gateway Kit	1
C	722251	Wi-Fi Antenna, 2.4 GHz	2
D	794749	LCI SIM Card	1
E	716727	Router Ethernet Cable	1
F	727072	SMA M/M Cellular Coaxial Cable, Right Angle, 12"	2
G	768082	2.5mm x 5.5mm RA DC to IDS Power Connector cable	1
H	N/A	Screw, #8 x 3/4"	8

NOTE: Part numbers are shown for identification purposes only. Not all parts are available for individual sale. All parts with a link to the Lippert Store can be purchased.



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Resources Required

- Electric or cordless drill or screw gun
- Phillips head screwdriver
- Appropriate drive bits

Preparation

System Requirements

NOTE: The following system requirements are not included in the ConnectAnywhere system and must be provided by the owner of the unit:

- Internet connection
- LCI data package

1. Internet Access—The ConnectAnywhere system requires a working cellular Internet connection.
2. Installed LCI OneControl Compatible Electronic Products—The ConnectAnywhere system is designed to enable remote control of LCI OneControl brand electronic products.
3. LCI data package—The ConnectAnywhere system requires a LCI data package. See the Quick Start Guide for purchasing a data package.

Pre-installation Checks

Before installing the ConnectAnywhere system, perform the following pre-installation checks to ensure a smooth system installation.

1. Locate the **Claim Code**, **SSID**, **PASSWORD**, **IMEI** and **Claim Code** information printed on the OneControl Cellular Gateway label (Fig.2). Copy the number for later use.

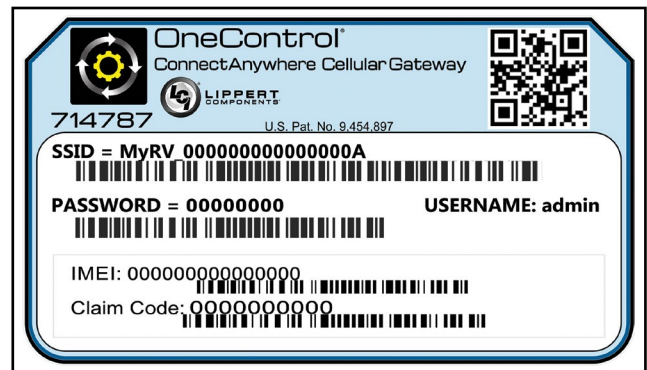


Fig.2

NOTE: The **Claim Code** uniquely identifies a ConnectAnywhere system on the Internet and is used during product activation. The **IMEI** number is a unique 15-digit serial number given to every mobile phone, which can be used to check information such as the phone's country of origin, the manufacturer and its model number. Therefore, use care not to lose this information!



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⚠ CAUTION

THE IMEI NUMBER IS A UNIQUE 15-DIGIT SERIAL NUMBER GIVEN TO EVERY MOBILE PHONE. THE IMEI NUMBER SHOULD BE TREATED AND PROTECTED THE SAME AS A PERSONAL IDENTIFICATION NUMBER (PIN) TO PREVENT UNAUTHORIZED ACCESS TO THE SYSTEM. USE CARE WHEN PLACING ADDITIONAL PRODUCT LABELS THAT SHOW PRODUCT-SENSITIVE INFORMATION, SUCH AS SSID, PASSWORD AND IMEI#.

NOTE: The **Claim Code**, **SSID**, **PASSWORD** and **IMEI** information will be used later during product activation. Record the information and store in a convenient, safe place for later use.

2. Verify the unit is equipped with the LCI OneControl system. Refer to the manufacturer's owner's manual.
3. Determine if the existing OneControl Cellular Gateway box is located in the middle (Control) or at the end (First/Last Control) of the CAN bus daisy chain (Fig.3).

NOTE: A typical CAN bus wiring (Fig.3) uses a daisy chain system, with each controller connected to the previous controller. In this configuration, each electronic control has two CAN connectors—daisy in/daisy out. The beginning and end of the daisy chain are terminated with a special terminating resistor. When swapping out a CAN bus system component, note the original location and configuration of the terminating resistor or CAN bus wires.

⚠ CAUTION

IF ONE OR BOTH CAN CONNECTORS ARE EMPTY, YOUR UNIT'S CAN BUS IS WIRED WRONG. STOP! CONTACT LIPPERT SUPPORT FOR ASSISTANCE.

NOTE: Two CAN connectors are present on every OneControl electronic controller module. Both connectors must be populated for the system to operate.

4. Make sure the cellular Internet connection is working properly—Wi-Fi only connects to wireless devices, not to the Internet

Installation

Removal of OneControl Wi-Fi Gateway

Remove the existing Wi-Fi hub component as follows:

⚠ CAUTION

POWER SURGES AND/OR ELECTROSTATIC DISCHARGE (ESD) EVENTS CAN DAMAGE ELECTRONIC COMPONENTS AND SYSTEMS BEYOND REPAIR. THE ONECONTROL CONNECTANYWHERE IS AN ELECTRONIC SYSTEM. MAKE SURE ALL POWER TO THE UNIT IS DISCONNECTED AND TURNED OFF BEFORE REMOVING OR INSTALLING ANY ELECTRONIC COMPONENT FROM OR TO THE SYSTEM.

1. Disconnect unit from 12V battery system and shore power, turn off main power supply or make sure motorized unit's engine is not running and ignition is in the off position.

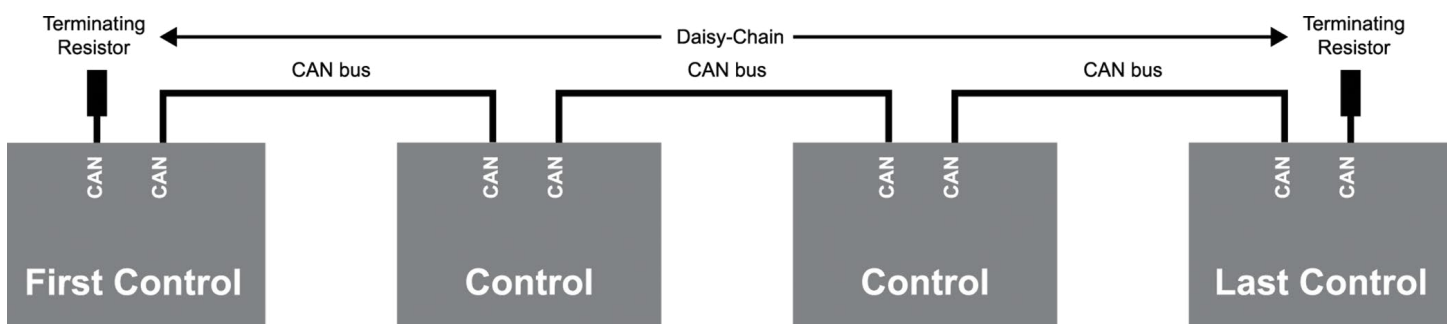


Fig.3

OneControl ConnectAnywhere™ (OEM Prepped) Installation and Owner's Manual (For Aftermarket Applications)

2. Locate the OneControl Wi-Fi Gateway (Fig.4A).

A. If the controller is at the beginning or end of the chain (Fig.3), disconnect the CAN bus cable and terminating resistor (Fig.4B).

B. If the controller is in the middle of the chain (Fig.3), disconnect the two CAN bus cables from the controller (Fig.4C).

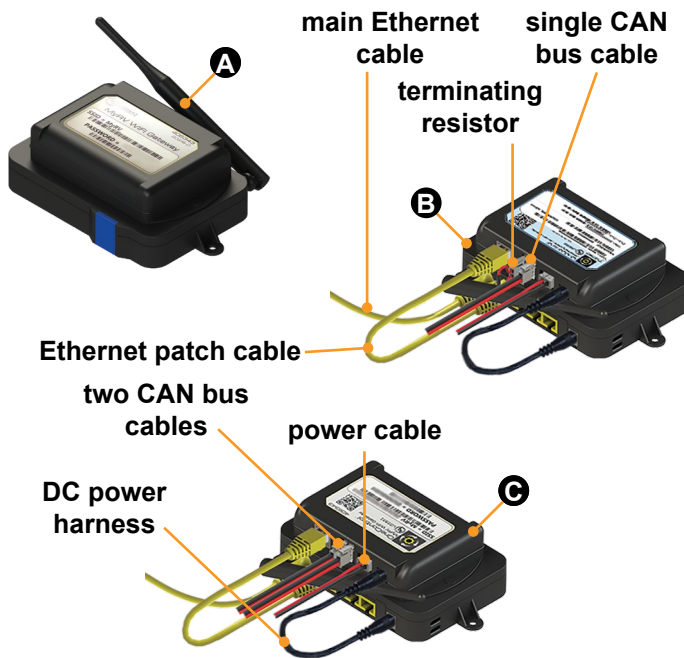


Fig.4

3. Disconnect remaining power and Ethernet cables (Fig.4).

4. Set power harness, Ethernet patch cable and/or CAN bus wires or terminating resistor, if applicable, aside for reuse.

5. Remove mounting screws from the OneControl Wi-Fi Gateway.

6. Remove the gateway—it will not be reused.

Cellular Gateway Installation

1. If possible, use the same area from which the OneControl Wi-Fi Gateway was removed to install the OneControl ConnectAnywhere Cellular Gateway.

NOTE: Make sure the intended mounting location allows enough room to comfortably install all controls, antennae and wiring without cable kinks or restriction of antennae movement.

NOTE: If possible, make sure product labels—containing **Claim Code**, **SSID**, **PASSWORD**, **IMEI** and **Claim Code** information—are easily readable and accessible.

2. Use #8 screws (Fig.1H) to install the LCI Cloud Gateway (Fig.1A) and the Cellular Gateway (Fig.1B).

CAUTION

USE CARE NOT TO PRESS THE “RESET” BUTTON ON THE CELLULAR GATEWAY. PRESSING THE RESET BUTTON WILL SET THE DEVICE BACK TO FACTORY SETTINGS.

NOTE: Do not press “RESET” on the back of the Cellular Gateway. Pressing RESET will take the device back to factory settings, making the device temporarily inoperable. Call Lippert Components, Inc. Customer Service at 574-537-8900 for assistance.

NOTE: The Cellular Gateway (Fig.1B) comes with two 2.4 GHz Wi-Fi antennae (Fig.1C) and a LCI SIM card (Fig.1D) pre-assembled.

NOTE: Make sure the **Claim Code**, **SSID**, **PASSWORD** and **IMEI** information can easily be read off of the product label after installation. These codes will be used later during product activation.

3. Use the long router Ethernet cable (Fig.1E) to connect the Ethernet port on the LCI Cloud Gateway to any LAN (LAN1-LAN4) port on the Cellular Gateway (Fig.5).

4. Reuse the previously removed Ethernet patch cable (step 3 in the Removal of OneControl Wi-Fi Gateway section) to connect the Ethernet port on the Cellular Gateway to any LAN (LAN1-LAN4) port (Fig.5).

5. Depending on the CAN bus system location of the previous controller, daisy chain the CAN to Cellular Gateway into the unit's CAN bus system (Fig.3).



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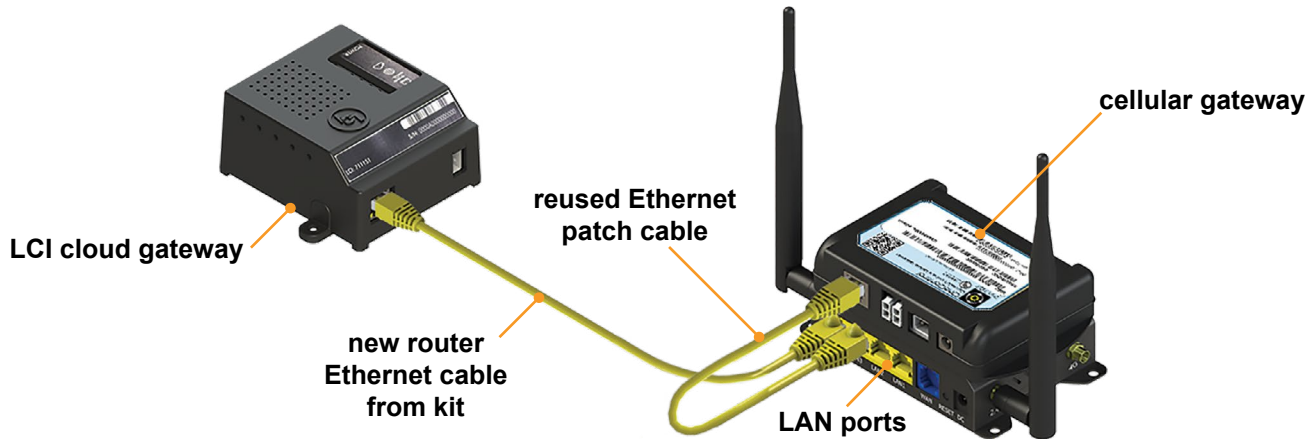


Fig.5

⚠ CAUTION

TERMINATING RESISTORS ARE REQUIRED FOR PROPER OPERATION OF THE CAN BUS SYSTEM AND MUST REMAIN INSTALLED WHEN MODIFYING THE CAN BUS SYSTEM.

NOTE: It does not matter which CAN bus port the cable or terminating resistor is plugged into on the Cellular Gateway.

- A. If the Cellular Gateway will be in the middle of the CAN bus daisy chain (Fig.3), reconnect the CAN bus cables (Fig.6).
- B. If the Cellular Gateway controller will be at the beginning or end of the CAN bus daisy chain (Fig.4), reconnect the CAN bus cable and install the previously removed terminating resistor (Fig.7).

NOTE: Take care not to damage the terminating resistor.

- C. Make sure all CAN connectors are populated and all connections are solid.

NOTE: Two CAN connectors are present on every OneControl electronic controller module. Both connectors must be populated for the system to operate.

6. Connect the two short, right-angled coaxial cables (Fig.8A) to the Cellular Gateway's 4G ports (Fig.8B).

7. Connect the other end of the right-angled coaxial cables (Fig.19 and B) to each of the coaxial ports on the ConnectAnywhere interface plate (Fig.9).

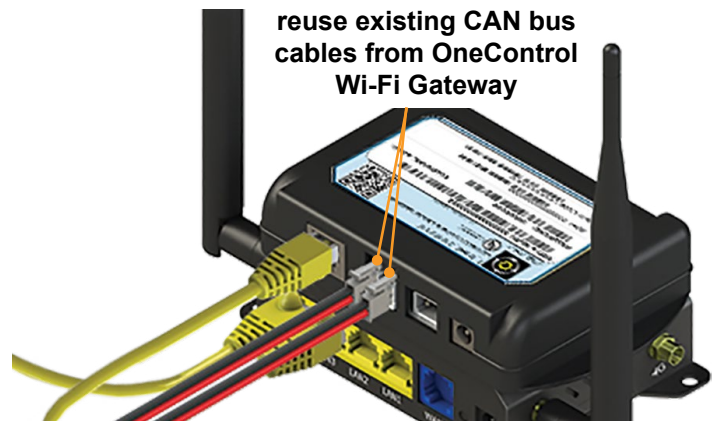


Fig.6



Fig.7

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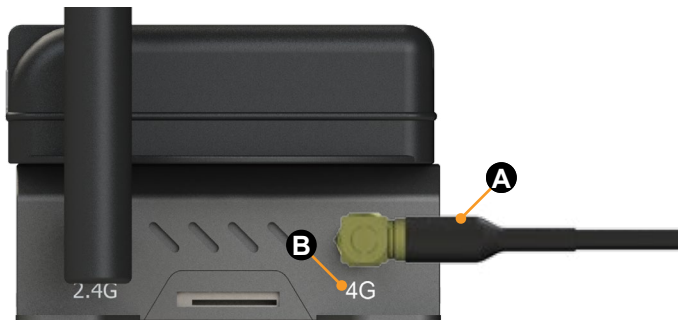


Fig.8



Fig.9

8. Reconnect original CAN bus power harness (Fig.10A), that was previously disconnected (step 3 in the Removal of OneControl Wi-Fi Gateway section) to the ConnectAnywhere Cellular Gateway (Fig.10).

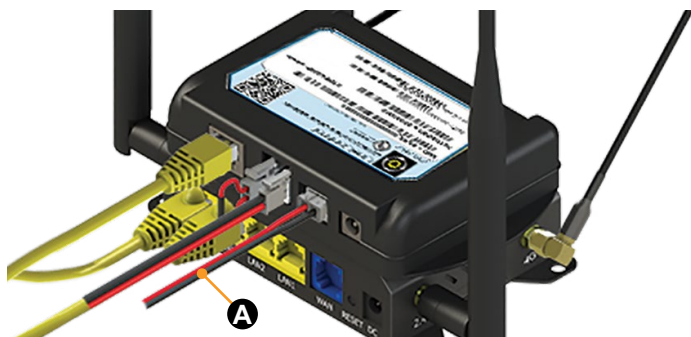


Fig.10

9. Connect the CAN bus plug-end of the power connector (Fig.11A) to the OneControl Cellular Gateway power receptacle.

10. Connect the barrel-style end of the power connector (Fig.11B) to the ConnectAnywhere interface plate (Fig.12A).

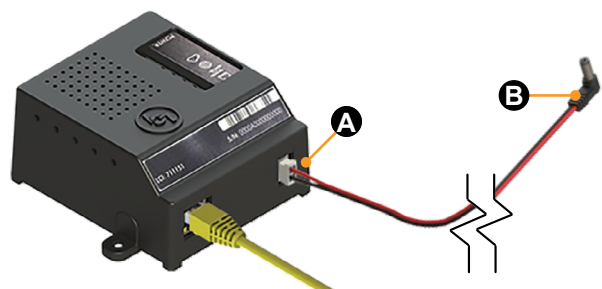


Fig.11

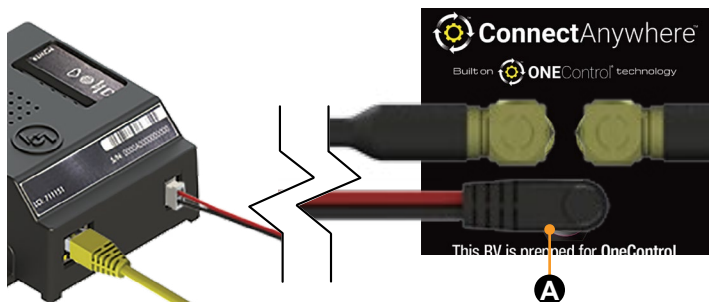


Fig.12

11. Connect the previously removed 2.1 mm DC power harness (Fig.13A) to the OneControl Cellular Gateway.

12. Perform the following post-hardware installation checks:
- All product labeling, codes and indicator lights are visible from their mounting locations.
 - No kinks in cabling.
 - Unrestricted 2.4 GHZ Wi-Fi antennae movement.

13. Reconnect shore power to the unit, then the 12V DC battery source to the ConnectAnywhere system.

14. Verify the installation is correct by checking the LEDs on the OneControl Cloud Gateway (Fig.14).



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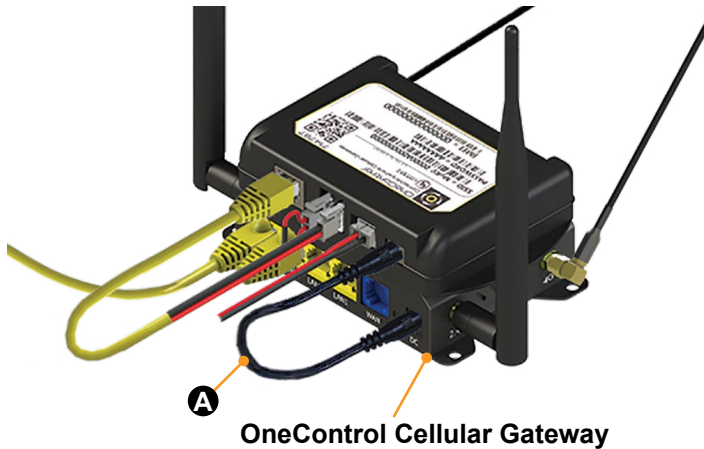


Fig.13



Fig.14

⚠ CAUTION

IF ONE OR MORE LEDS ARE NOT SHOWING PROPER INDICATION, THEN THE INSTALLATION IS INCORRECT. THE INSTALLATION CONCERN MUST BE CORRECTED BEFORE THE UNIT CAN BE ACCESSED REMOTELY. SEE THE TROUBLESHOOTING SECTION FOR ADDITIONAL INFORMATION.

NOTE: Wait for the system to finish booting before checking LED status. This takes approximately one minute.

15. Refer to Cloud Gateway Status Chart to assess each function's status. All LEDs must show proper status condition before performing product activation. Refer to Wiring Diagram (Fig.79) for correct system connections.

If all cloud gateway assembly status LEDs show proper status indications, then system hardware installation is complete.

Go to the Product Activation section to activate the ConnectAnywhere system through the LCI Customer Community web portal to test the installed system's functionality.



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Cloud Gateway Status Chart			
LED	Description	Expected Color	Meaning
POWER	Power On/Off		Green indicates unit is powered and healthy.
	Local Area Network (LAN) Status		Green indicates that Ethernet is connected and the LAN is working.
	CAN bus Status		Green indicates that the CAN bus is connected and working.
	Connection to Internet		Green indicates that the connection to the Internet is working.
	Connection to OneControl Cloud	OFF, or	OFF, Green or Orange indicates status of connection to the OneControl Cloud.
Spare	Unused	Unused	Reserved for future use.

Product Activation

ConnectAnywhere system activation requires a data package from LCI, the download and installation of the LCI OneControl app onto a mobile device and account registration with the LCI Customer Community web portal.

After system activation and account registration has been completed, the OneControl ConnectAnywhere system is managed through the LCI Customer Community web portal.

SIM Card Activation

Before contacting Lippert customer service (lci1.com), make sure to have the **IMEI** (International Mobile Equipment Identity) and **Claim Code** numbers available. The **IMEI** and **Claim Code** numbers are printed on the ConnectAnywhere Cellular Gateway label (**Fig.2**).

1. Before purchasing a LCI data package, refer to the Quick Start Guide for additional data plan information.
2. Download and install the LCI OneControl app (**Fig.15**) from either Apple's App Store (iOS) or Google Play (Android). Connect to the secured Wi-Fi network as follows:



LCI OneControl
Lippert Compone...
★★★★☆ (280)

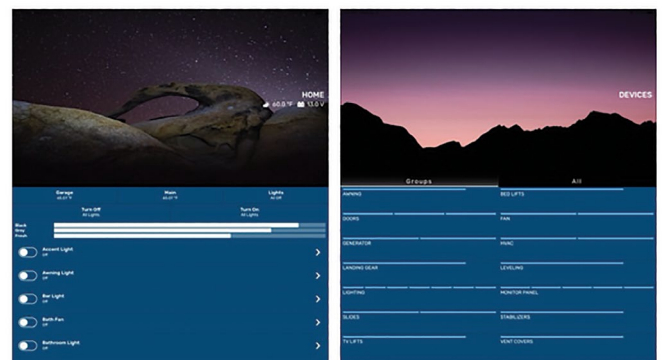


Fig.15



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



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NOTE: Terms used and images are from an iOS device—Android device terms and images may differ slightly.

NOTE: Secured Wi-Fi networks are password-protected. An image of a closed lock  will appear next to its name.

1. On the mobile device being used, go to Settings > Wi-Fi. Make sure the Wi-Fi setting is turned on (**Fig.16**).

2. Select the name of the desired, secured Wi-Fi network (**Fig.17**).

NOTE: This network name will be the **SSID** name (**Fig.2**) printed on the ConnectAnywhere Cellular Gateway label.

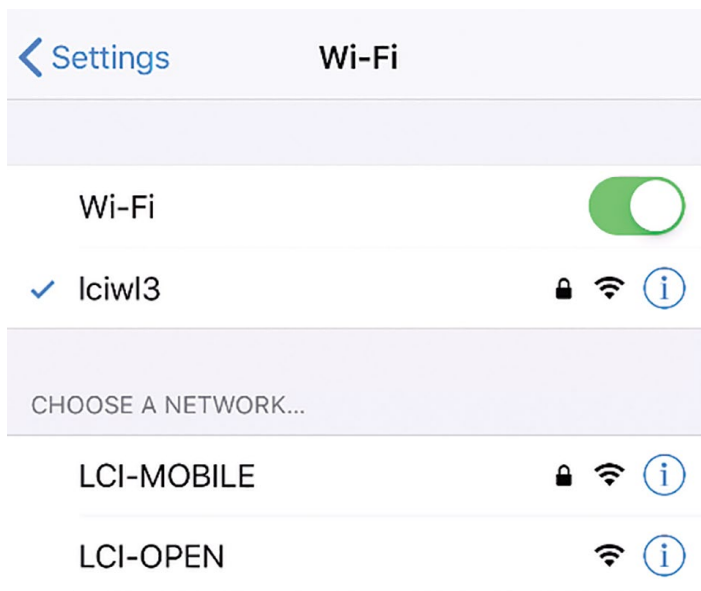


Fig.16

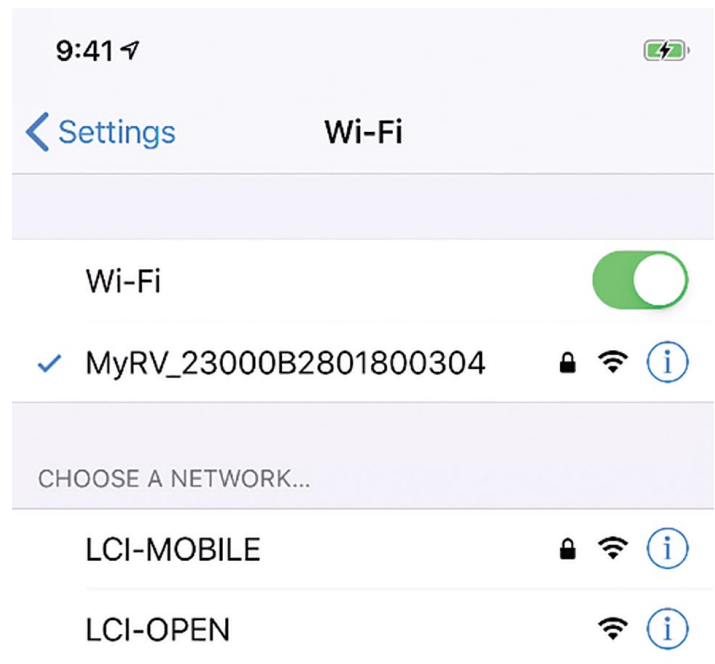


Fig.17

3. Enter the **PASSWORD** (**Fig.2**) located on the ConnectAnywhere Cellular Gateway label.

NOTE: Passwords are case sensitive and do not contain numerals. Use care when typing the **PASSWORD** (**Fig.18**).

4. Click on the Join button (**Fig.18A**).

A. If Join is inactive, then the wrong **PASSWORD** was entered.



B. Repeat steps 3 and 4.

Enter the password for "MyRV_23000B2801800304"

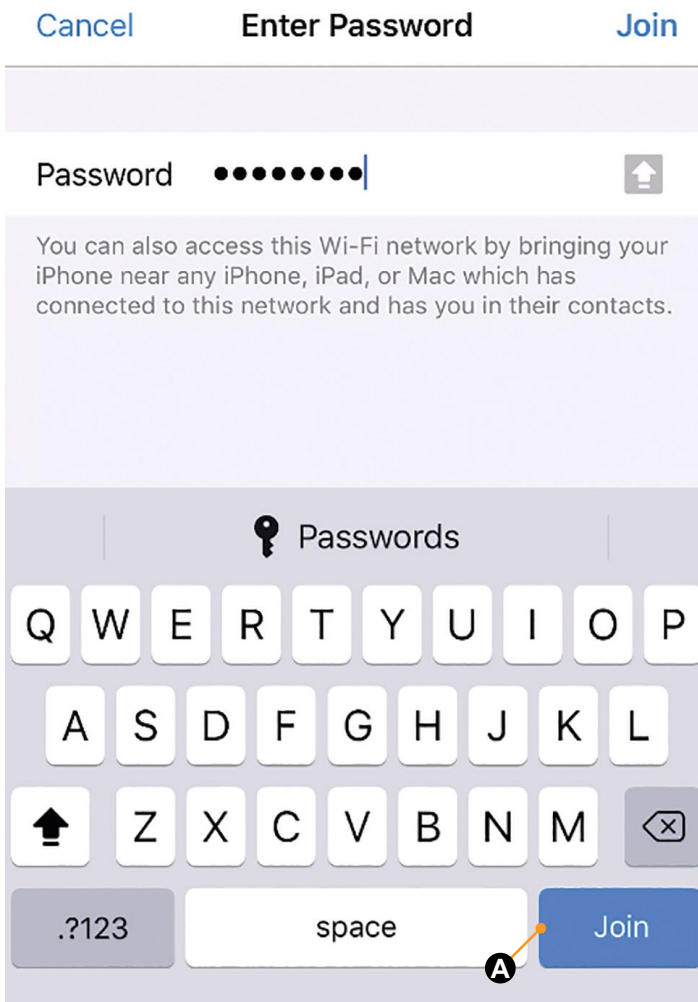


Fig.18

5. When joined with the network, a check mark ✓ will appear next to the network name and the connectivity symbol  will appear in the mobile device's display (Fig.19).

6. Verify connectivity by opening a web browser on the mobile device and navigate to www.lci1.com/onecontrol.

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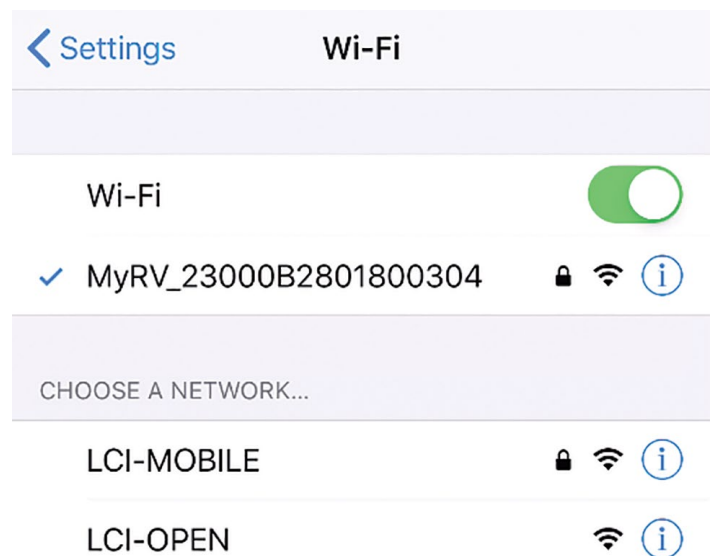


Fig.19

7. If the web page displays (Fig.20), then the mobile device is connected. If the web page does not display, repeat steps 1-6.

SIMPLIFY THE JOURNEY



Leave old switch-based analog technology in the dust with the ONEControl® mobile app or the hard-wired digital touch panel. This technology lets users remotely control and monitor many RV systems from a

Fig.20

New users must register and create an account in the portal before accessing ConnectAnywhere features. Go to Create User Account in LCI Customer Community section.

If already an account holder, go to Activate the Product Through the LCI Customer Community section.



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NOTE: The **Claim Code** serial number is used during product activation when using a web browser running on a PC. The **Claim Code** is automatically read when using the app to register. Have the **Claim Code** readily available before starting the activation process.

Create User Account in LCI Customer Community (new users only)

This section is intended for new users of the ConnectAnywhere system.

This process requires access to the Internet and a standard Internet web browser.

NOTE: Terms and images used are from a web browser running on a PC.

1. Use a web browser to connect the LCI Customer Community registration page (Fig.21) at https://lippert.force.com/loTCommunity/CMT_ConnectAnyWhereRegistration_PAGE?product=ConnectAnywhere.

Fig.21

2. Fill in the registration fields as required.

NOTE: The password **MUST** contain at least eight characters and have a mix of letters, numbers and at least one of these special characters: ! # \$ % - _ = + < >

3. Click the yellow Register button (Fig.21A) to create the account in the community.

4. After clicking the Register button, a screen will display (Fig.22) indicating that a verification email has been sent to the provided email address.

Fig.22

5. Check the provided email account for the verification message (Fig.23) from Lippert Components, Inc.

6. Click the "here" hyperlink (Fig.23A) in the email. This will complete the verification process and display a verification login screen (Fig.24).

Fig.23



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7. Click the login button (Fig.24A) to be redirected to the LCI Customer Community login screen (Fig.25).

Successfully verified! You may now
access your account.

login

Fig.24

8. Enter the user credentials created earlier (step 2), then click the login button (Fig.25A).

Login

email

password

login

Fig.25

9. After successful login, the LCI Customer Community landing page will display (Fig.26).



Fig.26

The LCI Customer Community account setup process is now complete.

Activate the Product Through the LCI Customer Community

NOTE: The product activation step is intended for the unit owner. Activation of the product implies ownership of the unit and the ConnectAnywhere system. The ConnectAnywhere system can only be accessed by the user who activates the system.

This process requires access to the Internet and a standard Internet web browser.

NOTE: Terms and images used are from a web browser running on a PC.

1. Log in to the LCI Customer Community.

A. Use a web browser to navigate to the login portal at <https://lippert.force.com/loTCommunity/CommunityPageLogin?product=ConnectAnywhere>.

B. Enter LCI Customer Community user credentials (Fig.27), then click the login button (Fig.27A).

C. Upon successful login, the program will be redirected to the LCI Customer Community portal.

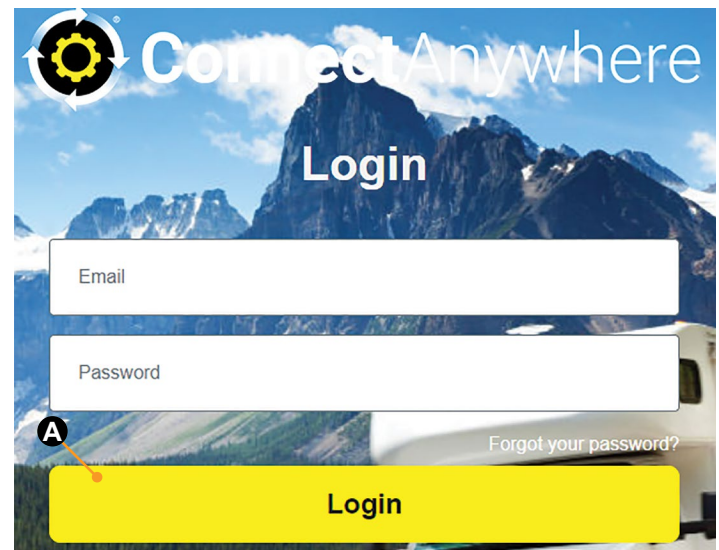


Fig.27



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2. From within the LCI Customer Community portal (Fig.28), navigate to the "One Control" tab (Fig.28A) then click on the link.

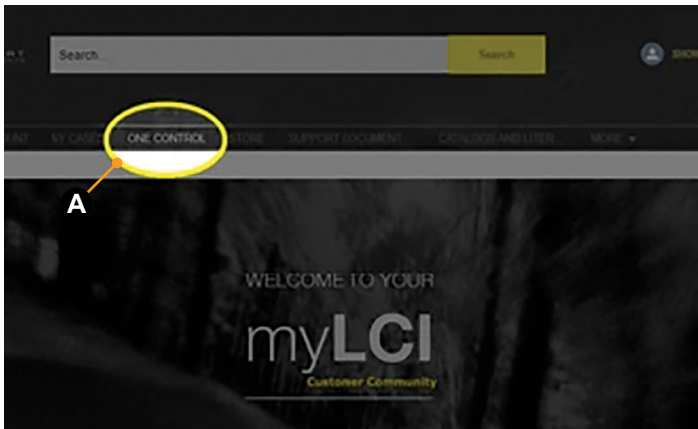


Fig.28

3. The main OneControl ConnectAnywhere dashboard (Fig.29) will display.

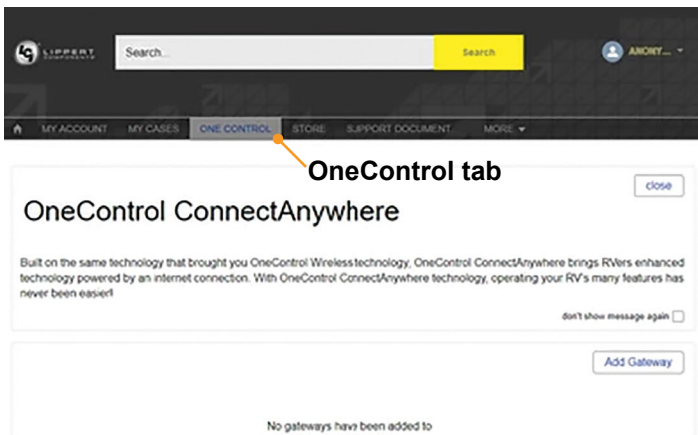


Fig.29

4. Scroll down to the "Add Gateway" section (Fig.30).

5. Click on Add Gateway button (Fig.30A).

6. Prompts to add gateway information (Fig.35) will appear.

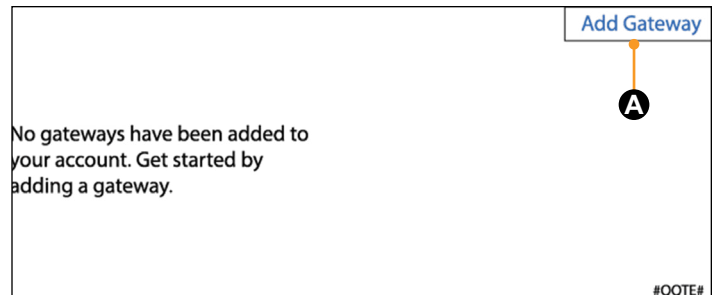


Fig.30

7. Enter the **Claim Code** (Fig.31A) found on the LCI cellular gateway assembly label (Fig.2), then give the system a friendly name (Fig.31B).

8. Click the Add Gateway button (Fig.31C) to activate the selected product and associate it with the established LCI Customer Community account.

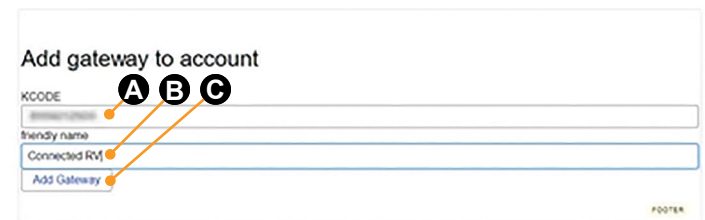


Fig.31

9. After successful activation, the program will bring back the main dashboard. A panel will appear with information about the named gateway.

NOTE: Notice the page (Fig.32) adds: "Your gateway is now accessible via the OneControl Mobile App" (Fig.32A). This confirms the product has been activated and is part of the OneControl Cloud.

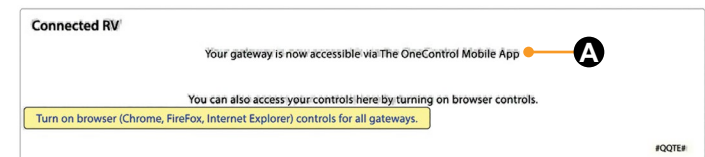


Fig.32

The OneControl Cloud Gateway has now been activated and associated with the LCI Customer Community.



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Enable Web Page Controls

The system can be controlled remotely over the Internet from a standard web browser.

NOTE: Terms and images used are from a web browser running on a PC.

Enable the unit's web page controls as follows:

1. Login to the LCI Customer Community and click on the OneControl tab in the navigation bar (Fig.28A).
2. The ConnectAnywhere landing page (Fig.33) will display.
3. Click the "Turn on browser controls for all gateways" button (Fig.33A).

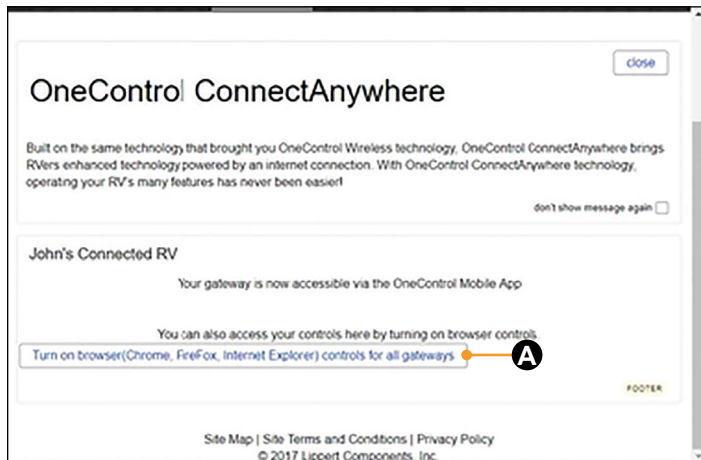


Fig.33

4. A pop-up window (Fig.34) will appear asking for permission to access the OneControl Cloud on the ConnectAnywhere system.

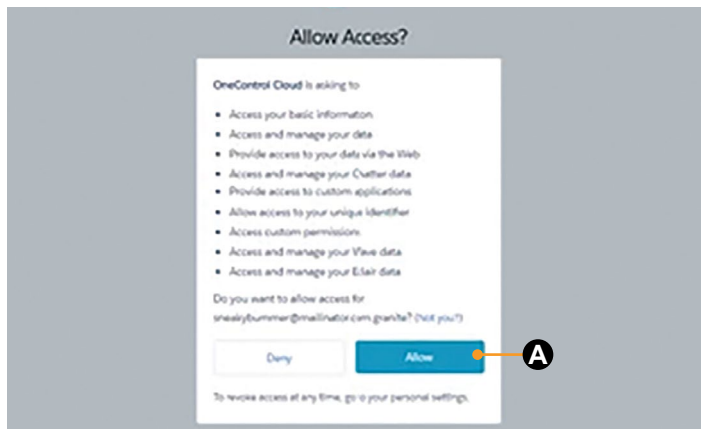


Fig.34

NOTE: If the "access" pop-up window does not appear, the browser may be set to block pop-up windows. Check the browser's settings and enable pop-ups for this web site.

5. Click the Allow button (Fig.34A) to grant permission to the OneControl Cloud and continue.

6. After access is granted, the system will activate and return to the ConnectAnywhere landing page (Fig.35).

7. Click the "Finish Web Control Setup" button (Fig.35A) to continue.

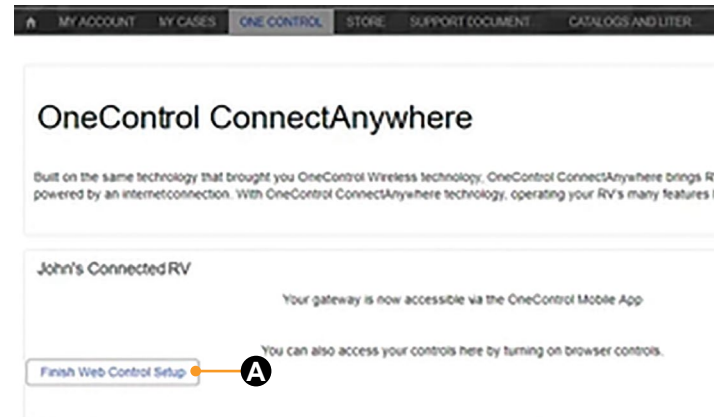


Fig.35

8. If the unit is on-line, and has connection to the unit, the display will automatically show the unit's control dashboard (Fig.36A) at the bottom of the page.

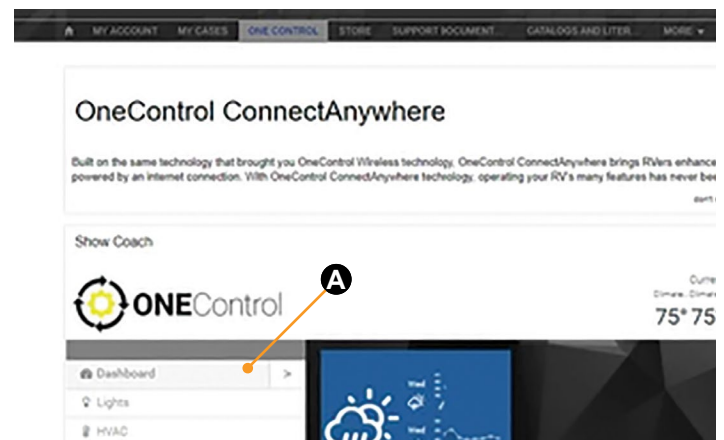


Fig.36



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9. If the unit is off-line or cannot reach the Internet, the "GATEWAY OFFLINE" web page (Fig.37) will display.

NOTE: Make sure the unit is powered-up and that the unit's Internet connection is working properly. See the Troubleshooting section for more information.

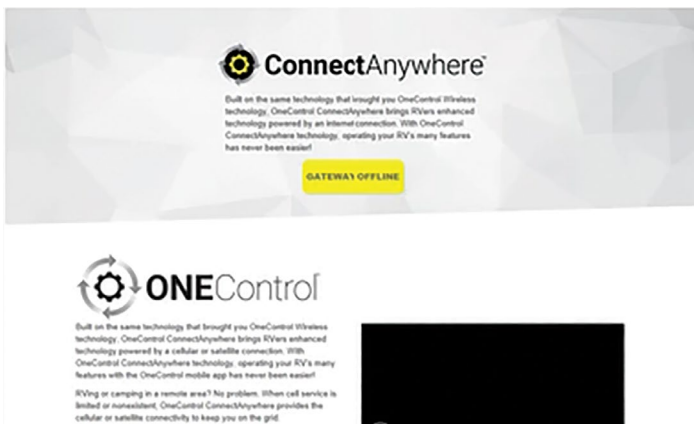


Fig.37

10. Scroll down to bring the dashboard into view (Fig.38). Become familiar with the controls (Fig.38A).

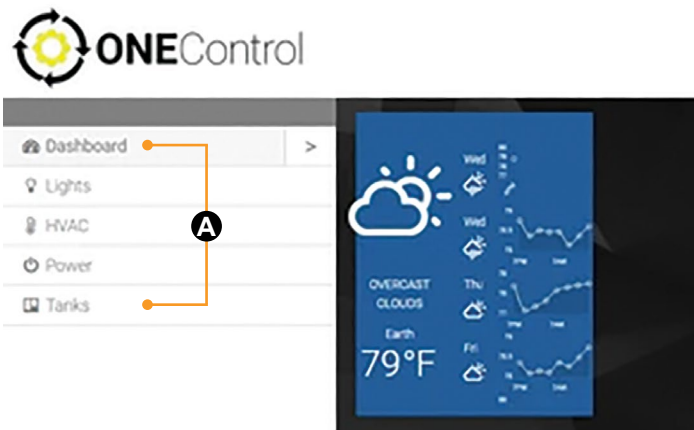


Fig.38

The web page controls have now been enabled. The unit can now be remotely controlled via the world-wide-web.

OneControl Mobile App

ConnectAnywhere systems can be accessed remotely from a mobile smart device using the OneControl mobile app.

NOTE: Terms and images used are from an iOS device—Android device terms and images may differ slightly.

1. Using the same device the OneControl app was downloaded onto, locate the LCI OneControl application's icon (Fig.39A) and launch the app.

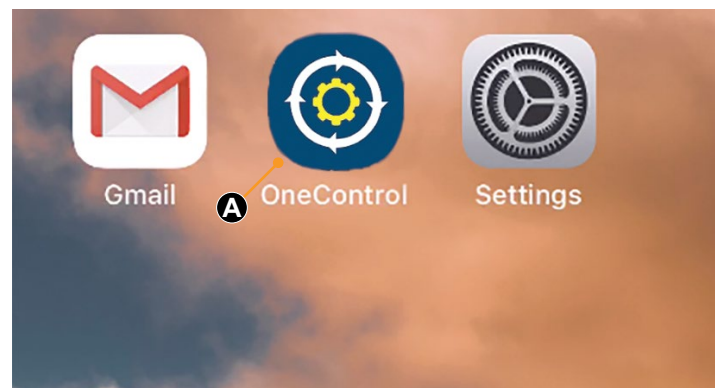


Fig.39

2. The application is loaded and can now be setup.

3. Make sure to activate ConnectAnywhere features in the OneControl mobile app. See Activate OneControl Mobile App ConnectAnywhere Remote Control Features section for instructions.

Activate OneControl Mobile App

ConnectAnywhere Remote Control Features

Before the OneControl mobile app can access the unit, LCI Customer Community credentials must be entered.

1. Make sure the mobile app is launched and connected to the unit via a local Wi-Fi connection.

NOTE: This step must be completed before attempting to access ConnectAnywhere features.

NOTE: Terms and images used are from a mobile smart device.

2. Locally, over Wi-Fi, run through the normal setup process to connect the app to the unit.



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3. Follow screen prompts and provide all required information.

A. Tap the I Accept >> button (Fig.40A) to accept the License Agreement.

Fig.40

A

B. Tap the Login task (Fig.41A) then the Login >> button (Fig.41B) to begin the log-in sequence.

Fig.41

B



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C. Tap Continue (Fig.42A) on the “share information” screen then tap the Login >> button (Fig.42B).

D. The app will contact force.com (Fig.43A).

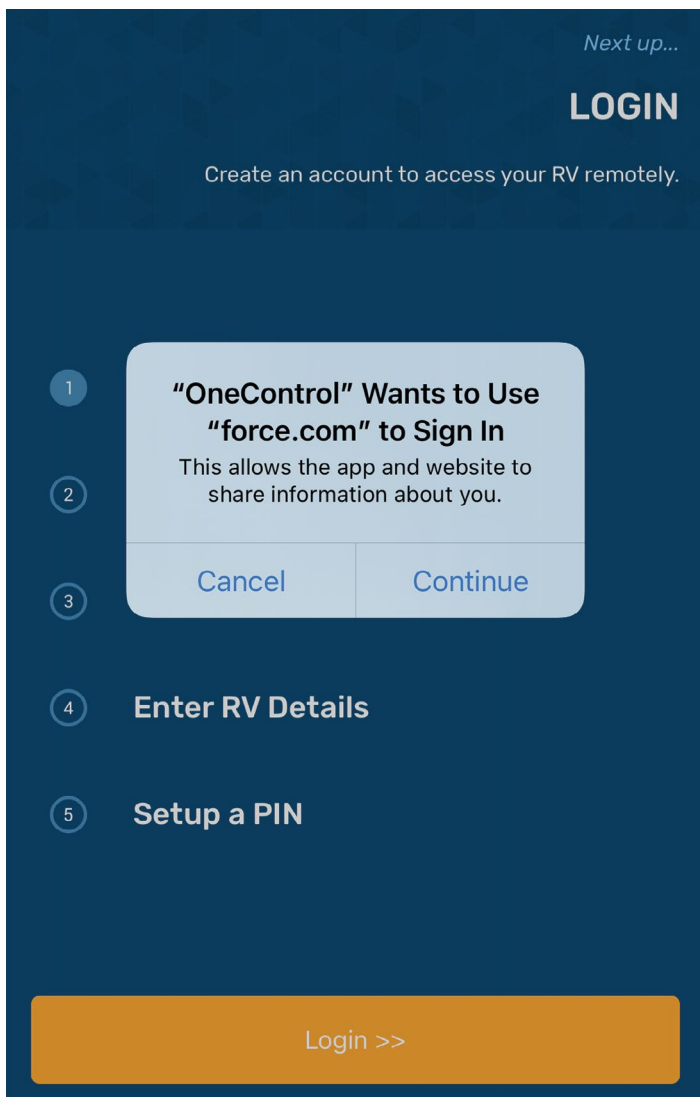


Fig.42

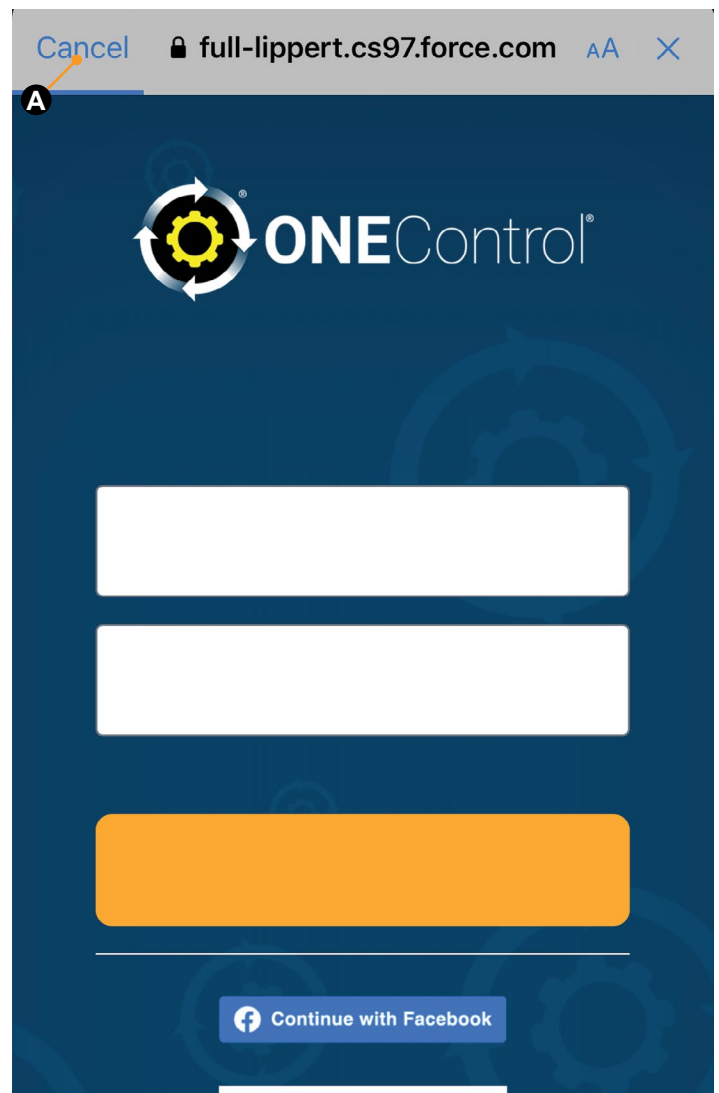


Fig.43



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E. Enter same login credentials (**Fig.44A**) created earlier — email address and password—then tap the Login button (**Fig.44B**) to continue.

F. Login task is checked off as complete (**Fig.45A**). Connect to RV task is now ready. Tap the Let's Go! >> button (**Fig.45B**) to begin the connection sequence.

Fig.44

Fig.45



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G. Tap the Scan with Camera button (Fig.46A).

H. Tap the Grant Location Permissions button (Fig.47A).

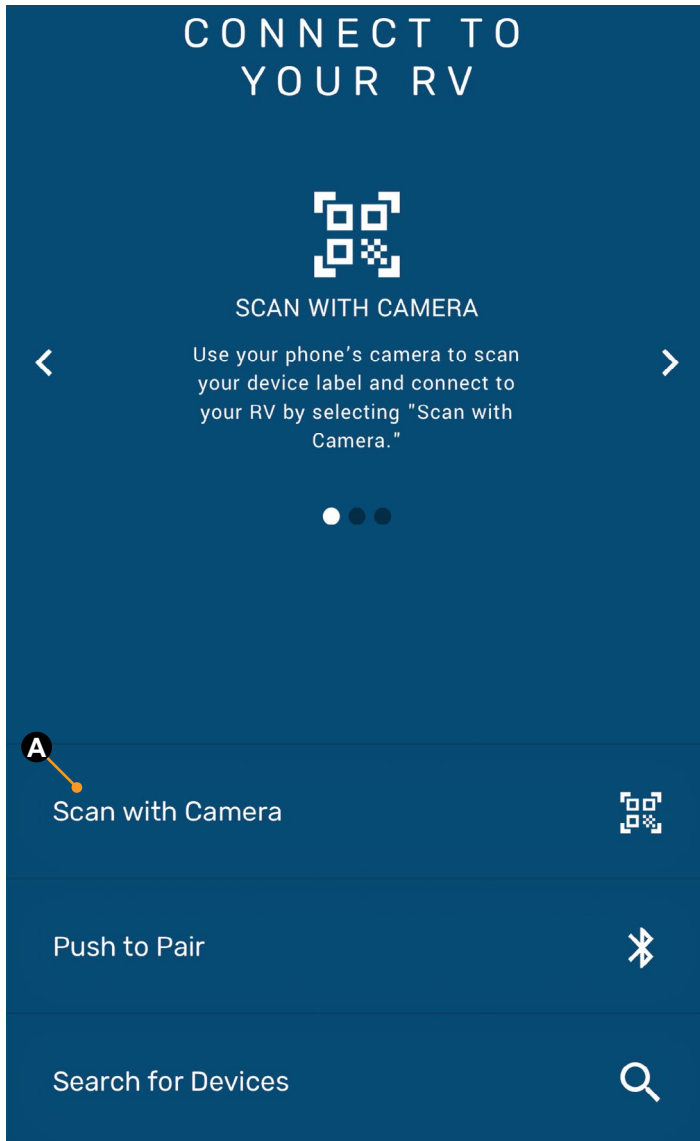


Fig.46

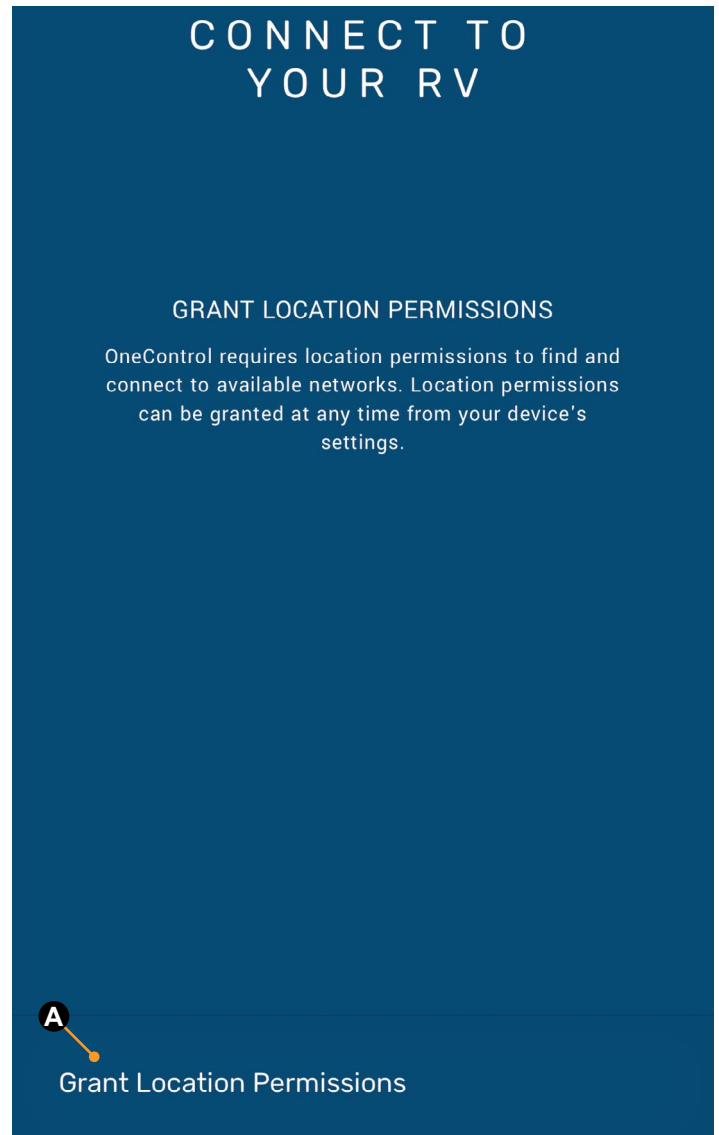


Fig.47



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I. Tap the Grant Camera Permissions button (Fig.48A).

J. Scan the Gateway Label. If necessary, tap the Help >> button (Fig.49A) for additional information.

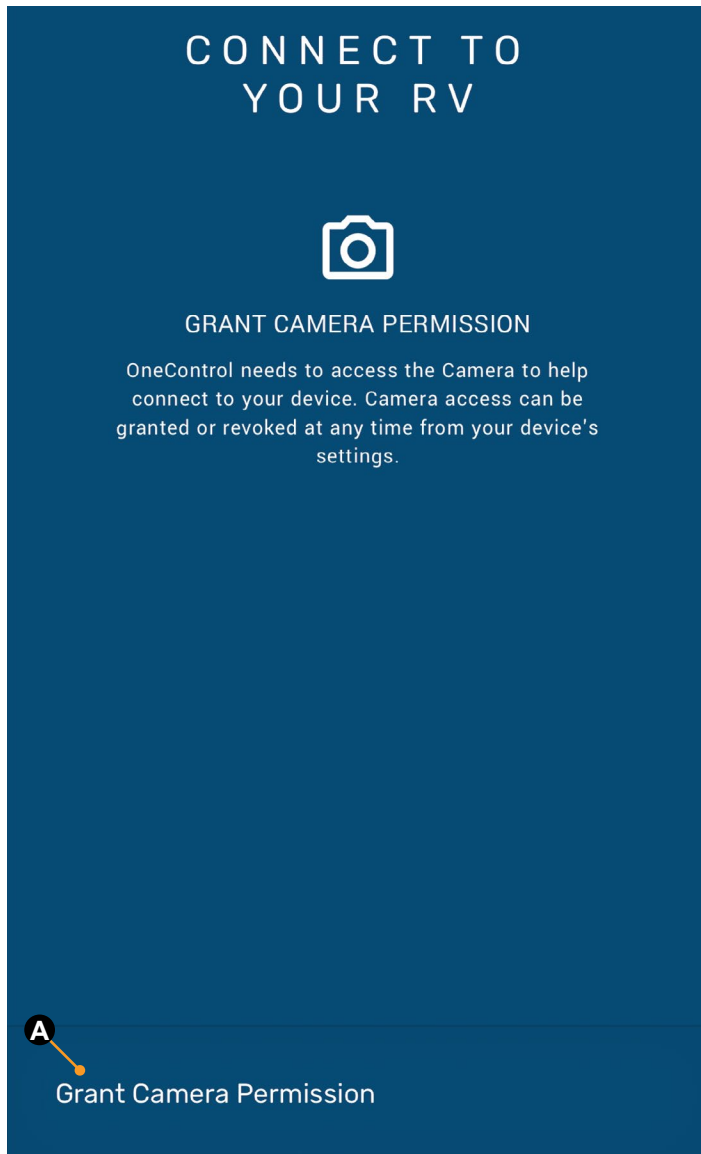


Fig.48



Fig.49



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K. The scanned Gateway Label information will populate the required ID and Password fields (Fig.50A). Tap the Connect >> button (Fig.50B) to continue.

L. Tap the Join button (Fig.51A) to connect the OneControl Mobile app to the RV's Wi-Fi network.

CONNECT TO RV

The ID and password are on a sticker attached to the gateway in your RV.

ID

MyRV_0000000000000000C

Password

.....

B Connect >>

Help >>

Fig.50

CONNECT TO YOUR RV

CONNECTING

OneControl is connecting to

"OneControl" Wants to Join Wi-Fi Network "

MyRV_0000000000000000C"

?

Cancel Join

A

Fig.51



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M. Tap the OK button (Fig.52A) to allow the app to discover network devices then tap the Continue >> button (Fig.52B).

N. The RV is now connected to the app. Tap the Continue >> button (Fig.53A) to begin the next task.

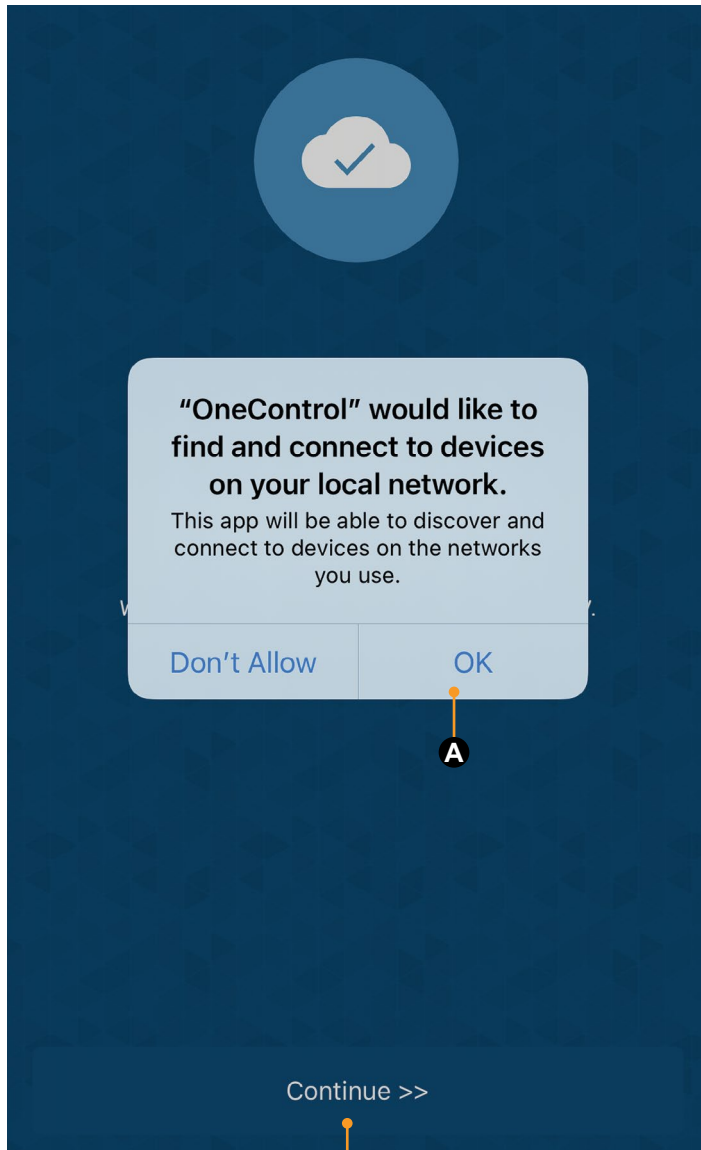


Fig.52

B

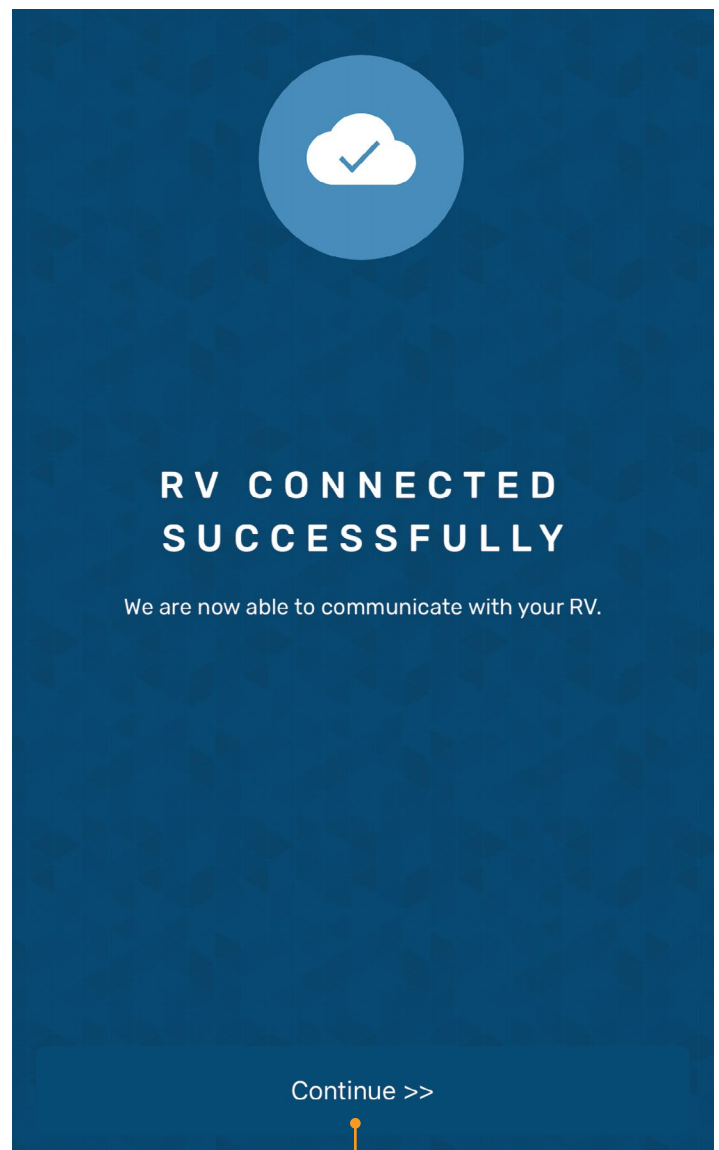


Fig.53

A



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O. Connect to RV task is checked off as complete (Fig.54A). Setup Remote Access task is now ready. Tap the Let's Go! >> button (Fig.54B) to begin setting up OneControl Cloud remote access.

P. Tap the Setup Remote Access >> button (Fig.55A) to allow OneControl remote access.

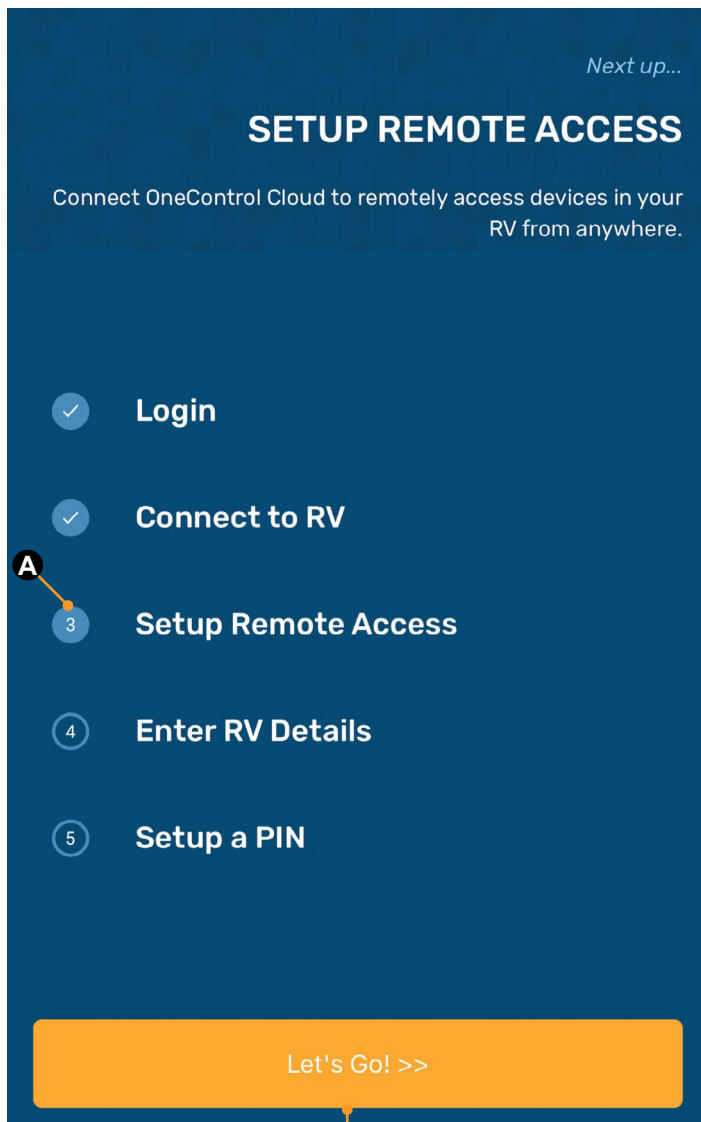


Fig.54

B

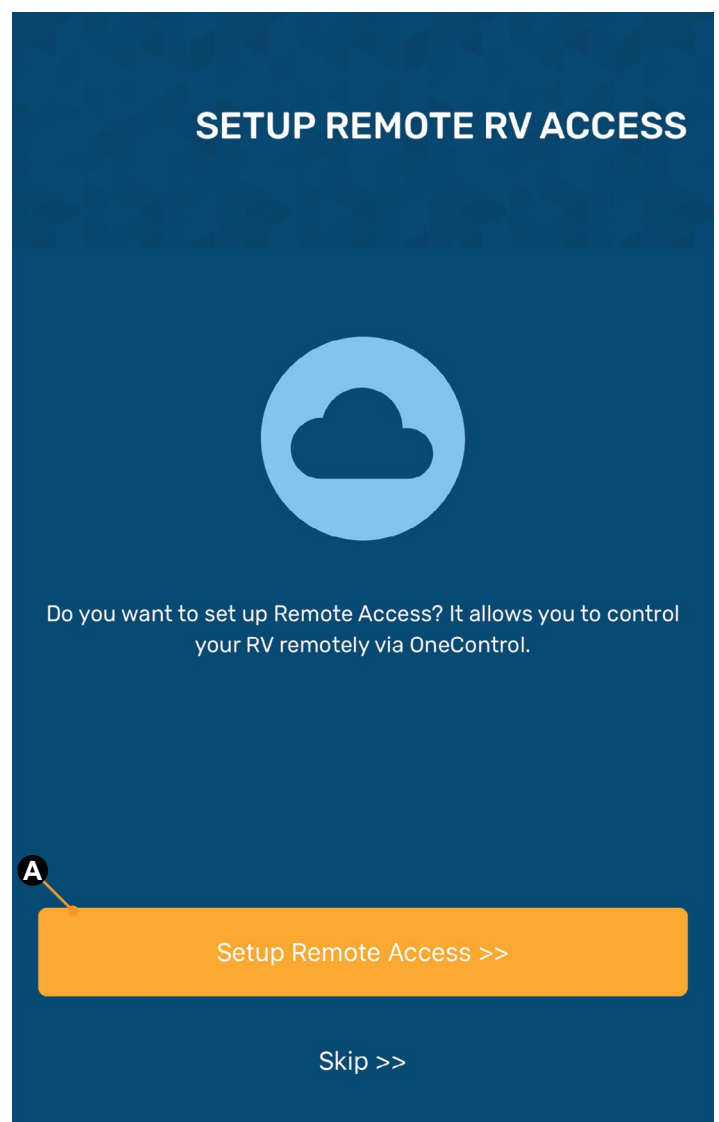


Fig.55



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Q. Many RV devices are now remote accessible. Tap the Continue >> button (**Fig.56A**) to begin the next task.

R. Setup Remote Access task is checked off as complete (**Fig.57A**). Enter RV Details task is now ready. Tap the Let's Go! >> button (**Fig.57B**) to begin entering the RV's details.

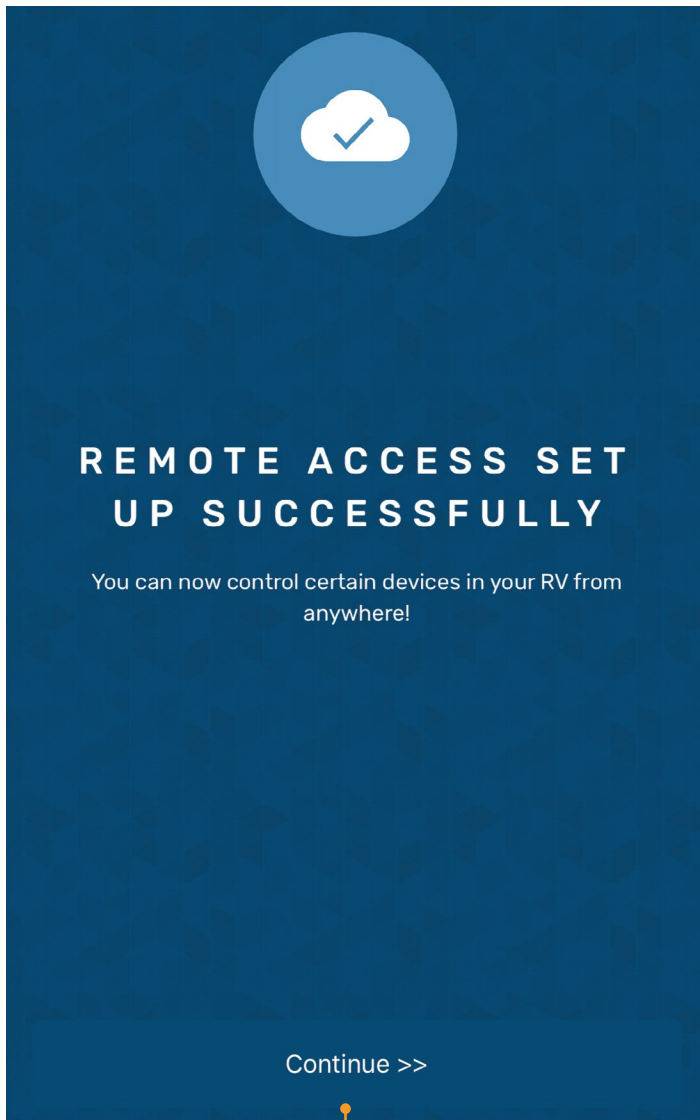


Fig.56

A

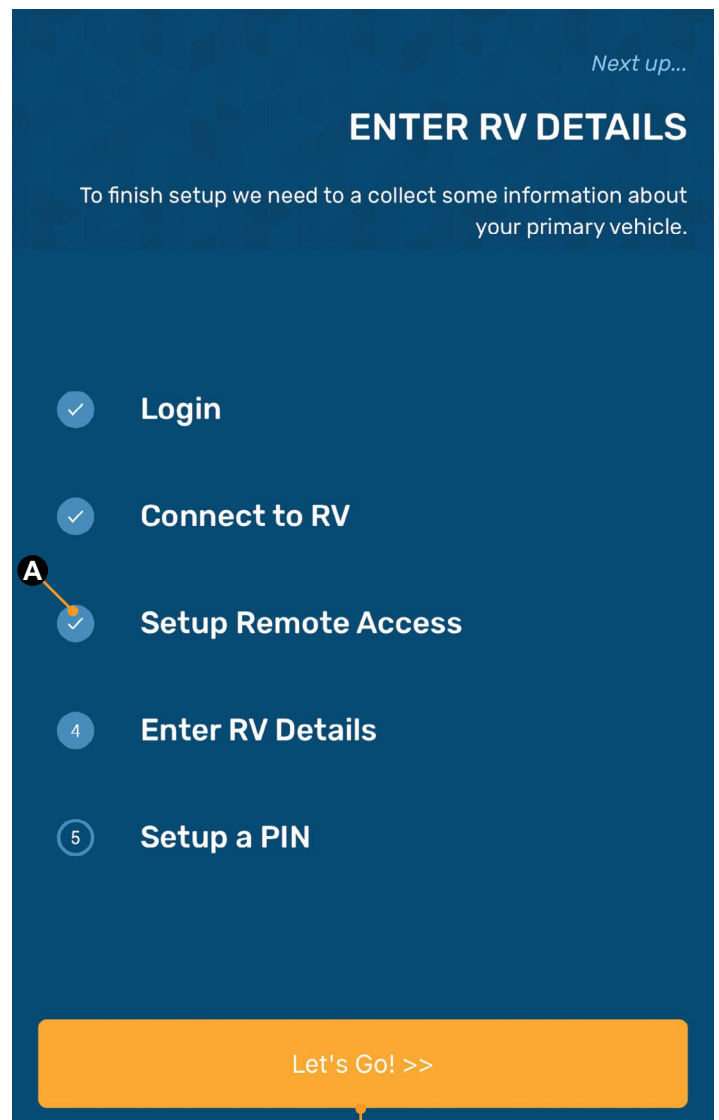


Fig.57

B



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S. Follow screen prompts for figures 58-62 to provide the required RV detail information.

SELECT YEAR

Scroll to select the year your RV was made.

☐	2019
☐	2018
☒	2017
☐	2016
☐	2015

Continue >>

Fig.58

SELECT MAKE

Scroll to select the make of your RV.

☐	All Rv Manufacturing
☐	Allen Camper Mfg Co
☒	Allied Recreation Group Inc
☐	Aluminum Trailer Company
☐	American Coach

Continue >>

Fig.59



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SELECT MODEL

Scroll to select the model of your RV.

☐

American Eagle

☐

American Tradition

☐

Flair

☐

Storm

☒

Vacationer

Continue >>

Fig.60

SELECT FLOOR PLAN

Scroll to select the floor plan of your RV.

☒

Other

Continue >>

Fig.61



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T. The RV is now well-defined and identified. Tap the Continue >> button (Fig.63A) to begin the next task.

CONFIRM RV DETAILS

Confirm that the RV details are correct.

Year 2017	>
Make Allied Recreation Group Inc	>
Model Vacationer	>
Floor Plan Other	>

Confirm >>

Fig.62

**RV DETAILS SET
SUCCESSFULLY!**

Your RV details have been saved.

Continue >>

Fig.63





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U. Enter RV Details task is checked off as complete (Fig.64A). Setup a Pin task is now ready. Tap the Let's Go! >> button (Fig.64B) to begin setting up secure access.

V. Enter a 4-digit PIN (Fig.65A) to secure OneControl app access.

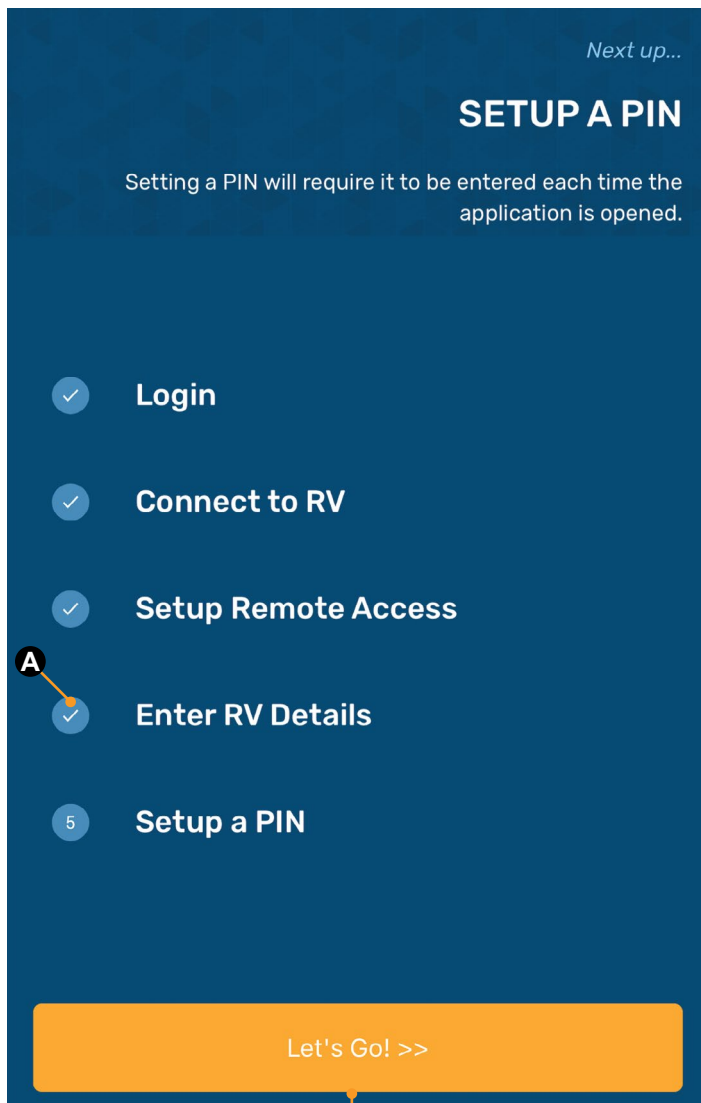


Fig.64

A

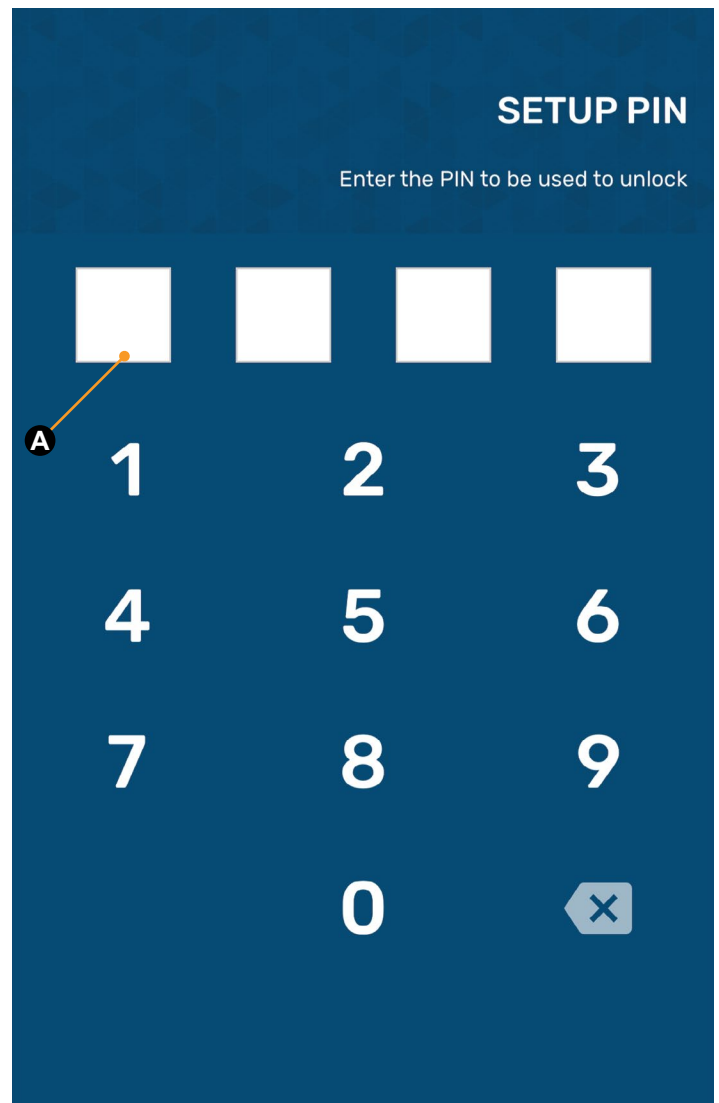


Fig.65



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W. Setup a PIN task is complete. The OneControl app setup process has been completed. Tap the Continue to App >> button (Fig.66A) to be launch the app's **HOME** screen (Fig.67).

Installation Complete

If all of the previous setup and activation sections have been successfully completed, the full set of ConnectAnywhere features equipped on the unit are now remote-control-ready.

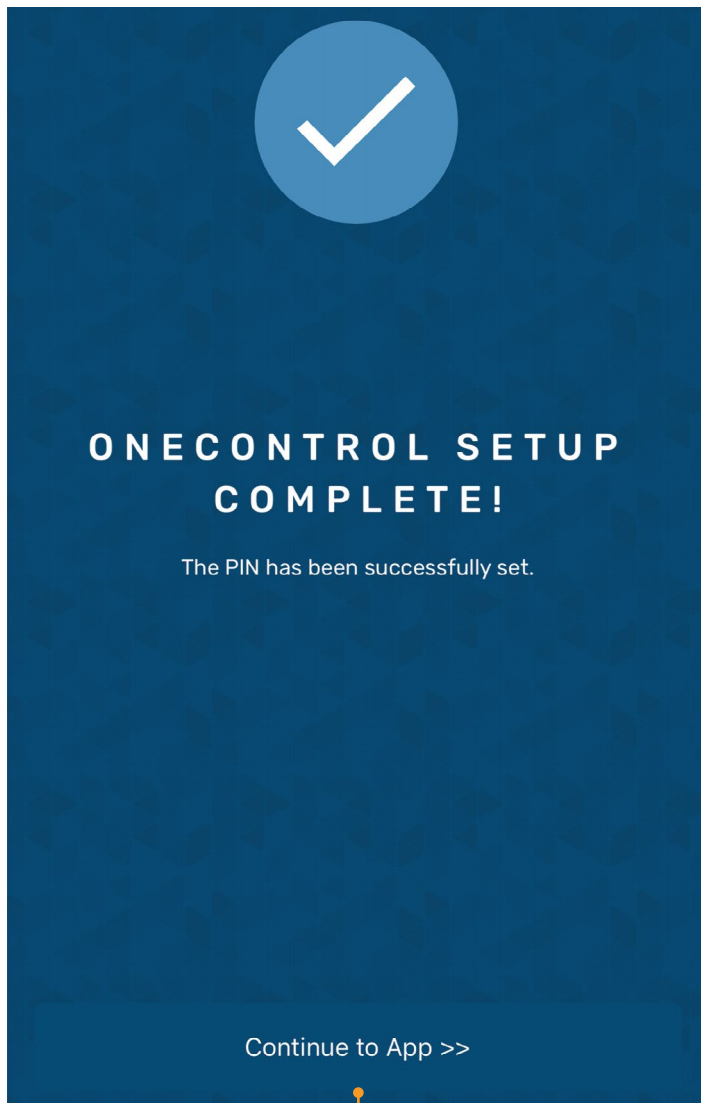


Fig.66

A

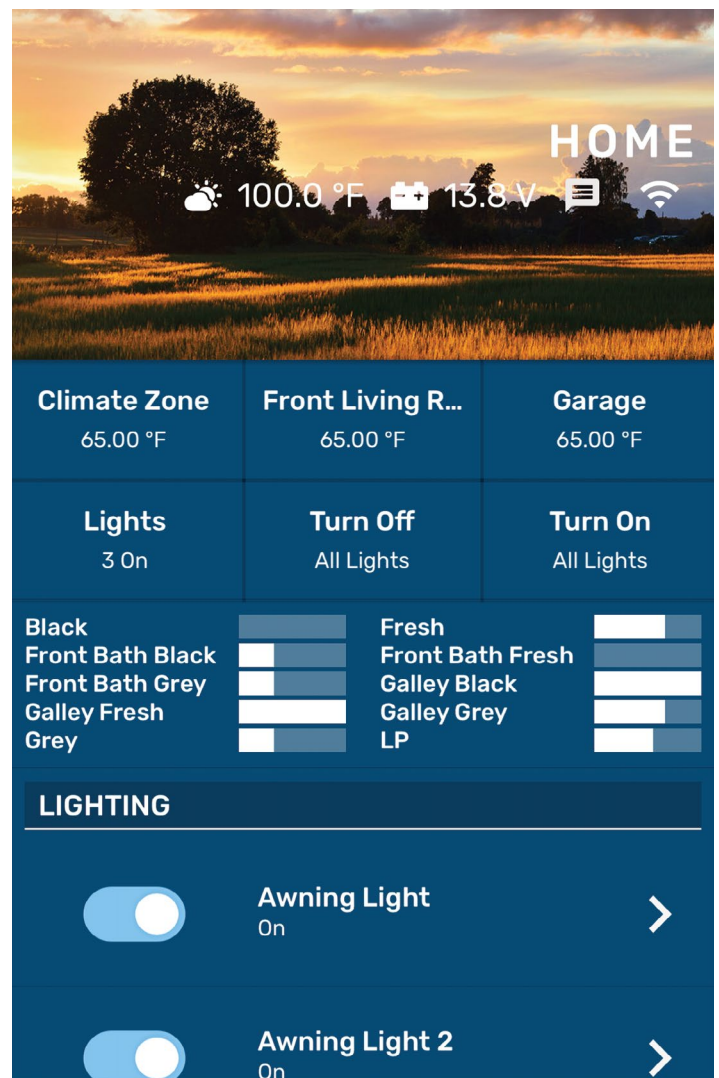


Fig.67



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Operation

Using the World-Wide-Web Interface

The ConnectAnywhere system can be controlled remotely over the Internet from a standard browser. System control is managed through the LCI Customer Community portal.

NOTE: Terms and images used are from a web browser running on a PC.

Enable webpage control as follows:

1. Login to the LCI Customer Community web portal (Fig.68) using a standard web browser.
2. Navigate to the OneControl tab (Fig.68A) in the navigation bar.

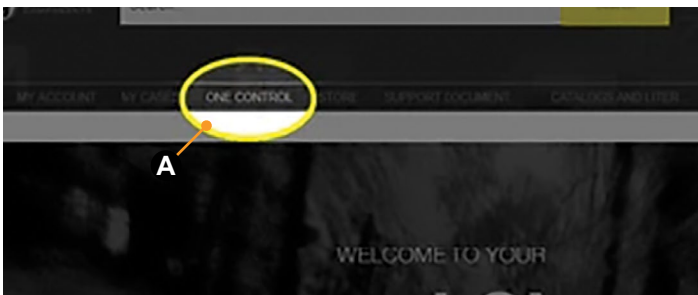


Fig.68

3. The ConnectAnywhere landing page (Fig.69) will display.
4. Click the "Turn on browser controls for all gateways" button (Fig.69A).

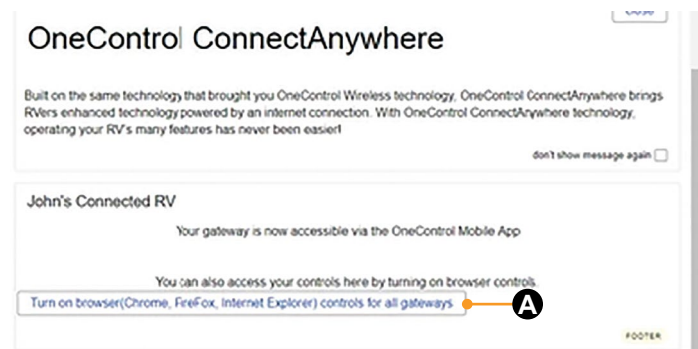


Fig.69

5. A pop-up window (Fig.70) asking for permission for the OneControl Cloud to access your ConnectAnywhere system will appear.

NOTE: Make sure the browser's Pop-Up Blocker is turned off.

6. Click on the Allow button (Fig.70A).

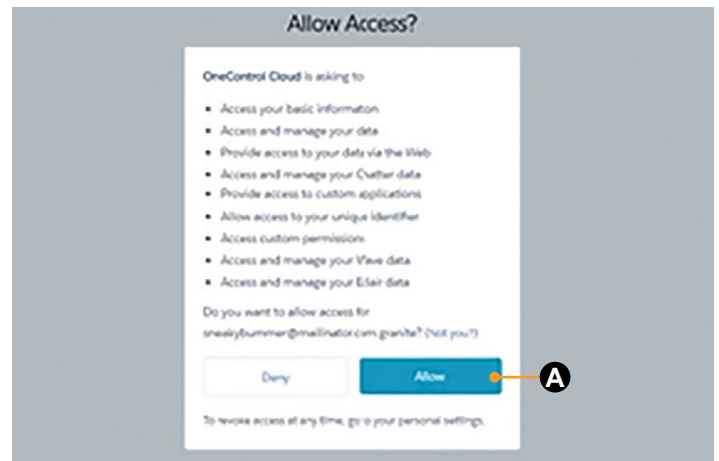


Fig.70

7. After access has been granted, the system will activate and redirect to the ConnectAnywhere landing page. Click on the "Finish Web Control Setup" button (Fig.71A) to continue.

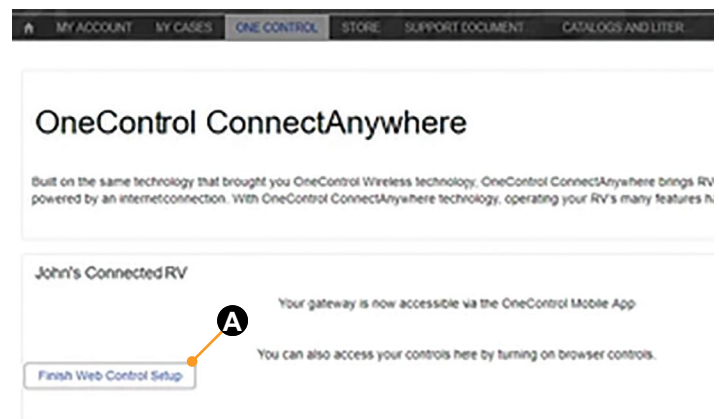


Fig.71



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8. If the system is on-line, and has a connection to the unit, the app will automatically display the unit's control dashboard (Fig.72A) at the bottom of the page.

NOTE: If the ConnectAnywhere landing page does not appear, make sure the unit is powered up and the Internet connection is active.

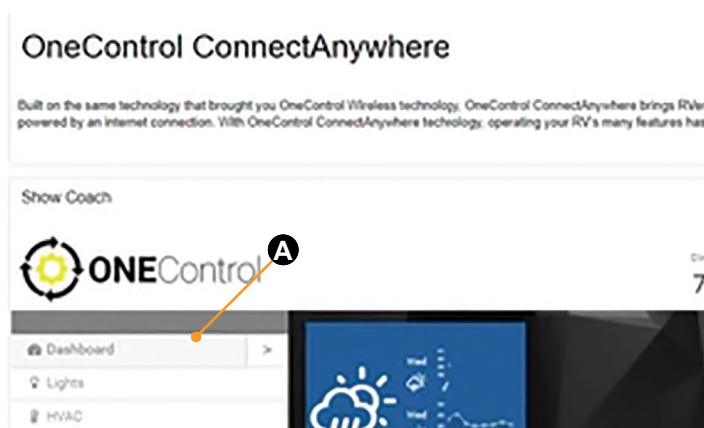


Fig.72

9. Scroll down to bring the dashboard (Fig.73) into view. ConnectAnywhere can now control the unit remotely via the web.

NOTE: The unit's control dashboard will present information, such as local weather at the unit's location (Fig.73A).

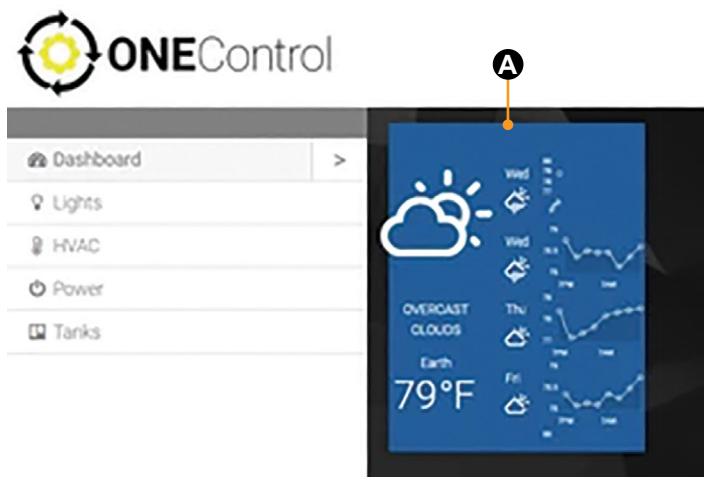


Fig.73

10. The left navigation menu lists all of the unit's feature groups; Lights, HVAC, Power, Tanks, etc. (Fig.74A).

NOTE: If the unit is equipped with a OneControl compatible heating/cooling system, the temperature of the unit is shown in the top right area above the dashboard (Fig.74B).

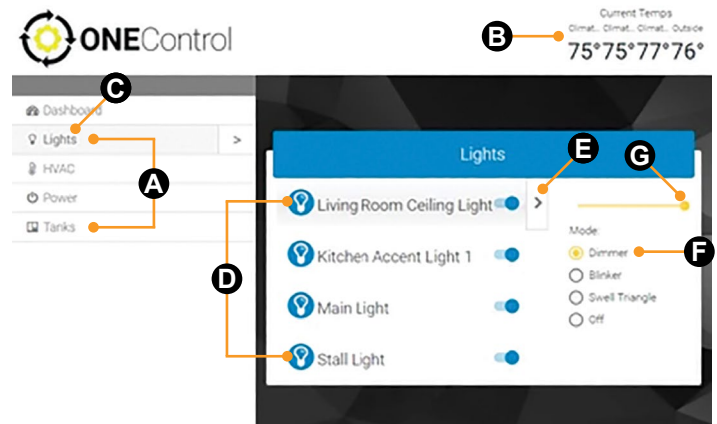


Fig.74

11. By clicking the Lights link (Fig.74C) in the navigation bar, all light controls in the unit will be shown (Fig.74D).

A. Selecting one of the lights opens up its advanced properties.

B. In the example shown in figure 74, the Living Room Ceiling Light is selected (Fig.74E). Within its properties listed is its capability to be dimmed (Fig.74F). The light's dimming feature is controlled through the slider control (Fig.74G).

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12. By clicking on the HVAC link in the left navigation bar (Fig.75A), all controllable climate zones in the unit will be listed (Fig.75B).

A. Select one of the climate zones to open up its advanced properties (Fig.75C).

B. Heating or cooling mode may be selected, as well as high/low regulated temperature settings and fan control (Fig.75D).

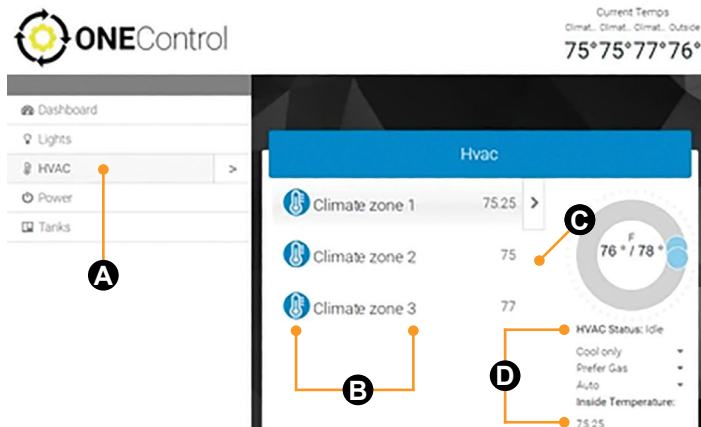


Fig.75

13. By clicking on the Power link in the left navigation bar (Fig.76A), all controllable generators and heaters in the unit will be listed (Fig.76B).

A. Select an item to control (Fig.76C).

B. The item's status and settings will display on the right side of the window (Fig.76D).

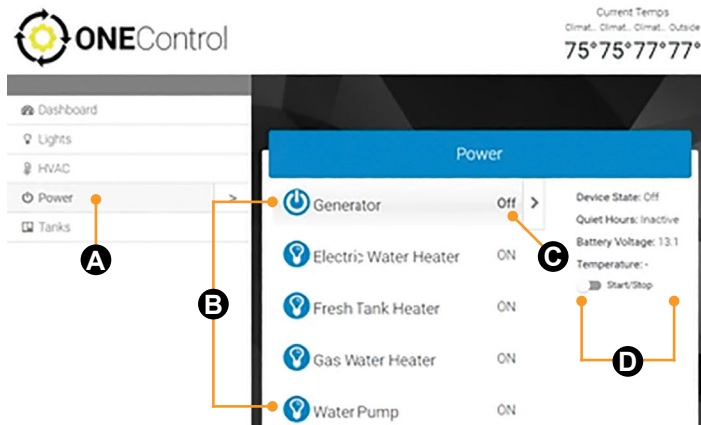


Fig.76

14. By clicking on the Tanks link in the left navigation bar (Fig.77A), all controllable water/fuel tanks in the unit will be listed (Fig.77B).

NOTE: The tank fill levels are shown next to its respective tank within the list. Also, tanks are not controllable. Therefore, no controls will be shown when a tank is selected.

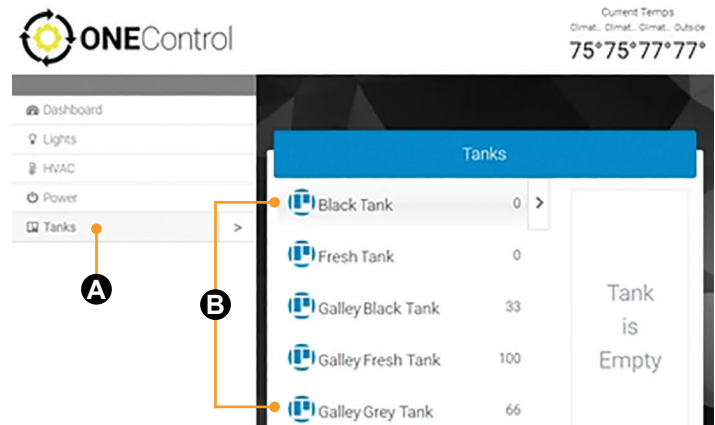


Fig.77

Troubleshooting

OneControl Cloud Gateway

Most concerns with the OneControl Cloud Gateway can be diagnosed by checking the indicator lights located on the top of the assembly (Fig.78).

The color of each LED indicates the status of that feature.

LED color codes:

- GRN = green
- ORN = orange
- RED = red

Refer to the ConnectAnywhere System Troubleshooting Chart to discern any required action for a given concern.

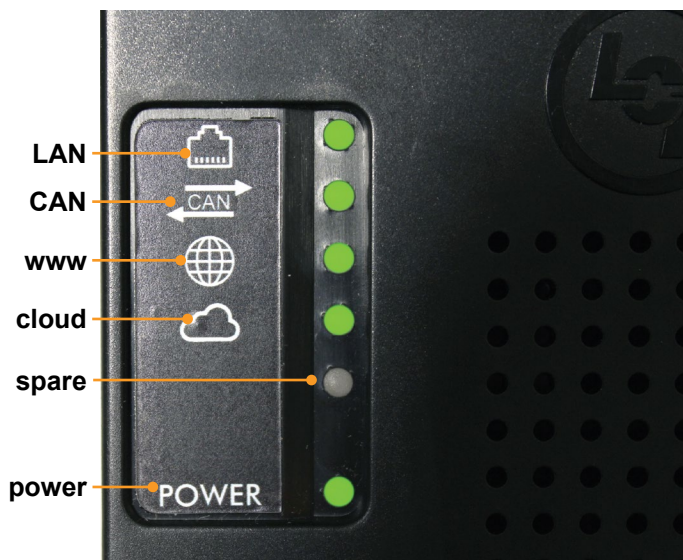


Fig.78

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ConnectAnywhere System Troubleshooting Chart

LED	Description	Expected Color	Why?	What Should Be Done?
POWER	System Power Status	 RED	Reserved.	No action required.
		 ORN	Reserved.	No action required.
		 GRN	OneControl Cloud Gateway is powered.	No problems.
		OFF	OneControl Cloud Gateway is not powered.	Check power connector for good electrical connection.
				Make sure the 12V DC power source is powering the OneControl Cloud Gateway. Check the system's fuse panel.
	Local Area Network (LAN) Status	 RED	OneControl Cloud Gateway cannot access the LAN via the Ethernet cable.	Check OneControl Cloud Gateway Ethernet cable for proper connection.
				Check Ethernet-to-router connection.
				Make sure router is powered and working properly.
		 ORN	OneControl Cloud Gateway cannot locate the CAN to Ethernet Gateway on the LAN.	Check CAN to Ethernet Gateway for proper LAN-to-router connection.
				Check CAN to Ethernet Gateway for good power connection.
				Make sure the CAN to Ethernet Gateway is powered by the 12V DC power source. Check the system's fuse panel.
		 GRN	LAN is working properly.	No problems.
		OFF	Reserved.	No action required.



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ConnectAnywhere System Troubleshooting Chart

LED	Description	Expected Color	Why?	What Should Be Done?
	CAN bus Status	 RED	CAN to Ethernet Gateway cannot be found on the LAN.	Check CAN to Ethernet Gateway for proper LAN-to-router connection. Check CAN to Ethernet Gateway for good power connection. Make sure the CAN to Ethernet Gateway is powered by the 12V DC power source. Check the system's fuse panel.
		 ORN	CAN to Ethernet Gateway is working, but no CAN bus traffic is being detected.	Check for bad CAN bus connection. Check CAN to Ethernet Gateway CAN bus connections for good connectivity. Make sure CAN to Ethernet Gateway is correctly daisy chained to CAN bus system. Make sure unit CAN bus system has termination resistors at both ends. Make sure the ConnectAnywhere system has been installed correctly and in accordance with installation instructions outlined herein. In rare instances, unit devices may be in a power-down state and not generating any CAN bus traffic—make sure unit mains are on.
		 GRN	CAN bus is working properly.	No problems.
		OFF	Reserved.	No action required.
	Internet Connection Status	 RED	No Internet connection is detected.	Check Internet hardware for proper operation. Plug a laptop computer into the LAN, then use a browser to verify Internet browsing capability. Check with cellular/satellite service provider to ensure data service is activated and working properly.
		 ORN	Internet connection detected, but the hardware cannot make a successful connection to the OneControl Cloud.	This is an uncommon error. This error may indicate a mis-configured router firewall, blocking traffic to/from the cloud. Check firewall settings. Check router settings to ensure proper operation. Plug a laptop computer into the LAN, then use a browser to verify Internet browsing capability.
		 GRN	Internet connection detected and working.	Connection to the OneControl Cloud is established. No problems.
		OFF	Unit is not powered.	Check power connector for voltage and good connection. Check the system's fuse panel.



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ConnectAnywhere System Troubleshooting Chart

LED	Description	Expected Color	Why?	What Should Be Done?
	OneControl Cloud Connection Status	 RED	Reserved.	No action required.
		 ORN	A remote user is actively accessing the unit through the cloud.	 CAUTION REMOTE USERS ARE ACTIVELY CONTROLLING DEVICES ON THE UNIT.
		 GRN	A remote user is actively accessing the unit through the cloud.	Remote users are in a browse-only mode and are not actively controlling any devices.
		OFF	No remote users are connected to the unit.	No problems.
		OFF	No remote users are connected to the unit.	No action required.
Spare	Unused Indicator Status	 RED	Reserved.	Reserved for future use—not applicable.
		 ORN	Reserved.	No action required.
		 GRN	Reserved.	No action required.
		OFF	Reserved.	No action required.



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Wiring Diagram

*The original OneControl Wi-Fi Gateway may have been configured with a terminating resistor and a CAN bus cable or two CAN bus cables (no terminator). Both CAN bus ports on the cellular gateway must be filled. Refer to Installation section and figures 3-7.

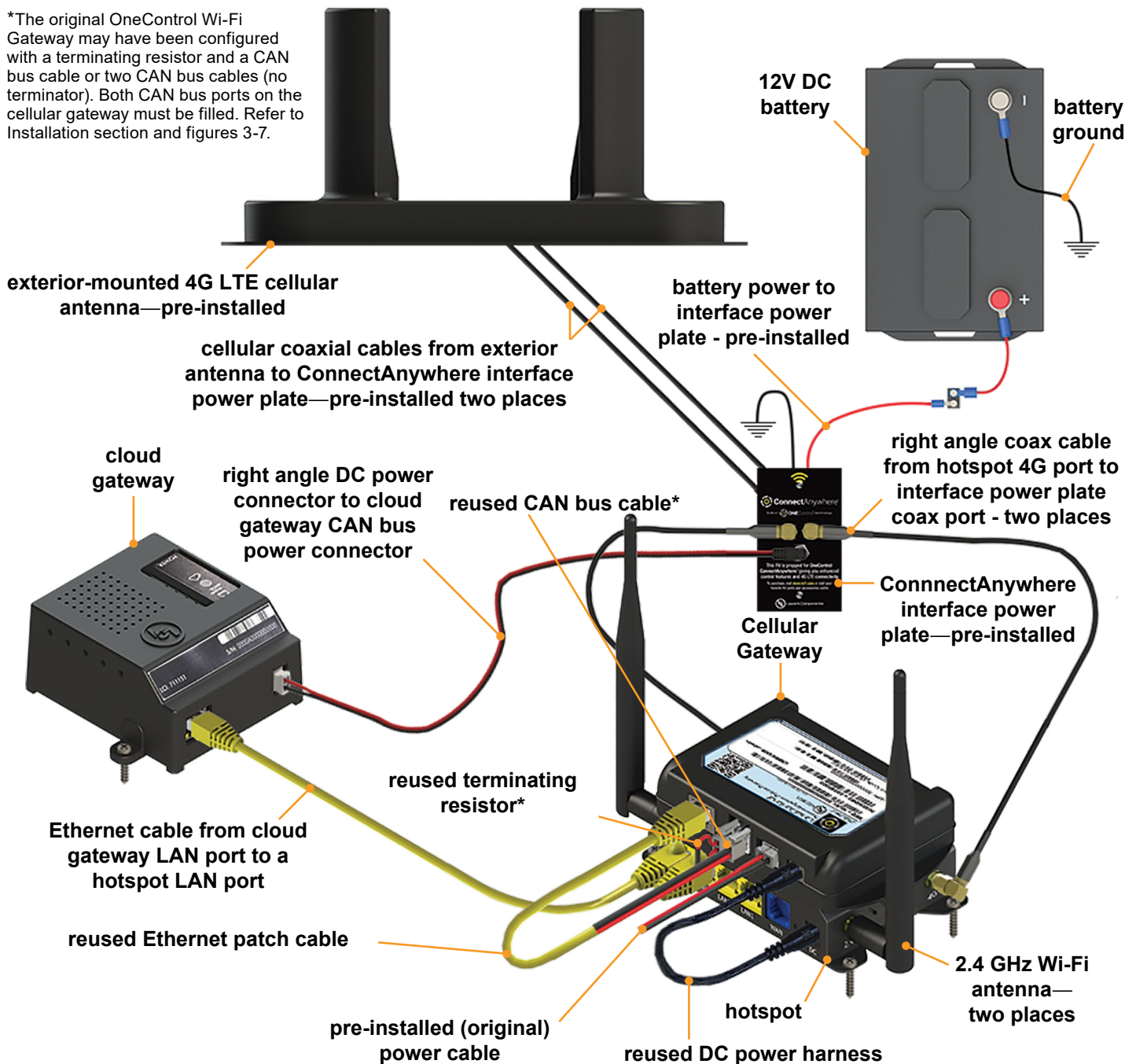


Fig.79



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Notes

[illegible]



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