LIPPERT COMPONENTS®

Hotspot™ OEM Prepped

Installation and Owner's Manual

(For Aftermarket Applications)

Table of Contents

Introduction 2
Safety Information 2
Parts List 3

Installation 3
External Cellular Antenna 3
Prepped Unit - Permanent Installation 4
System Activation and Configuration 5
System Requirements 5
Activation 5
Troubleshooting 9
LED Indicator Light Troubleshooting Chart 9
FCC Compliance 10
Notes 11

Hotspot™ OEM Prepped Kit	
Part #	**Description**
805592	**Hotspot™ OEM Prepped Kit**

LCI Data Package Required

Hotspot™ is certified with AT&T® cellular service using 3G bands II, IV, V and 4G LTE 2,4 & 12.

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Introduction

Hotspot™ was designed and engineered for the mobile lifestyle. The weatherproof, external cellular antenna array increases your signal range far beyond a simple "off-the-shelf" mobile hotspot. Hotspot utilizes Direct Link Technology specifically designed to go wherever you go. Direct Link Technology provides the fastest 4G LTE connectivity available, up to 150Mbps, so you're connected wherever the road may take you.

Hotspot™ can be used as a portable device but should be fastened in the trailer to a mounting surface initially.

Hotspot™ is compatible with AT&T® cellular service using LTE bands 2,4 & 12. In order to activate your Hotspot™, the owner will need to purchase their own LCI data package and activate a LCI user account.

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

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 Information

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

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

⚠ WARNING

THE "WARNING" SYMBOL ABOVE IS A SIGN THAT A SAFETY RISK IS INVOLVED AND MAY CAUSE DEATH, SERIOUS PERSONAL INJURY AND/OR SEVERE PRODUCT OR PROPERTY DAMAGE IF NOT SAFELY ADHERED TO AND WITHIN THE PARAMETERS SET FORTH IN THIS MANUAL.

⚠ WARNING

FAILURE TO FOLLOW THE INSTRUCTIONS PROVIDED IN THIS MANUAL MAY RESULT IN DEATH, SERIOUS INJURY, UNIT DAMAGE OR VOIDING OF THE COMPONENT WARRANTY.

⚠ CAUTION

THE "CAUTION" SYMBOL ABOVE IS A SIGN THAT A SAFETY RISK IS INVOLVED AND MAY CAUSE PERSONAL INJURY AND/OR PRODUCT OR PROPERTY DAMAGE IF NOT SAFELY ADHERED TO AND WITHIN THE PARAMETERS SET FORTH IN THIS MANUAL

⚠ CAUTION

ALWAYS WEAR EYE PROTECTION WHEN PERFORMING SERVICE OR MAINTENANCE TO THE UNIT. OTHER SAFETY EQUIPMENT TO CONSIDER WOULD BE HEARING PROTECTION, GLOVES AND POSSIBLY A FULL FACE SHIELD, DEPENDING ON THE NATURE OF THE SERVICE.

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Parts List

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.

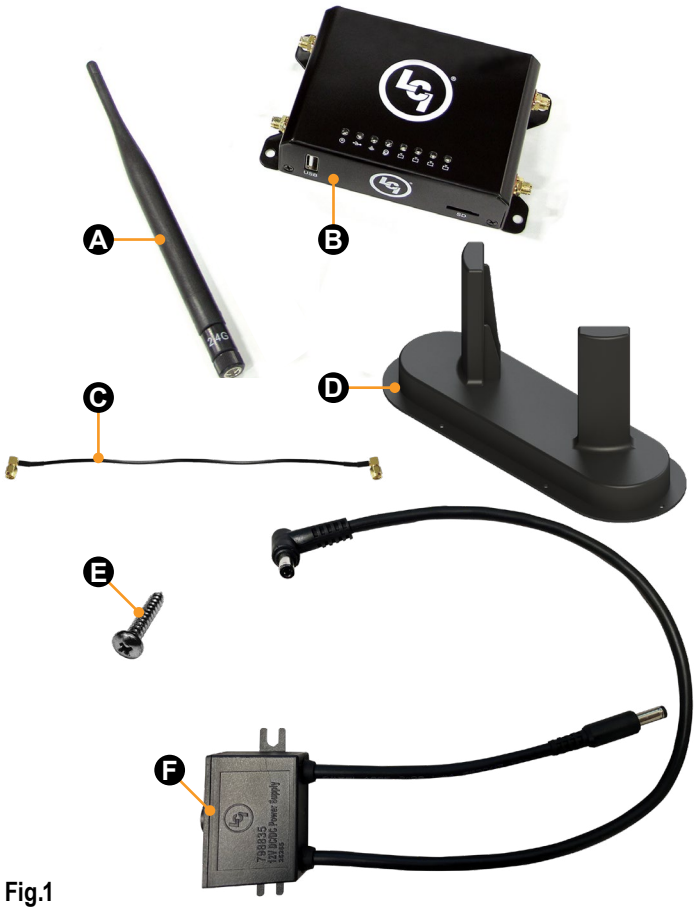

Fig.1

OneControl Hotspot™ OEM Prepped Kit #805592			
Letter	**Part#**	**Description**	**Qty**
A	722251	2.4 GHz WiFi Antenna	2
B	2020113124	OneControl Cellular Gateway	1
C	727072	Right angle Coax Cables	2
D	722255	External Cellular Antenna	1
E	2020114875	#8 x 3/4" Stainless Steel Pan Head Screw	6
F	798835	12V DC/DC Power Supply	1

Resources Required

- Cordless or electric drill or screw gun
- Appropriate drive bits

Installation

External Cellular Antenna

1. Locate the external cellular prep plate **(Fig.2A)** on the roof of the unit.

2. Remove the twelve screws located on top of the external cellular prep plate **(Fig.2B)**.

3. Remove the screws **(Fig.2B)** and the top plate **(Fig.2C)**, place the top plate in a location that if the external cellular antenna needed to be removed, the top plate could be re-installed in its place. Save the removed screws for installing the external cellular antenna.

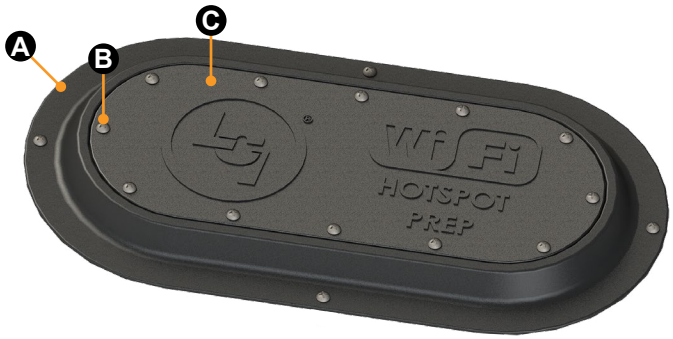

Fig.2

4. Connect the coaxial cords from the bottom of the external cellular antenna **(Fig.3A)** to the coaxial cords located inside the external cellular prep plate **(Fig.3B)**.

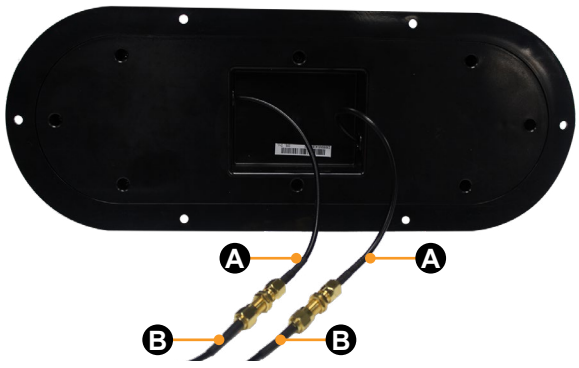

Fig.3

5. Position the external cellular antenna **(Fig.4B)** in place of the external prep plate, on top of the gasket, inside the rim of the external cellular prep plate **(Fig.4C)**.

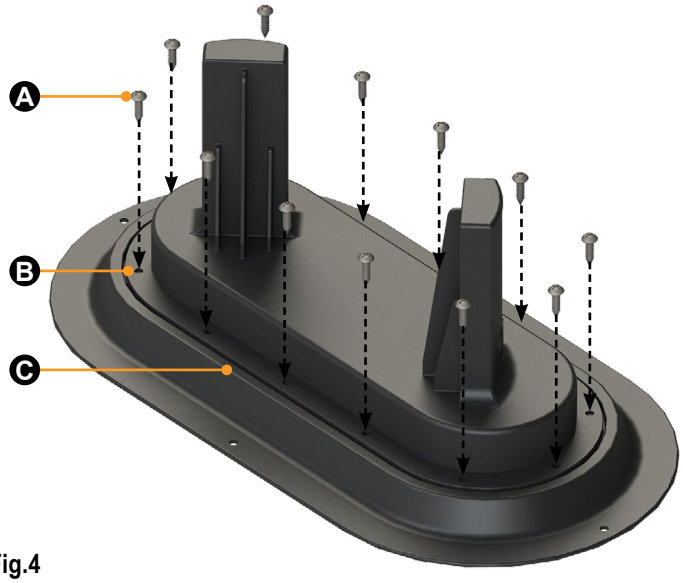

Fig.4

6. Using the pre-drilled holes in the external cellular antenna **(Fig.4B)**, re-install the twelve previously removed screws **(Fig.4A)** from step 3.

7. Figure 5 depicts the completed installation of the external cellular antenna.

Fig.5

Prepped Unit - Permanent Installation

1. Locate the OneControl Hotspot prep plate **(Fig.6)** pre-installed in the unit.

2. Attach one end of the two right angle coax cables **(Fig.1D)** into the two middle coax cable ports **(Fig.6A)** located on the OneControl Hotspot prep plate.

3. Place the cellular gateway on a level surface within 12" of the OneControl Hotspot prep plate.

Fig.6

NOTE: Before securing the OneControl Hotspot gateway to a permanent location, make sure that you have located your activation/claim code information card that has the pertinent information to activate your OneControl Hotspot Gateway. Place this card in a secured and easily accessible location after activation. If the activation card is lost a copy is located underneath the OneControl Hotspot gateway.

4. If desired, secure the cellular gateway **(Fig.7)** to a permanent mounting surface by installing four #8 x ¾" stainless steel pan head screws through the provided holes in the cellular gateway **(Fig.7A)** and into a permanent mounting surface.

5. Attach the opposite end of the right angle coax cables into the two corresponding ports marked 3G/4G of the cellular gateway **(Fig.7B)**.

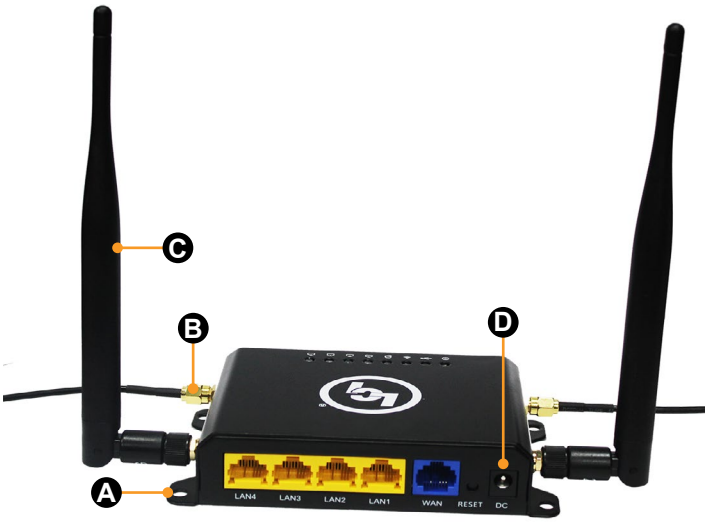

Fig.7

6. Attach the two 2.4 GHz WiFi antennae **(Fig.7C)** to the corresponding ports of the cellular gateway.

7. For a power source, insert the power supply's **(Fig.1E)** straight barrel connector **(Fig.8)** into the back of the cellular gateway **(Fig.7D)**. Insert the opposite 90 degree barrel connector **(Fig.9)** into the prepped plate **(Fig.6B)**.

Fig.8

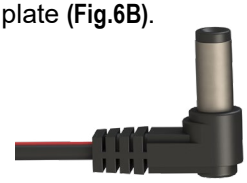

Fig.9

8. Verify power and connectivity with the Hotspot™ LEDs on the cellular gateway. Lights will flash when connected.

9. If desired, secure the 12V DC/DC power supply **(Fig.10)** to a permanent mounting surface by installing two #8 x ¾" stainless steel pan head screws in between the provided screw holders on the 12V DC/DC power supply **(Fig.10A)** and into a permanent mounting surface.

Fig.10

System Activation and Configuration

A data package is required to activate the OneControl Hotspot wireless Internet system. Go to https://www.lci1.com/qr*8n for data plan activation. Have the claim code number, and a credit card available.

The claim code number is located on the product label underneath the OneControl Hotspot gateway or on the OneControl Hotspot owner's card **(Fig.11A)** located inside the packaging with the parts.

Fig.11

System Requirements

- Android, iOS smart device or computer
- Data Package

Activation

1. Make sure the Onecontrol Hotspot gateway has power, indicated by the flashing LEDs on top of the OneControl Hotspot Gateway.

2. On a computer or smart device, go to the website https://www.lci1.com/qr*8n.

3. If an LCI Customer Community account **(Fig.25)** has been previously created, log in with the previously created email and password **(Fig.12A)** then click the Login Button **(Fig.12B)**. See step 16. Otherwise, a new user account will need to be created to initiate the OneControl Hotspot gateway. For the first time logging in, click the Create Your Account link **(Fig.12C)** on the homepage.

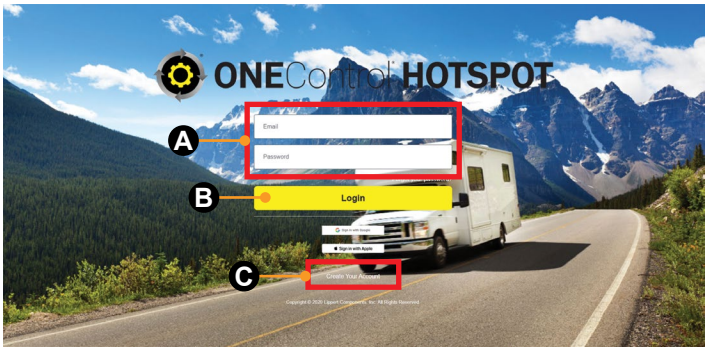

Fig.12

4. Enter all information in the fields **(Fig.13)**.

Fig.13

5. Read and click Agree to the OneControl Hotspot End User Agreement **(Fig.14A)**.

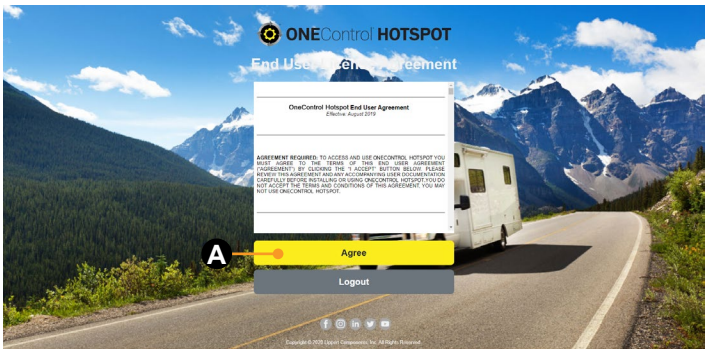

Fig.14

6. Read and click the Allow button for the billing portal access **(Fig.15A)**.

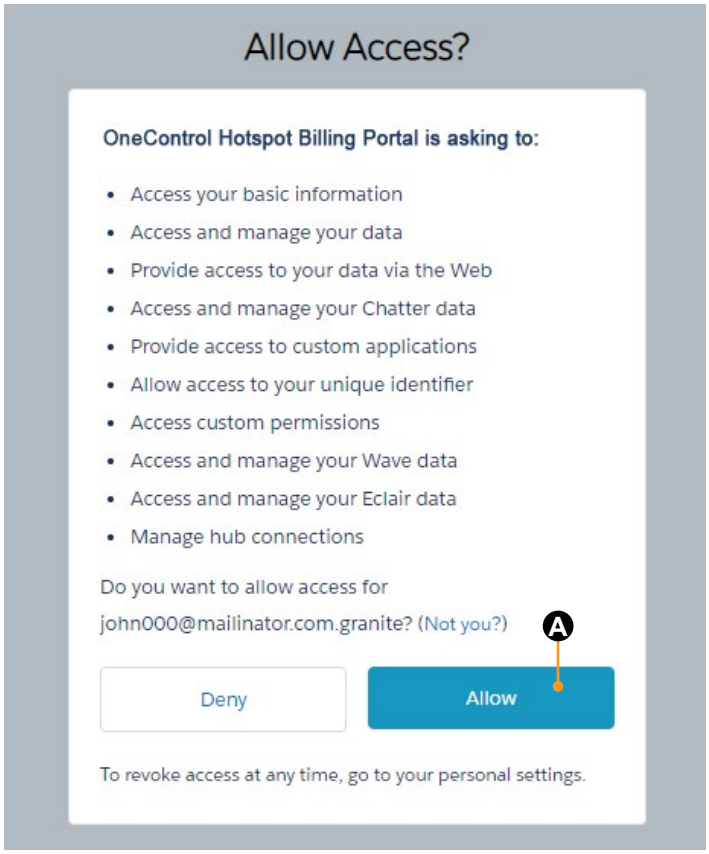

Fig.15

7. Read the Use and Terms of Service then click the Accept button **(Fig.16A)**.

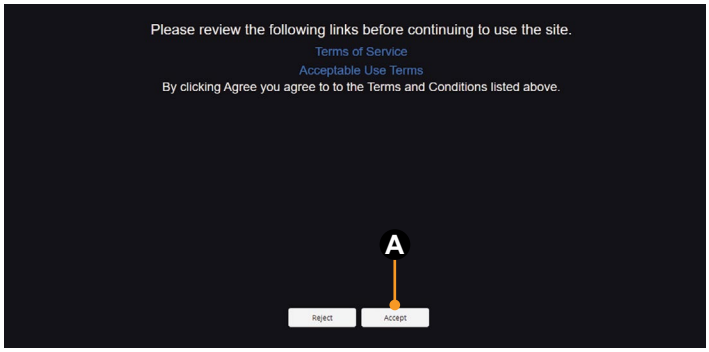

Fig.16

8. Click the Claim Your Device button **(Fig.17A)**.

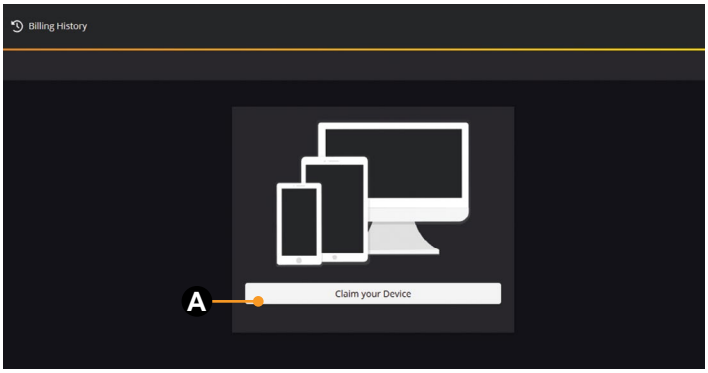

Fig.17

9. Enter the Claim Code **(Fig.18A)** in the provided field and click the Next button **(Fig.18B)**. The Claim Code is located on the OneControl Hotspot Owner's Card **(Fig.11A)** or underneath the OneControl Hotspot gateway.

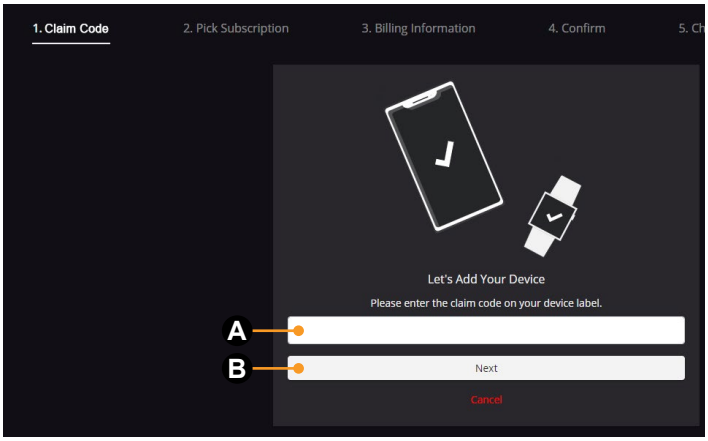

Fig.18

10. Select the needed usage plan by clicking the Buy Now button (Fig,19A or Fig.19B).

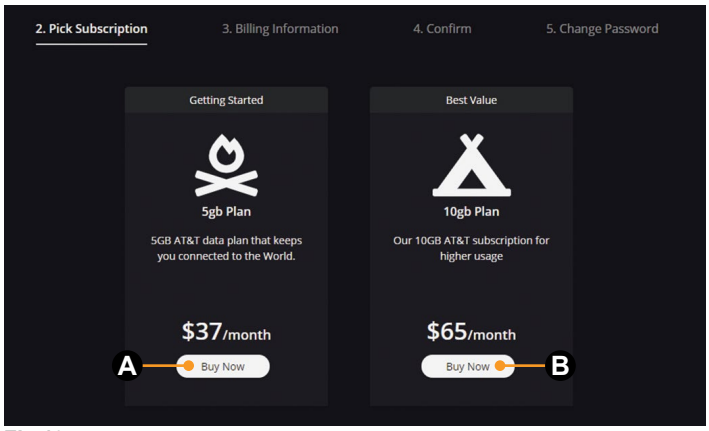

Fig.19

11. Enter the billing information in the fields and click the Verify Payment button **(Fig.20A)**. The credit card entered will be billed monthly until service has been canceled.

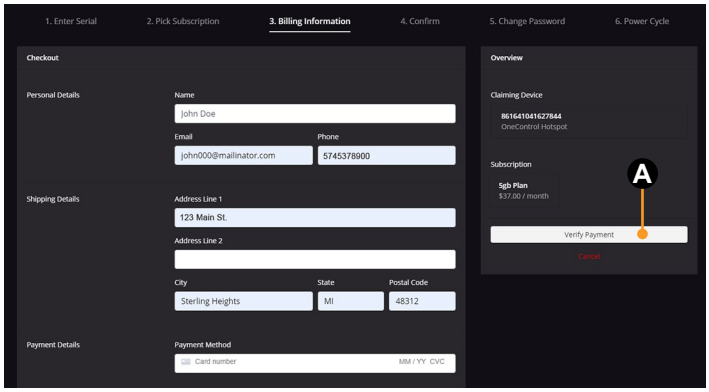

Fig.20

12. Review the subscription and then click the Confirm Subscription button (Fig.21A).

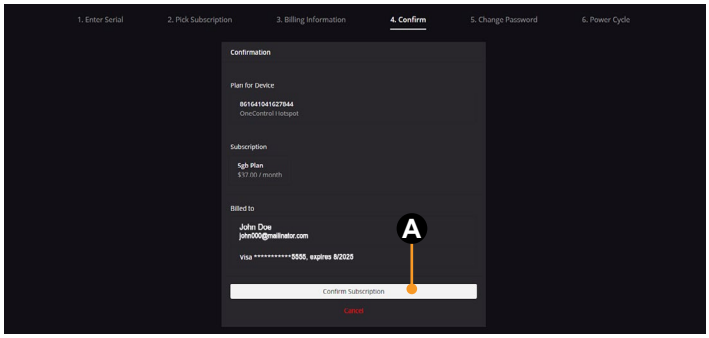

Fig.21

13. The next step is optional. The OneControl Hotspot gateway SSID and password can be changed for easy recognition and security purposes. Enter the new SSID and password. Write down the new SSID **(Fig.22A)** and password **(Fig.22B)** and store in a secure location. Click the Submit button **(Fig.22D)** or if no new SSID and password will be entered click the Cancel button **(Fig.22C)**.

NOTE: If choosing to **NOT** change the SSID and password by clicking the Cancel button **(Fig.22C)**, the next step, Step 14, Power Cycle **(Fig.23A)** will still need to be performed to complete the installation.

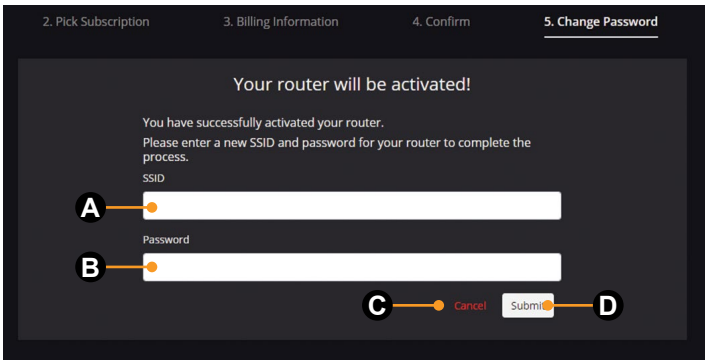

Fig.22

14. The OneControl Hotspot gateway will need to be restarted, go to Power Cycle **(Fig.23A)**. Follow the directions on the screen and then click I'm Finished button **(Fig.23B)**.

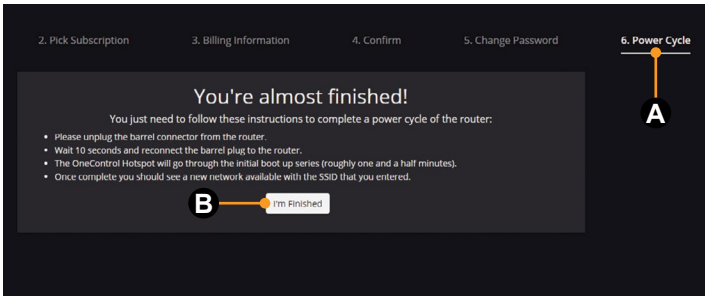

Fig.23

15. Returning to the website to finish activation, change the subscription or change billing information, enter your email and password **(Fig.24A)** then click Login button **(Fig.24B)**.

Fig.24

16. The LCI Customer Community screen will look like figure 25. Click the subhead More and choose Data Plan **(Fig.25A)** from the drop down menu.

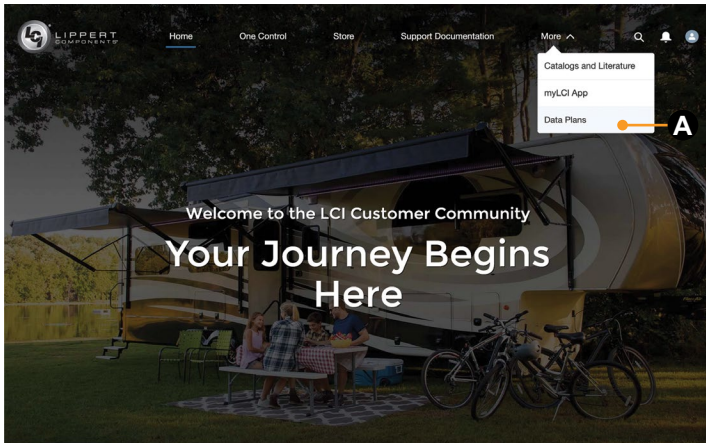

Fig.25

Troubleshooting

Most problems with the Hotspot™ can be diagnosed by checking the indicator lights located on the top of the cellular gateway.

LED Indicator Light Troubleshooting Chart

Letter	Description	LED Color	What's Happening?	Why?	What Should be done?
A	Power	Red	Hotspot™ Gateway is powered.	No Problems.	N/A
		Off	Hotspot™ Gateway is **NOT** powered.	Hotspot™ Gateway is **NOT** powered.	Check the power source and power connections.
B	Cell	Blue	Slow blink is searching/ connecting, faster blink is activity.	No Problems.	N/A
		Off	No cell connection.	No cell connection.	Verify nano SIM card is active with your provider and is inserted into the SIM card adapter and SIM card slot correctly.
C	WiFi	Blue	Solid when AP is available, blink on activity.	No Problems.	N/A
		Off	No WiFi connection.	No WiFi connection.	Log into the router and verify that the WiFi function is turned on.
D	WAN	Blue	Blink on activity.	No Problems.	N/A
		Off	No WAN connection.	Not in use. Bad or no Ethernet cable connection.	Check Ethernet connection to router.
E-H	LAN	Blue	Blink on activity.	No Problems.	N/A
		Off	No LAN connection.	Not in use. Bad or no Ethernet cable connection.	Check Ethernet connection to router.

FCC Compliance

FCC 15B statement:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.
If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Part 15 compliance statement:
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

IC User manual notice:
This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.

2. This device must accept any interference, including interference that may cause undesired operation of the device.

Non-modification Warning

Any changes or modifications to this device not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

RF Exposure Statement

This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment should be installed and operated keeping the radiator at least 30cm or more away from person's body.

Notes

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