



ONECONTROL[®] WITH A7
TOUCHSCREEN(AU)
OWNER'S MANUAL

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Introduction

Thank you for purchasing the OneControl® with A7 Touchscreen, the OCAU™ System.

The OCAU System makes it easy for users to see their caravan's vital stats at a glance. The system's innovative dashboard displays a caravan's water, liquid propane (LP), battery levels and more along a unique "lifeline" interface.

This thoughtful design eliminates the need for users to scroll to find a caravan's main controls – all essential switches are displayed prominently on the OCAU System's main screen. By making it easy to manage resources, the OCAU System is the perfect partner for users whose adventures include places without power or water infrastructure.

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

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

[OneControl^{\(R\)} Wireless](#)

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

Safety

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

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

WARNING

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

WARNING

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

CAUTION

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

CAUTION

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

Installation

Pre-Installation

The OCAU System should be pre-installed and removal should not be necessary. Removing could damage the OCAU System, cause failure of the device, and void warranty. Should there be questions about the physical installation of the OCAU System, please consult your dealership. Questions about the device usage should be addressed within this manual or with your local distributor.

Understanding the OCAU System Components

The OCAU is primarily two components:

1. The physical bezel hardware referred to here as A7 Touchscreen.
2. The graphical user interface, the interactive touchscreen, referred to here as OCAU Graphic User Interface (OCAU GUI).

Operation

Power On/Off

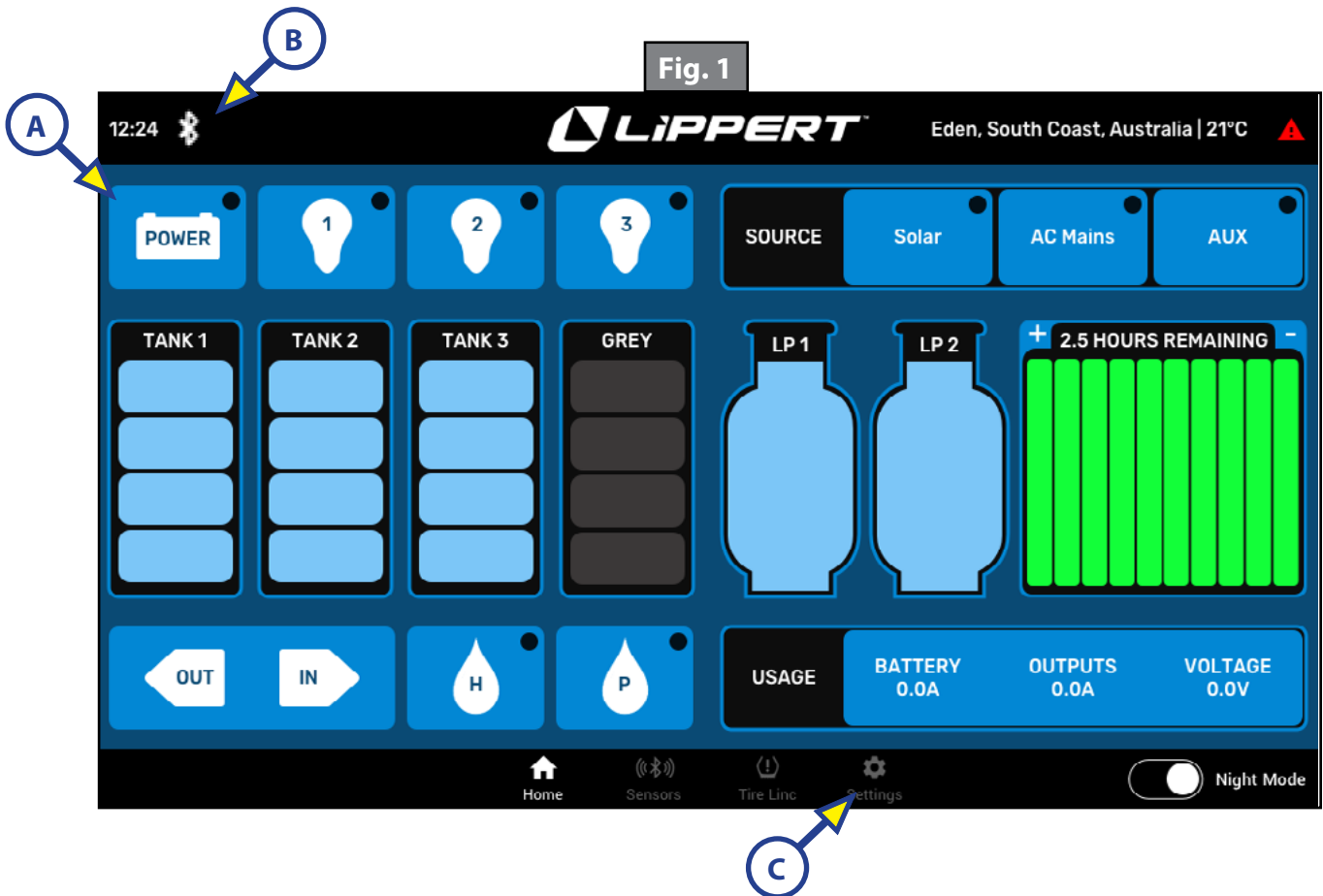
During normal caravan operation, the OCAU System will be on. Users may choose to power-down the system for maintenance, to conserve battery or when putting the vehicle in storage.

There are two ways to power on and off the OCAU System.

1. If pressing the OCAU GUI produces no graphics, images or buttons, the A7 Touchscreen may be off. If the A7 Touchscreen is off, look for the physical button on the lower right side of the bezel. Press the button for 2-3 seconds to turn the A7 Touchscreen on.

NOTE: It may take a few moments to start up the system or to shut it down. When the A7 Touchscreen powers-up, the OCAU GUI will appear.

2. If the OCAU GUI buttons are unresponsive or displays show no data, press the power button (Fig. 1A) to turn on the OCAU System. This will allow the user to access caravan controls and information.



Connecting the OCAU System to a Smart Device

The OCAU System uses BlueTooth® to connect to a user's smart device.

1. On the Home Screen, tap the Settings gear icon to navigate to the Settings Screen (Fig. 2).
2. Scroll to the bottom of the Settings Screen to find Device Connection (Fig. 3).
3. Hit the refresh button to find the available wireless networks (Fig. 3A).
4. Find the user's desired wireless network and connect.

Fig. 2

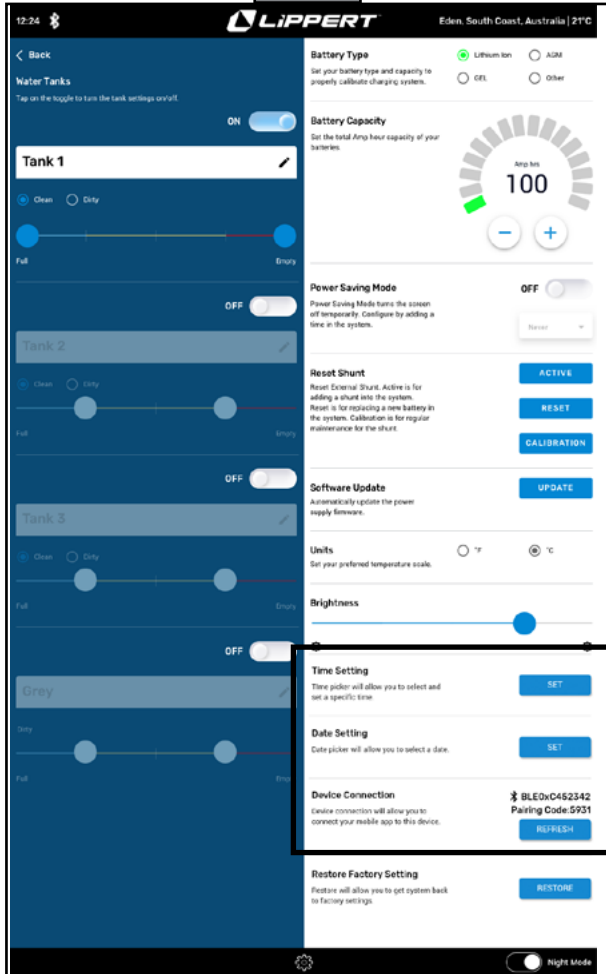
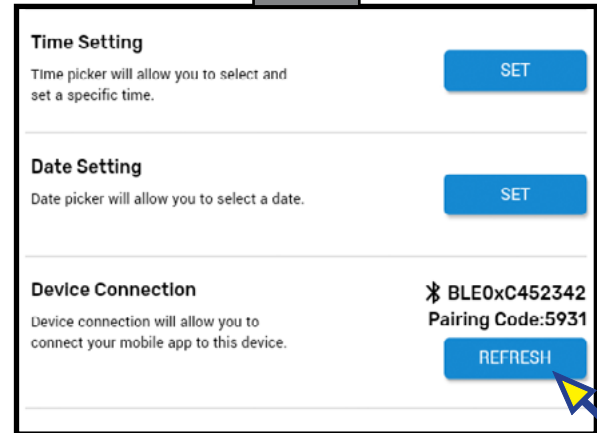


Fig. 3



Operation

By design, the OCAU GUI will display the home screen most of the time. Users may select other screens, such as Settings, Sensors and Tire Pressure Monitoring (TPMS).

NOTE: A caravan’s content will determine the Home Screen’s configuration, such as the number of water tanks, switches, and accessories like LP tanks.

Home Screen

The home screen displays the Header bar, Controls, the At-A-Glance Lifeline vitals, Displays, and the Navigation bar. The Header and Navigation bars, the top and the bottom of the OCAU GUI, report to users the general needs of the touchscreen and the caravan.

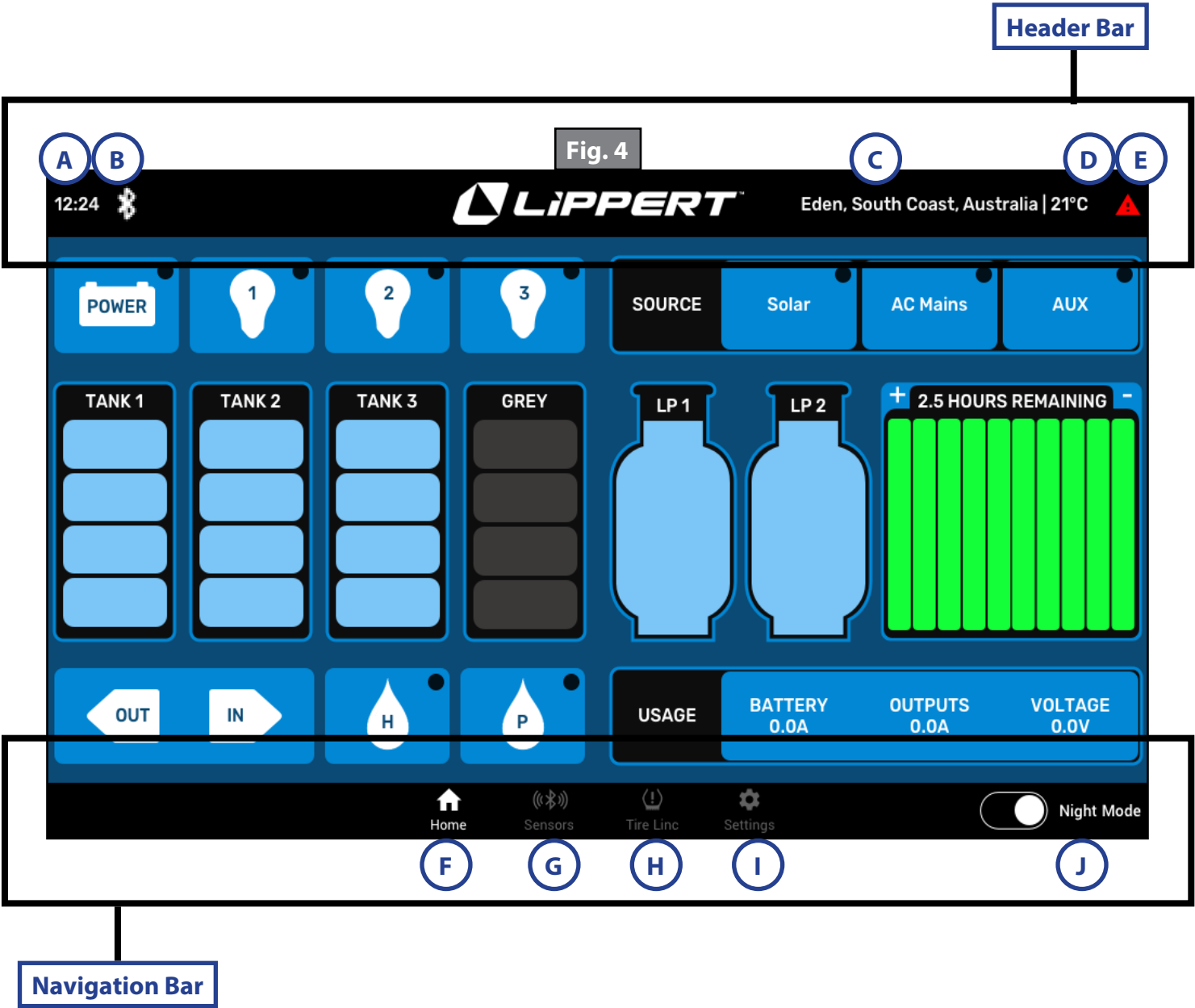
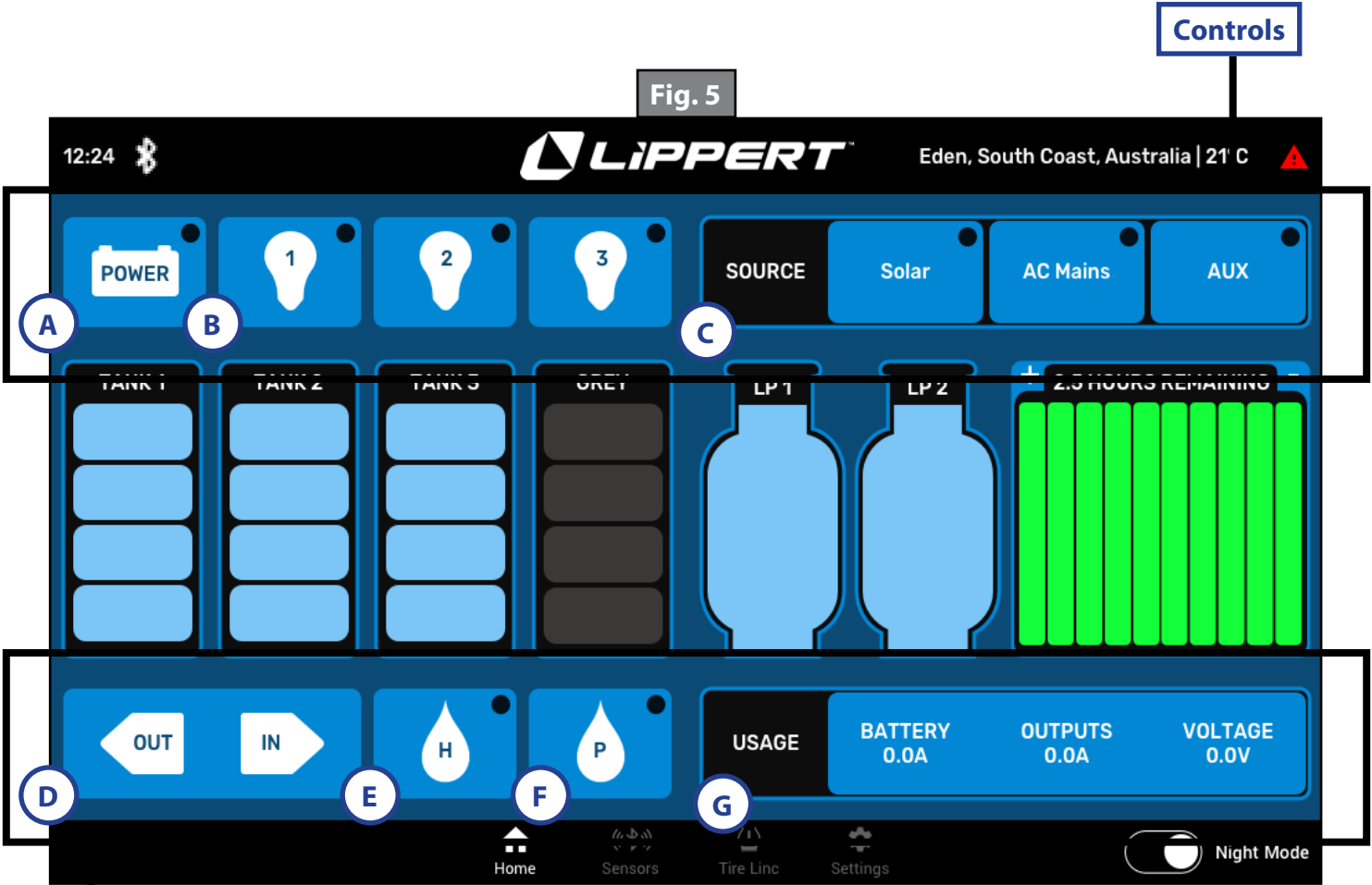


Fig.3 - Header and Navigation Bars		
Callout	Display Item	Description/Other notes
A	Time	Time can be set in Settings.
B	Bluetooth capability	The Bluetooth symbol informs the user of the ability to pair a smart device to the caravan. If the OCAU System app is downloaded, the user may control the caravan's OCAU System from a smart phone or device.
C	Location	A user's geo-location appears automatically.
D	Temperature	• Outside temperature • Units can be changed in Settings.
E	Notification	• If there are no notifications, a white triangle will appear. • A red triangle indicates a notification has been sent to the user. It may be read on the A7 tablet by pressing on the triangle or in the mobile app.
F	Home	This button allows users to return to the Home Screen.
G	Sensors	• The sensors page is provisioned for a temperature sensor and an LP sensor. • Sensors may be installed at the factory, by a dealer or by a user when purchased at an aftermarket retailer.
H	TireLinc™	TireLinc™ is a Tire Pressure and Monitoring System (TPMS) that may be installed at the factory, by a dealer or by a user when purchased at an aftermarket retailer.
I	Settings	Takes a user to the Settings page.
J	Night Mode	Night Mode turns off the display so that it does not waste battery or keep people awake at night.

The controls underneath the Header Bar allow the user to power on and off the OCAU Interface, operate lights within the caravan and select the caravan’s energy source.

The controls above the Navigation Bar allow the user to operate slides and turn on the Water Heater and Pump. Energy usage is also displayed.

Fig. 5



Displays

Fig.4 - Controls and Displays		
Callout	Display Item	Description/Other notes
A	Power	• The power button turns the system on. • After a user presses a button, the black circle turns bright green to indicate the feature is on.
B	Light Buttons	• A caravan will always have three light buttons. • Each represents a unique zone.
C	Power Source	A user may select the source of power.
D	Slider	Opens and closes slide(s); user presses button until the slide is completely extended or retracted.
E	Water Heater	Turns on Water Heater.
F	Water Pump	Turns on Water Pump.
G	Energy Usage	• Allows a user to see the amount of energy being used by the caravan’s systems and features. • Display only

The center of the OCAUG GUI showcases vital resources at-a-glance. Water tanks, including fresh and grey, occupy the left side, while energy sources like LP and battery are on the left. No scrolling is required to see all features.

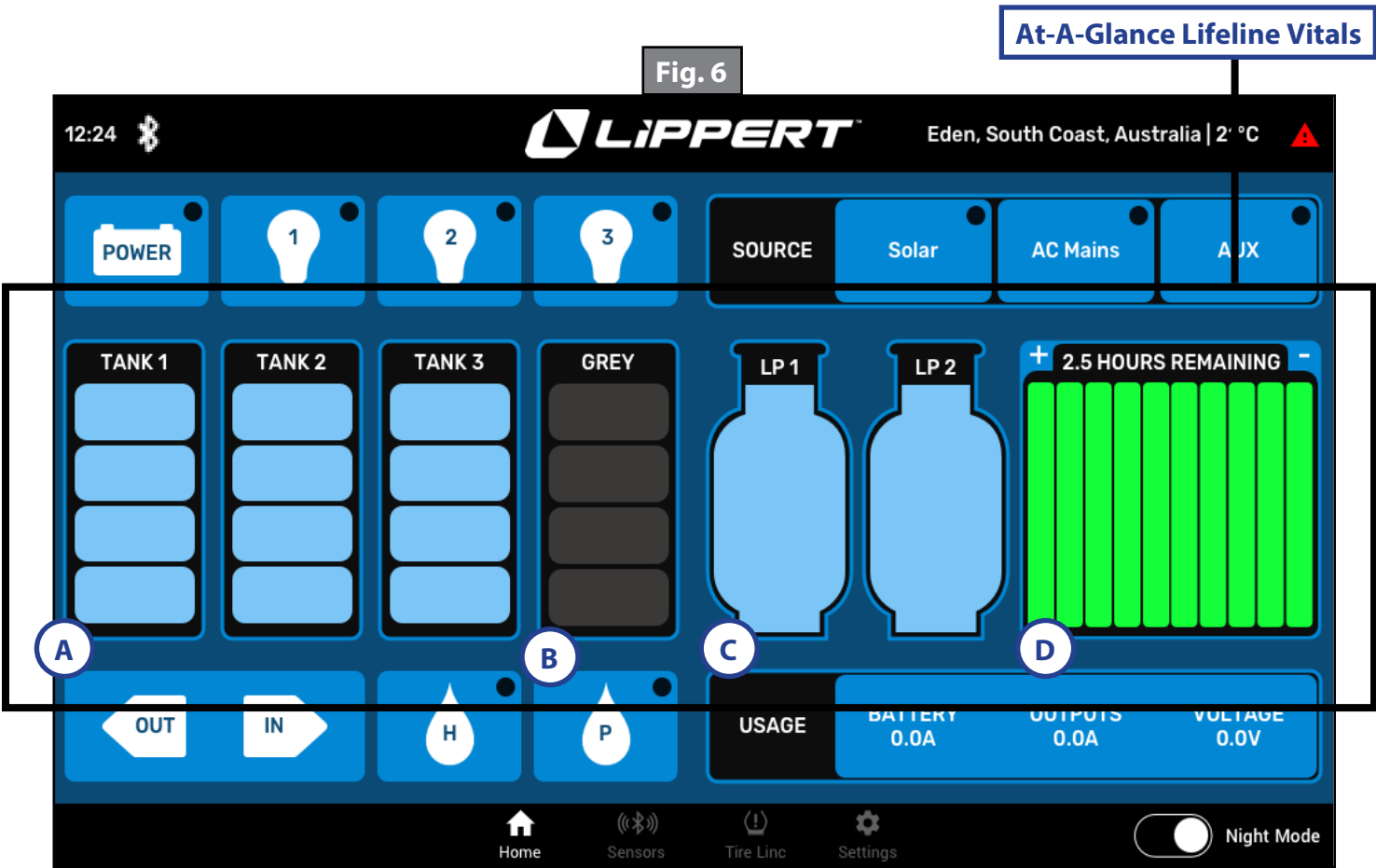
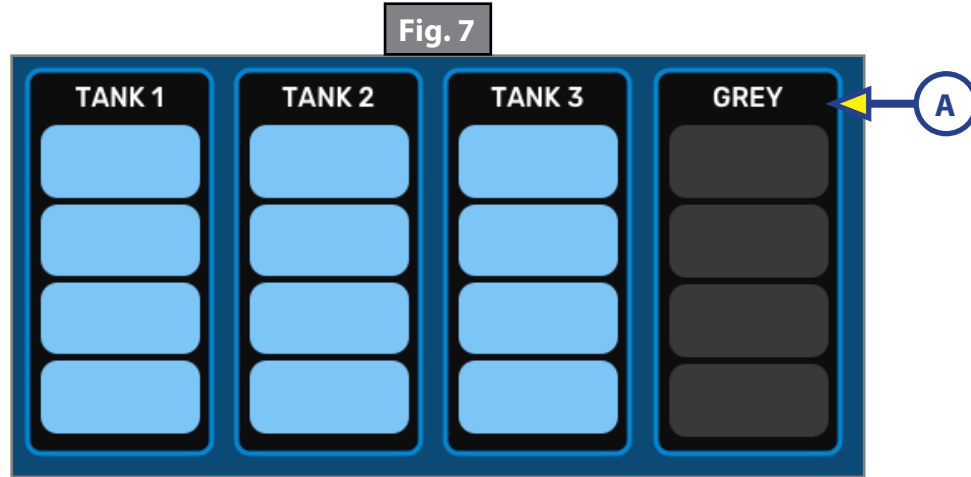


Fig.5 - At-A-Glance Lifeline Vitals	
Callout	Display Item
A	Water tanks (fresh water for consumption and use)
B	Grey Tank (dirty water)
C	LP Tanks
D	Battery Level

Reading Water Levels

The caravan may be equipped with up to three clean water tanks. When a tank is full, it will show four blue quadrants in a vertical stack (Fig 7).

NOTE: The number of tanks displayed is determined by the number of tanks installed on the caravan at the factory.



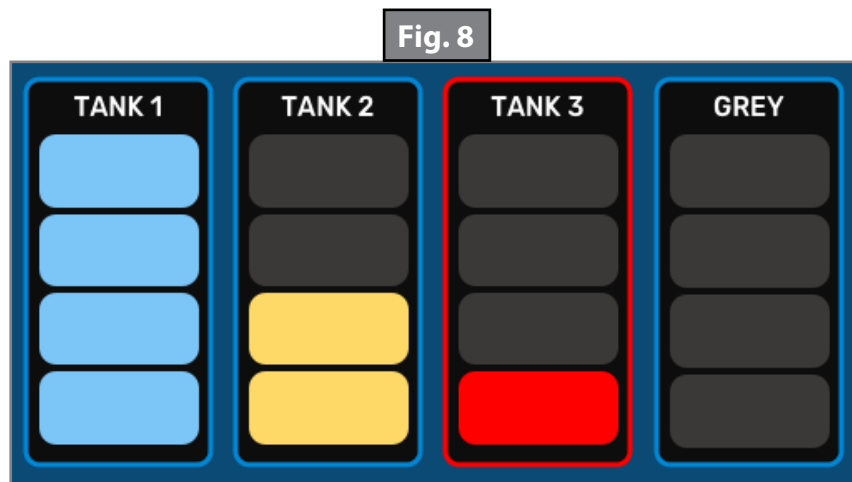
As clean tanks are depleted, levels reduce by 25% increments, 1 quadrant at a time, and turn yellow. Levels are reported as:

- 100% (full-4 of 4 quadrants)
- 75% (3 of 4 quadrants)
- 50% (2 of 4 quadrants)
- 25% (1 of 4 quadrants)
- 0% (empty-0 of 4 quadrants)

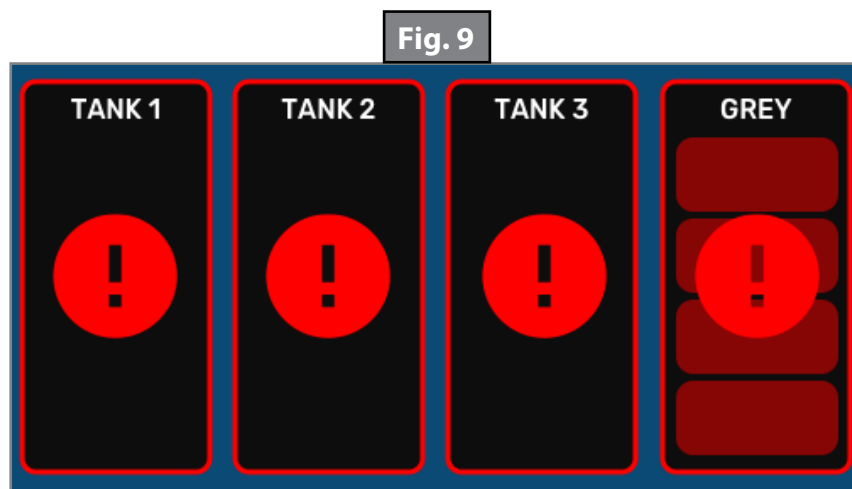
NOTE: As tanks are depleted or filled, the color of each quadrant may change. The point at which color changes may be selected by the user in the Settings page.

The Grey Tank (Fig. 7A) is the caravan's dirty water and there will always be at least one Grey tank. The grey tanks display will change color as the tanks begin to fill up with dirty water as follows (Fig. 8):

- 0% (empty-4 stacked dark grey quadrants)
- 25% (1 of 4 light grey quadrants)
- 50% (2 of 4 yellow quadrants)
- 75% (3 of 4 red quadrants)
- 100% (4 of 4 red quadrants)

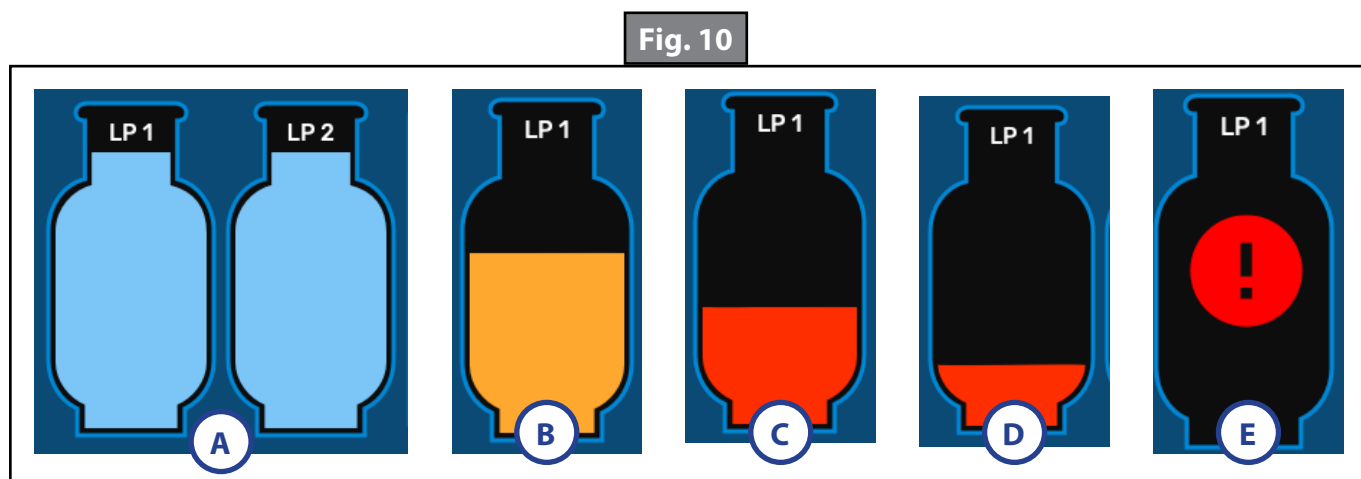


When the Water Tanks are empty and the Grey Tank is full, the following alert will display (Fig. 9).
When tanks are refilled and/or emptied, their colors change to reflect their status.



LP Tanks

Like Water Tanks, LP Tanks are blue when they are full (Fig. 10A).

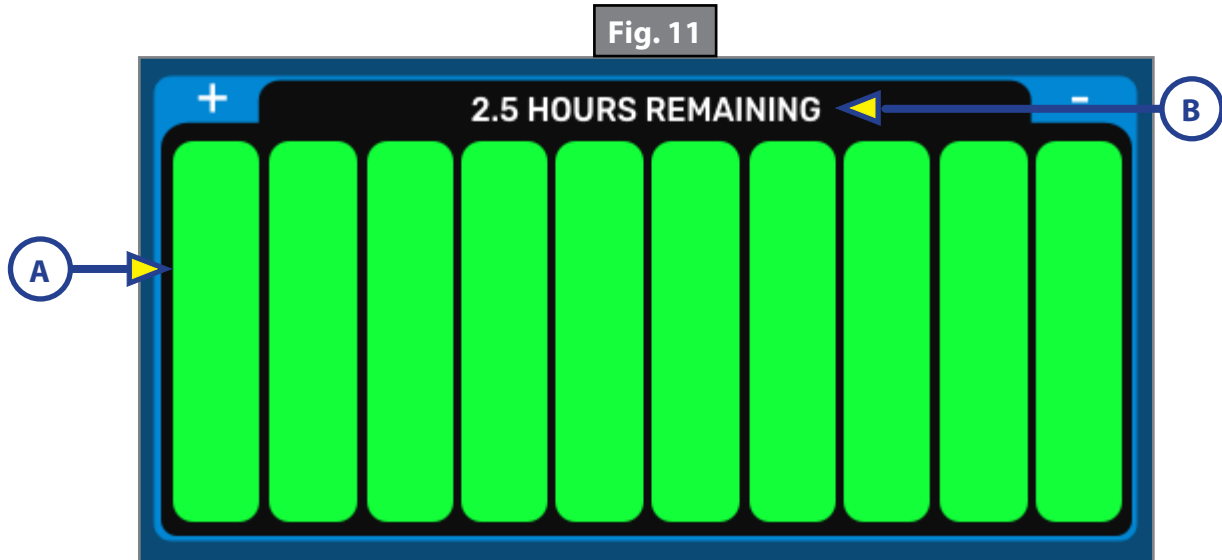


As the levels change, the colors change as follows:

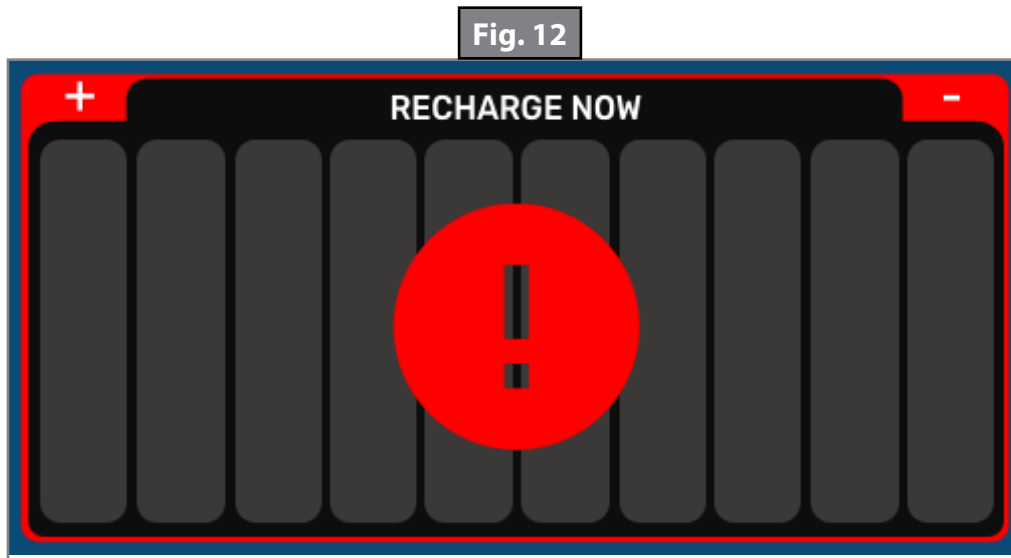
- Blue (full-100%)
- Yellow (75% full) (Fig. 10B)
- Red (half full-50%) (Fig. 10C)
- Red (25%) (Fig. 10D).
- Empty tanks (0%) will display a red exclamation mark warning as seen in Figure 10E.

Battery Level

The Battery Level is shown in increments of 10. When the battery is full (100%), all 10 increments are green (Fig. 11A). The Battery's estimated life time is also displayed (Fig. 11B).

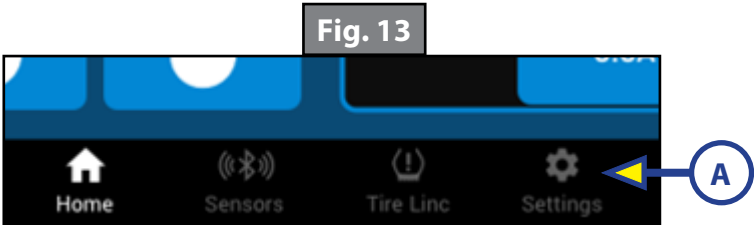


Battery status is shown graphically in increments of 10%. At 50%, the increments turn yellow. At 20%, the increments turn red. An exclamation mark warning will appear when the battery is depleted and requires recharge (Fig. 12). At any time, the user may adjust the warning levels in Settings.

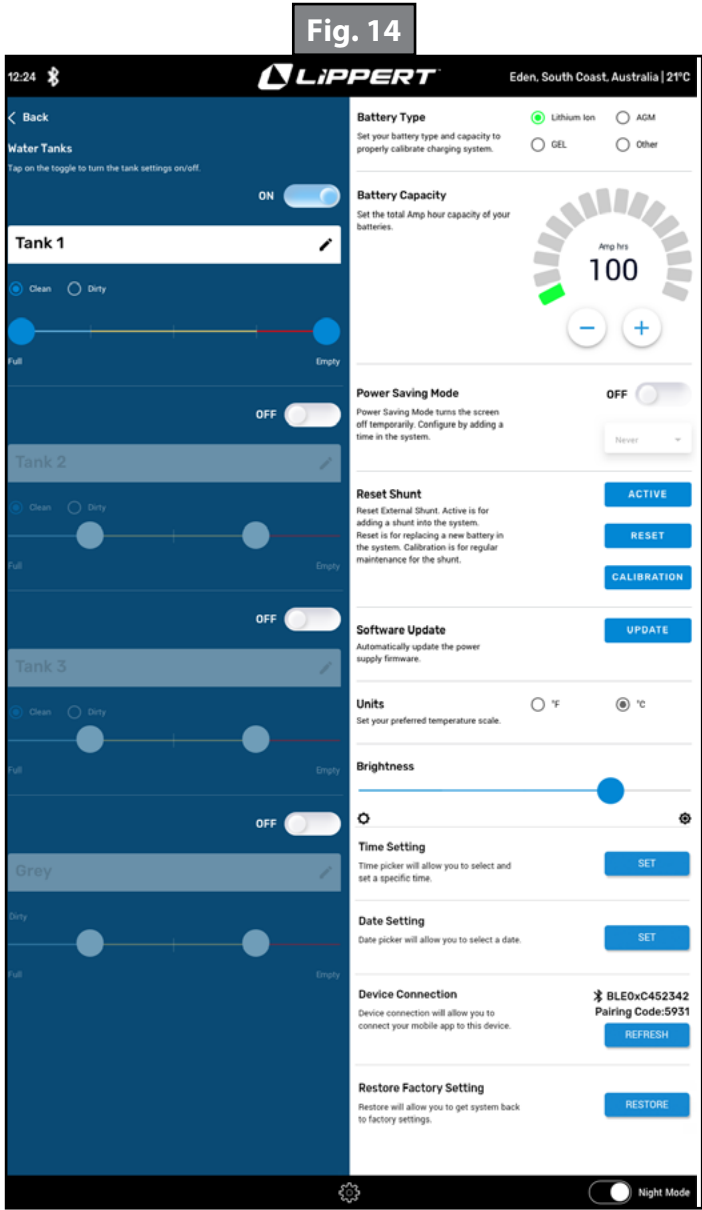


Settings Screen

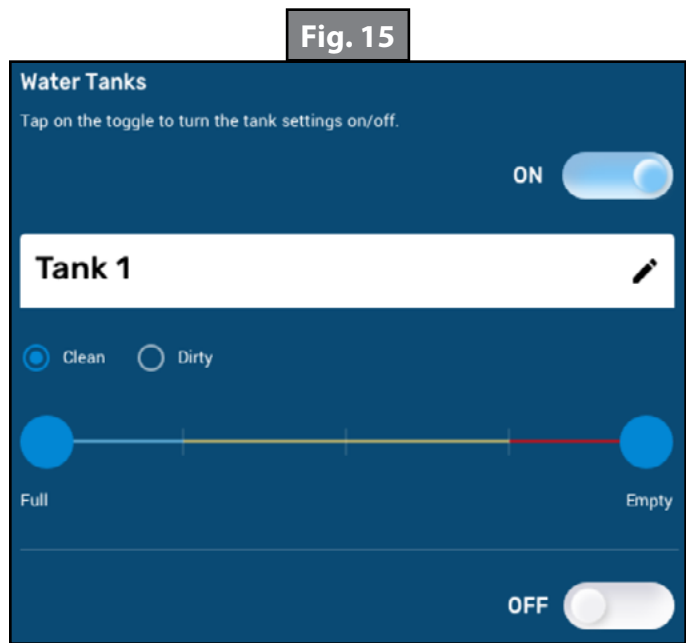
From time to time, the user may need or want to make changes to the settings. Those can be easily accessed by touching the Settings gear icon (Fig. 13A) at the bottom OCAU GUI along the Navigation bar. This will open the Settings screen.



The Settings Screen displays as seen in Figure 14. It is divided into two columns: the left side features only water tanks, and the right side includes a variety of caravan control settings. Unlike the Home Screen, the Settings Screen requires vertical scrolling.



The entire left side of the Settings Screen is dedicated to the caravan's water tanks (Fig. 15). The user may assign unique names to each tank and turn them on and off.



A caravan may have up to 4 water tanks. These tanks may be set up at the factory or by the user.

A user sets up their water tanks by turning them on. Once on, the tank can be renamed. The default name for water tanks is "Tank" followed by a number.

Caravans have two types of tanks: Clean and Dirty. Clean tanks are intended for fresh, consumable water. Dirty tanks are intended for waste water.

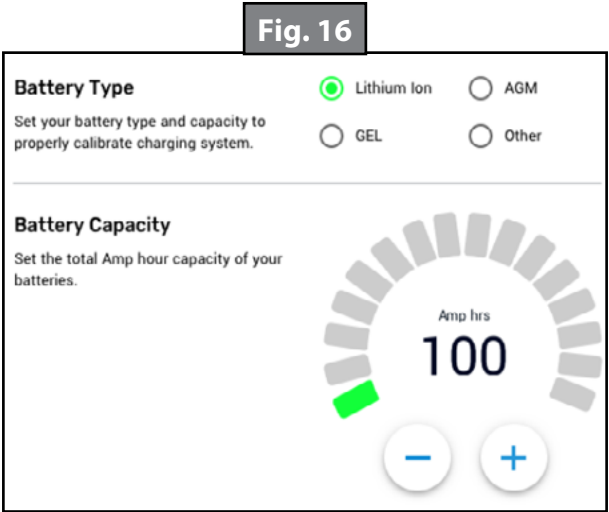
If the caravan is equipped with only one tank, it will be a Dirty tank. If a caravan is equipped with more than one tank, the other tanks will be Clean. At any time, a user may select the type of tank.

If the user changes a Clean tank to a Dirty tank, the OCAU System will lock the name as "Grey" for safety. If there is more than one Dirty tank, the second will automatically be named Grey 2.

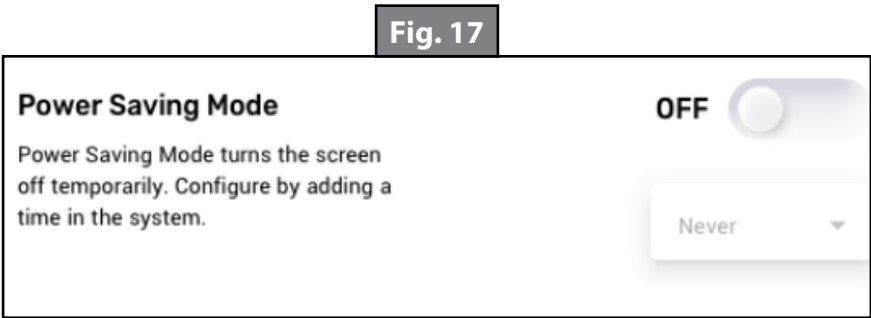
Users should take great care if they chose to convert a Dirty tank to Clean. This may require replacing the entire tank and hose system to avoid contamination.

The user may also edit the warning scale of any tank. A user simply places their finger on a blue circle and drags it to a different point on the spectrum line.

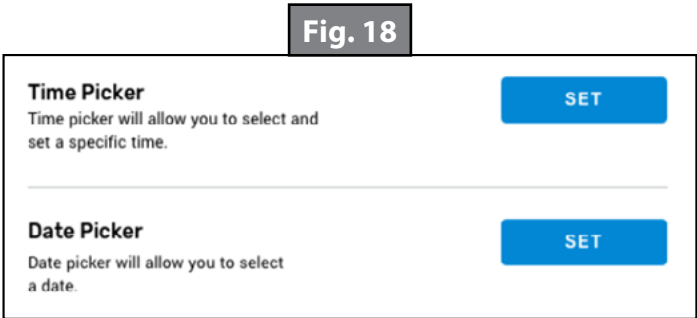
On the top right hand side of the Settings Screen, the user can calibrate the battery system (Fig. 16) by selecting the chemistry type of the battery.



A user will need to enter the total Amp Hour capacity. This may vary by coach or if the user adds or changes batteries. The user will need to determine total capacity themselves. A user may add capacity with the plus ("+") or minus ("-") buttons. It will increase or decrease in increments of 20 Amp Hours. The maximum is 400 Amp Hours.

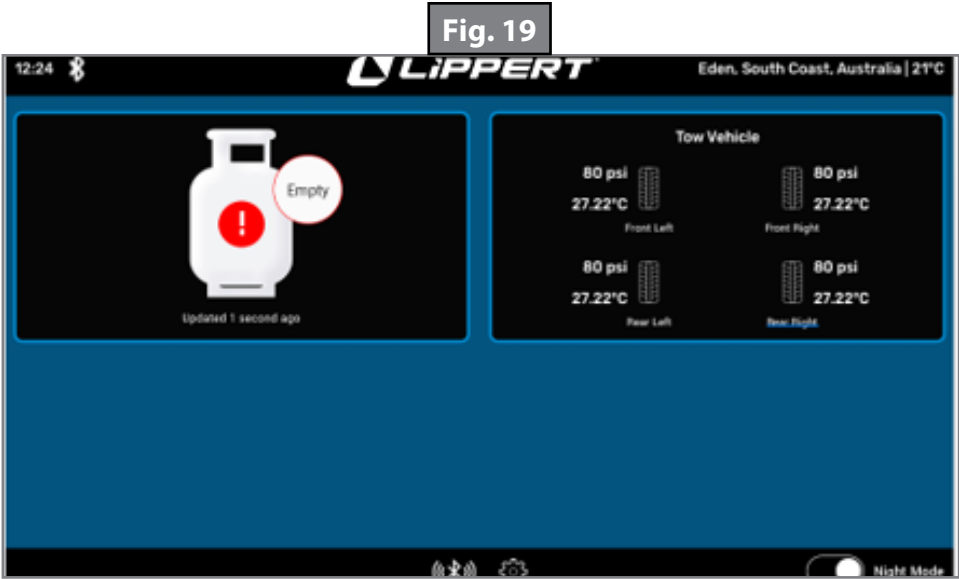


Power Saving Mode allows you to control when the OCAU System turns on and off (Fig. 17). The user is also able to adjust the date and time as needed (Fig. 18).



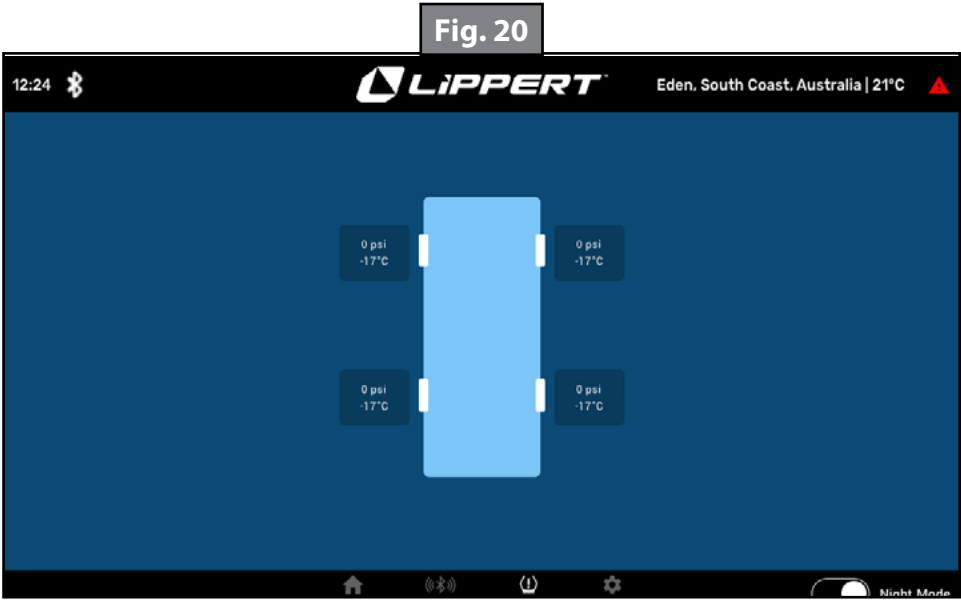
Sensors Screen

The OCAU System integrates accessory sensors so that users can access them conveniently through the OCAU GUI or Mobile App.

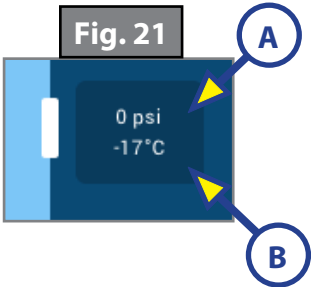


TPMS Screen

If the caravan has TireLinc™ installed, the TireLinc icon will display on the bottom of Home Screen, along the Navigation bar. Press the TireLinc icon to go to the TPMS Screen (Fig. 20) to view the caravan's tire pressure.



Each tire displays the PSI level measurements (Fig. 21A and Fig. 21B).



Notes

[illegible]



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