TIRE LINC® PRO LCD TOUCHSCREEN AND INTERNAL SENSOR SYSTEM

OWNER'S MANUAL

Scan for product support

TABLE OF CONTENTS

Introduction

Tire Linc® PRO (TLP) is a Tire Pressure and Monitoring System (TPMS) optimized for recreational vehicles (RVs) including travel trailers, fifth wheels, motorized RVs, tow vehicles and towed vehicles. Using sensors mounted at each wheel, TLP monitors tire pressure and temperature in real-time, sending alerts when tires exceed user-defined performance and safety thresholds. TLP can help improve fuel efficiency, extend tire service life, prevent blowouts, avoid accidents and damage.

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

For additional support on this product, please visit: https://support.lci1.com/tire-linc-pro.

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.

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

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

Safety

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

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

⚠WARNING

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

⚠WARNING

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

⚠CAUTION

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

⚠CAUTION

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

System Overview

Tire Linc® PRO (TLP) is a Tire Pressure and Monitoring System (TPMS) optimized for recreational vehicles (RVs) including travel trailers, fifth wheels, motorized RVs, tow vehicles and towed vehicles. Using sensors mounted to each wheel, TLP monitors tire pressure and temperature in real-time, sending notifications when tires exceed user-defined performance and safety thresholds. A TLP TPMS can help improve fuel efficiency, extend tire service life, help prevent blowouts, avoid accidents and damage.

Advanced Technology

TLP introduces solutions designed specifically for RVing

- Relative Temperature Monitoring: The System averages the temperature of all tires, then sends an alert if one tire's temperature is higher than the others. This helps catch problems early, including issues with wheels, axles and bearings.
- Inertial Sensing Technology: TLP sensors detect when the tire is rotating and when it is stationary, such as when camping. When camping, sensors send status signals at a reduced rate. This helps catch slow leaks while extending battery life.
- Add a Spare anytime: Even if an RV is equipped with a TLP System, it may not include a sensor for the spare tire. TLP allows you to purchase extra sensors and pair them anytime. This helps you use TPMS immediately and customize when convenient.

Convenient Monitoring

TLP makes it easy to stay on top of tire health

- App Monitoring: Use the App to keep an eye on status and to send notifications to your tow vehicle's Apple CarPlay® or Android Auto™ interface.
- Remote Monitoring: If your RV includes ConnectAnywhere™ 2.0, you can monitor tire health remotely through the App, avoiding surprises when you return to camp.
- In-RV Monitoring: If your RV includes a Platinum Series™ Control Panel, TLP will show tire status and alerts while camping, helping you avoid delays on departure day.

Total Coverage

TLP is designed to meet the needs of any application.

- Configurations: Create up to 4 trailers with up to 15 sensors each. Trailers can include towed vehicles and tow vehicles with dually axles.
- H-Rated tires: As more RV manufacturers upgrade to commercial-grade tires, the TLP system offers an aftermarket signal booster kit. This DIY kit helps you compensate for thicker sidewalls, which may interfere with signals from Internal Sensors.

Compatibility and Upgrades

TLP replaces Lippert's prior generation TPMS product, Tire Linc® (TL). Because TLP is compatible with TL sensors and Docks, it's easy to upgrade a TL system to TLP. To get the benefits of TLP's technology, monitoring and coverage, users simply purchase an aftermarket TLP kit, snap in the Repeater and setup their system.

Glossary

- **TPMS:** An acronym for "Tire Pressure Monitoring System," TPMS uses sensors to monitor tire pressure and temperature and alert drivers when a tire exceeds normal operating specifications.
- **TL:** An acronym for Tire Linc, Lippert's first generation TPMS.
- **TLP:** An acronym for Tire Linc PRO, Lippert's second generation TPMS.
- **Relative Temperature Monitoring:** A TLP exclusive: The system averages the temperature of all tires, then sends an alert if one tire's temperature is higher than the others. This helps catch problems early, including issues with wheels, axles and bearings.
- **Inertial sensing Technology:** A TLP exclusive: When TLP sensors send status signals at a reduced rate because they detect the RV is stationary. This helps catch slow leaks while extending battery life.

- **Widget:** Rectangular buttons with rounded corners commonly used on App screens and the Touchscreen.
- **Dually:** A vehicle that has 2 wheels on each side of an axle. Could be on a tow vehicle or a motorized RV.
- **LCD:** An acronym for Liquid Crystal Display – a display technology used by the TLP Touchscreen.

Components Overview

The TLP system includes the following components. Components vary by installation (full factory installation or "prepped" RV) and/or owner or dealer installed aftermarket kits.

Repeater Dock - Connects Repeater to a 12 Volt power source. Most commonly installed at the factory in a dry compartment or pass-thru. Also available in some aftermarket kits for DIY installation.

Repeater Dock Cover - Included by some manufacturers to protect the Dock from damage in prepped RVs. May be discarded after Repeater has been installed. Made from recyclable material.

Repeater - Receives signals from sensors then transmits information to the LCD Touchscreen, App or OneControl system. The Repeater stores all user preferences configured in the Touchscreen or App.

Internal Sensor - A sensor installed at the factory on the wheel rim opposite the valve stem. When its battery is depleted, Internal Sensors can be replaced only by RV wheel service centers using a compatible sensor. Owners may also substitute with a TLP-compatible stem sensor.

External Sensor - A sensor that mounts to a wheel's valve stem. May be installed at the factory or by the user when part of an aftermarket kit. May be added to Internal Sensor systems to replace provide coverage for tow vehicles and spare tires. Includes O-ring and lock-nut.

Charge cord - Enables charging of LCD Touchscreen (see next page). USB-B configuration. Custom 90-degree bend to help with cable management.

Mounting arm - Secures Monitor to surface such as a tow vehicle's dashboard. Suction cup base, ball and socket flexibility.

External Sensor tool - Used to tighten External Sensors on valve stem and to replace CR 1632 battery. Separates into two halves.

Lock-nut Wrench - Helps secure External Sensor lock-nut for theft deterrence.

Display Options

Information from the TLP system may be viewed on multiple devices simultaneously.

Fig. 1

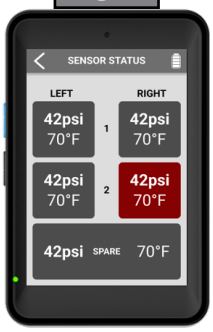


Fig. 1 - LCD Touchscreen

- Required for pairing Internal Sensors.
- Supports External Sensor Warning.
- Can be added to systems with External Sensors.
- Provides tire-by-tire details or system summary.
- Enables sensor settings and preferences.
- Includes light and dark modes with auto-dimming.
- Works in Bluetooth range of Repeater (35ft/12 meters).
- Provides audible alerts.

Fig. 2

Fig. 2 - Mobile App

- Required for External Sensor systems.
- Recommended addition for Internal Sensor systems.
- Provides tire-by-tire details or system summary.
- Enables sensor settings and preferences.
- Includes light and dark modes.
- Works in Bluetooth range of Repeater (35ft/12 meters).
- Provides remote monitoring with ConnectAnywhere™ 2.0.
- Enables access through Android Auto™ or Apple CarPlay®.

Fig. 3

Fig. 3 - Platinum Series™ Panel

- Provides access to tire status.
- Takes advantage of TLP's exclusive inertial sensing technology: when camping, sensors report less frequently, catching slow leaks before departure while extending battery life.
- Requires OneControl System on RV.
- Change settings on Monitor or App.

Fig. 4

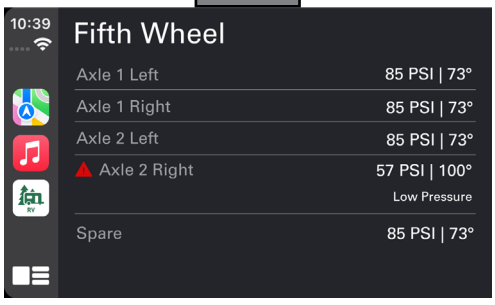


Fig. 4 - Android Auto/ Apple CarPlay

- Receive status through your tow vehicle's Android Auto or Apple CarPlay interface.
- Keeps dashboards free of clutter.
- Reduces dependency on phone while driving.
- Requires pairing TLP system with Mobile App.

Sensor and Monitor: Setup

This manual will guide you through system setup. Setup includes four steps:

1 Prep Trailer — 2 Pair Repeater — 3 Pair Sensors — 4 Set Preferences

Before Beginning

Prior to setup, plan your configuration. This enables you to take full advantage of the Touchscreen's convenient setup features. These include:

Presets

The TRAILER SETUP page offers Presets for Towable and Motorized RV configurations. Look for yours in the options below:

Fig. 5

Fig. 6

Fig. 7

Fig. 8

Fig. 9

Fig. 10

Custom

If you don't see your configuration in Presets, select the CUSTOM option. Use it to include tow or towed vehicles. The Touchscreen will help you select the total number of axles, tires per axle., and more.

- Allows you to add tow vehicles or other vehicles.
- Shows how many sensors you have remaining for a given configuration.
- Supports Dually axles.
- Up to 15 sensors per configuration.

NOTE: You may pair up to 44 total sensors across four configurations with up to five axles each. A single spare tire does not count as an axle.

Fig. 11

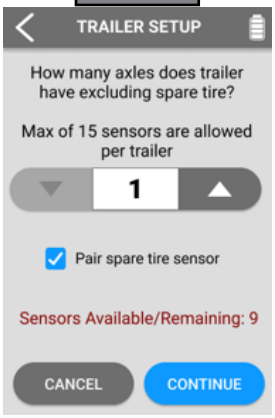
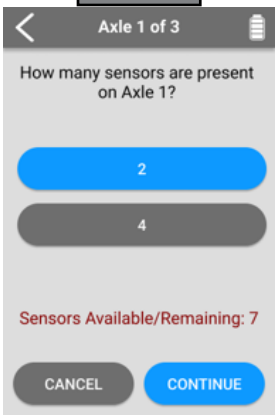


Fig. 12



Configuration Examples

Before setup, take a few minutes and design your configuration. The maximum number of sensors per configuration is 15. Common configurations include:

Towable RV (A): 2 Axles, 4 tires; 1 Spare (5 Total Sensors), Fig. 13

Fig. 13

Tow Vehicle (B): 2 axles, 4 tires; Towable RV (C): 2 Axles, 4 tires; 1 Spare (9 Total Sensors), Fig. 14

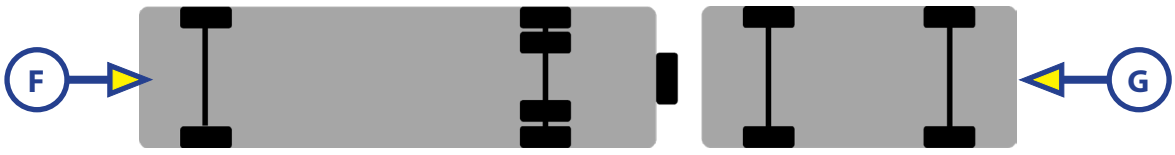
Fig. 14

Tow Vehicle (D): 2 axles, 6 tires; Towable RV (E): 3 Axles, 6 tires; 1 Spare (13 Total Sensors), Fig. 15

Fig. 15

Motorized RV (F): 2 axles, 6 tires; 1 Spare; Towed vehicle (G): 2 axles, 4 tires (11 Total Sensors), Fig. 16

Fig. 16



NOTE: if you travel with more than 1 spare, you can assign the last axle for spares, enabling you to monitor 2 spares.

Spares
You may add a spare tire during initial system setup or later.

NOTE: Some RV manufacturers include a spare tire sensor. Check your RV's manual to see if a spare tire sensor is included, and if it is internal or external.

Additional sensors
If additional sensors are needed to support tow vehicles, towed vehicles or spares, explore them here:

Get the app
Expand your coverage by downloading the app for your RV. It will sync automatically with the settings you enter into the LCD touchscreen. It will also allow TLP status to appear in your tow vehicle's Android Auto or Apple CarPlay system. Find your RV's app here:

Get Help

If you need assistance, this manual includes a troubleshooting section. If you are unable to resolve the issue, please contact our customer care center.

Lippert Customer Care Contact Information:

Hours: Monday- Friday 8AM – 5:30PM (ET)
Phone: 1-432-LIPPERT (547-7378):

NOTE: For after hours emergencies, press 1 to be connected to our emergency team.

Email: customerservice@lci1.com
Website: support.lci1.com

NOTE: Please have your RV's VIN ready – it will help the specialist process your inquiry.

1 Prep Trailer — 2 Pair Repeater — 3 Pair Sensors — 4 Set Preferences

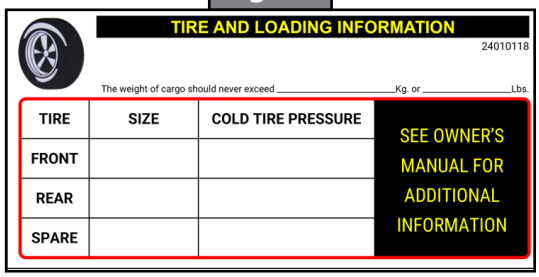
Prepare Your RV

Make sure the following are complete:

- ✓ The Touchscreen is fully charged
- ✓ You've watched the installation video
- ✓ You've planned your configuration
- ✓ You've obtained any additional sensors
- ✓ You've gathered the following:
  - Pen or pencil
  - Stool or something to kneel on
  - Flashlight
- ✓ Confirm tires meet the Cold Tire Pressure (CTP) rating. CTP enables the most accurate pressure reading. Ratings are found on a sticker near the front of the RV.

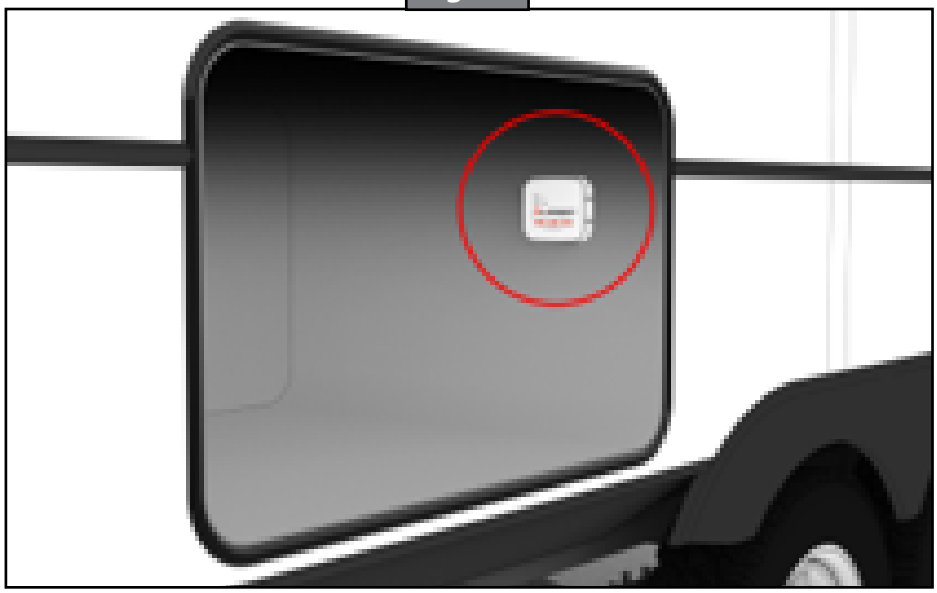
Scan the QR code to watch the installation video

Fig. 17



- ✓ Locate the Dock. It's typically mounted in a pass-thru near the front of the RV. If the Repeater has not been installed, snap it into the Dock. If the Dock came with a cover, remove it and snap in the Repeater.

Fig. 18



NOTE: When all the above are complete, you're ready to pair the Repeater.

System Setup - Pair Repeater

1 Prep Trailer — 2 Pair Repeater — 3 Pair Sensors — 4 Set Preferences

Power ON the RV

When powered ON, the Repeater's STATUS LED will blink. Blinking will continue for 5 seconds, then turn OFF. If you need to confirm power, press and release Pair Mode button. LED will illuminate briefly to confirm power.

Power ON Touchscreen

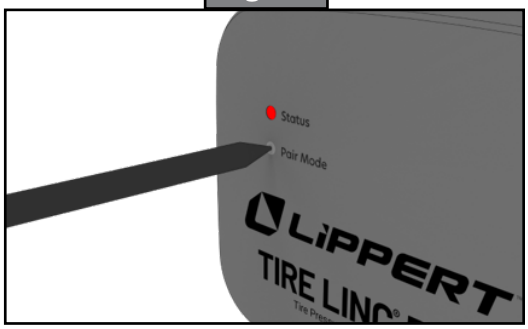
Turn Touchscreen ON by pressing and holding the power button on the left side until the screen turns ON. Confirm state-of –charge by looking for the icon in the upper right corner.

Fig. 19

Repeater: Pairing Mode

Using the tip of a pen, push and hold the PAIR MODE button for five seconds. Release when you see one long LED flash followed by two quick flashes. LED will blink rapidly after button release.

Fig. 20



NOTE: Pairing mode lasts for 60 seconds, after which the LED will turn OFF.

Touchscreen: Search Mode

To enable the Touchscreen to search for the Repeater, press the CONTINUE button. The Touchscreen will attempt to automatically pair with the Repeater."When paired, a success screen will appear. Press CONTINUE to advance to the next step.

Fig. 21

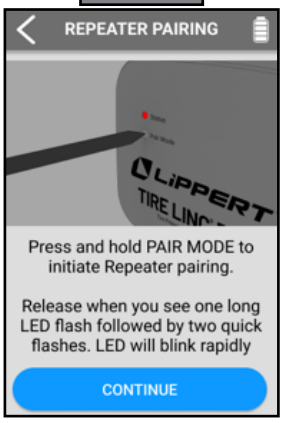


Fig. 22

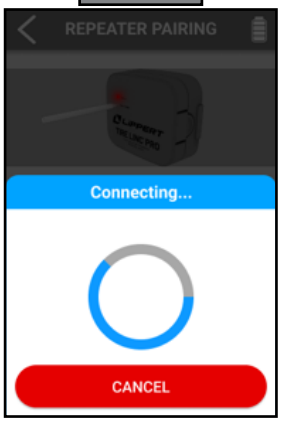


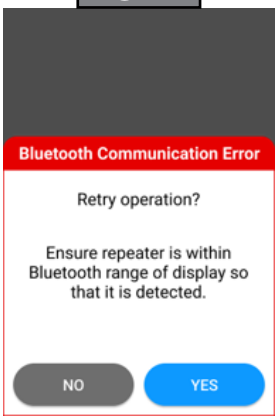
Fig. 23

Pressing CANCEL will return to the Repeater Pairing page.

Bluetooth Communication Error

This can occur if the Repeater and Touchscreen are out of Bluetooth range. Bluetooth range is typically 35ft/12M. It is reduced by obstructions such as walls, floors and frames.

Fig. 24



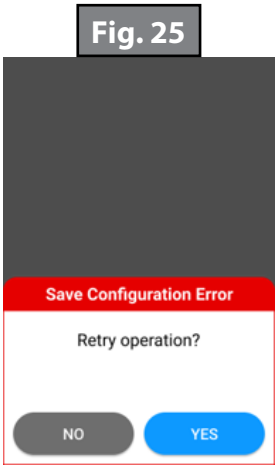
Solutions:

- ✓ Ensure Touchscreen and Repeater are near each other for the duration of pairing and setup.
- ✓ Ensure Repeater and Touchscreen are powered ON.
- ✓ Ensure Repeater has been put into pairing mode.

Save Configuration Error

This error occurs when the Touchscreen sends a trailer or sensor configuration to the Repeater, and the Repeater does not accept it.

Fig. 25



Solutions:

- ✓ Unpair the Repeater and power cycle the Touchscreen.
- ✓ If error persists, please contact the Customer Care Center.

NOTE: When ready, return to Pair Repeater:

System Setup - Pair Sensors

1 Prep Trailer — 2 Pair Repeater — 3 Pair Sensors — 4 Set Preferences

The Touchscreen provides on-screen sensor paring instructions.

1. Choose your trailer configuration from the Presets or create a custom one.

Fig. 26

Fig. 27

Fig. 28

Fig. 29

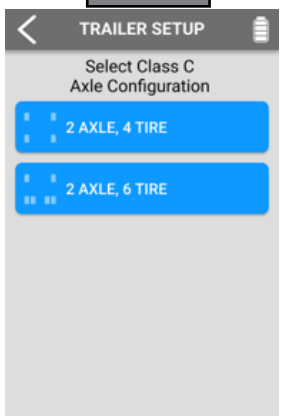
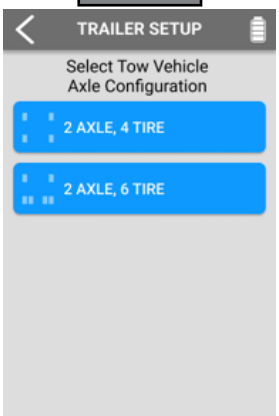


Fig. 30



2. For Presets and Custom, you will be asked if you want to add a spare.

Fig. 31

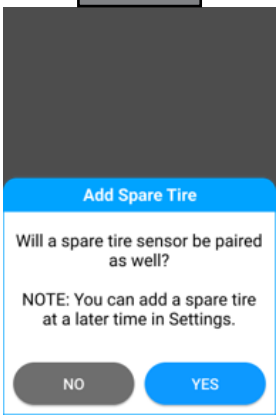
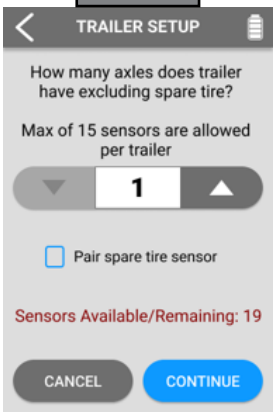


Fig. 32



- Presets include a pop-up page (far left).
- Custom provides a check-box (left).
- Spares can also be added later.

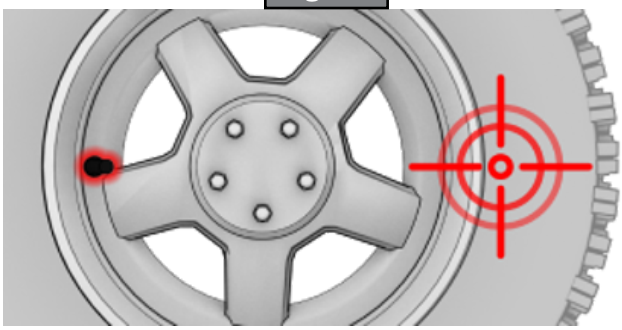
3. After creating your configuration, you will choose a sensor type:

Fig. 33

- For internal sensor systems, select INTERNAL and continue to the next page.
- Even if you select INTERNAL and follow the on-screen instructions, you may add External sensors later, such as for spares or replacements.
- For External sensors, select the EXTERNAL option and follow the on-screen instructions.

Locate Internal Sensors
They are mounted inside the tire on the wheel rim, opposite the valve stem. They are not visible.

Fig. 34



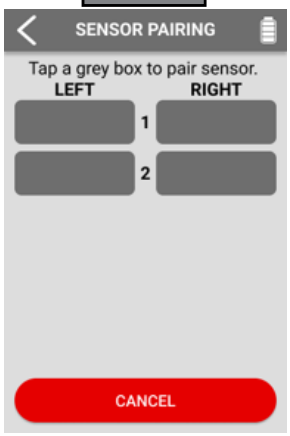
Begin Sensor Pairing.
After selecting a sensor type, the tire selector screen appears.

Tires in your configuration are represented by “widgets” – rectangular boxes with rounded corners. Each widget represents a tire in the configuration you selected.

NOTE: Widgets are used throughout TLP displays, as described on page 14.

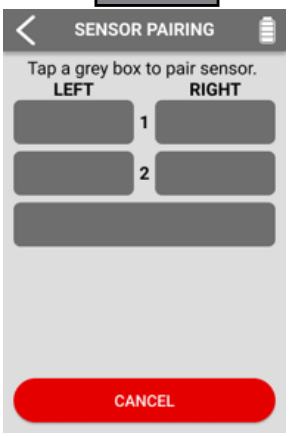
Tire Selector Screen examples:

Fig. 35



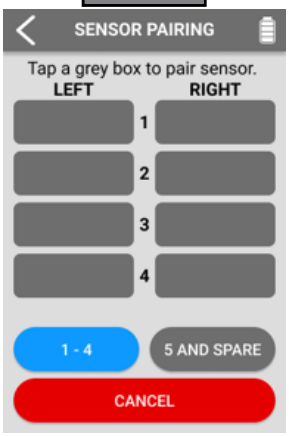
2 axle, 4 tire configuration

Fig. 36



2 axle, 4 tire configuration with spare tire

Fig. 37



Larger configurations require additional pages

To pair a sensor, tap its widget. An instruction screen will appear.

Fig. 38

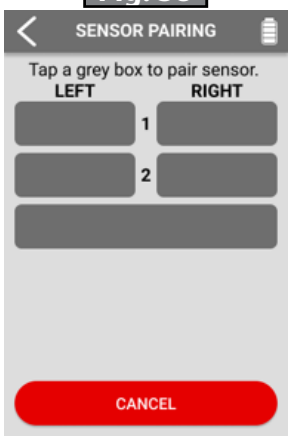
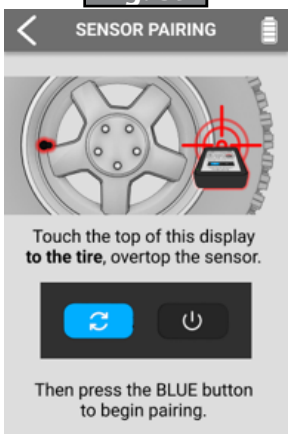


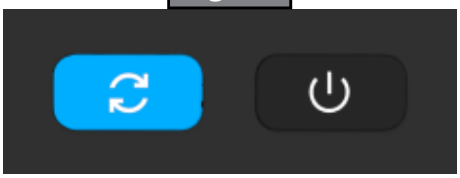
Fig. 39



Press the top of the Touchscreen to the tire overtop the sensor. Then press the BLUE pairing button on the side of the Touchscreen. Release when you hear a beep. The sensor is now in pairing mode.

Fig. 40

Fig. 41



Pairing may take up to 90 seconds. A success message will appear when complete. It disappears automatically, allowing you to proceed to the next sensor.

Fig. 42

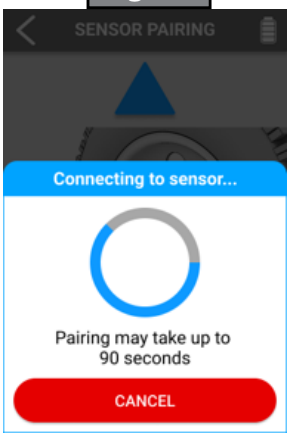
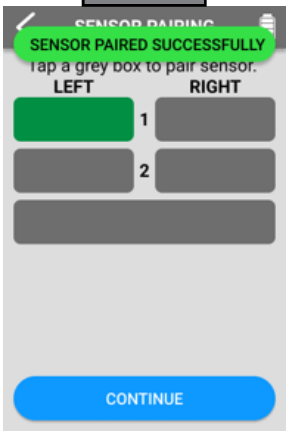


Fig. 43



Internal Sensor not found

The wheel rim may interfere with a sensor's signal. If you have trouble paring a sensor, repeat the process while moving the Touchscreen slightly up and down the side of the tire, no more than a few inches in either direction. Keep Touchscreen in contact with tire.

Fig. 44

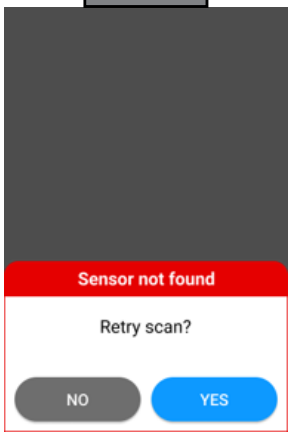
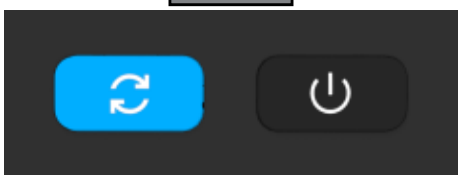


Fig. 45

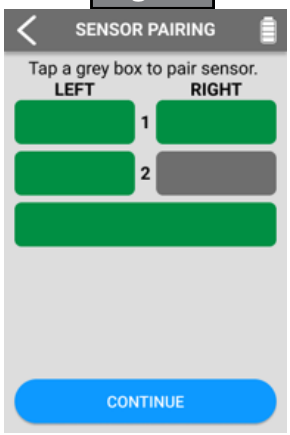
NOTE: To repeat the process, press the blue button to initiate pairing:

Fig. 46



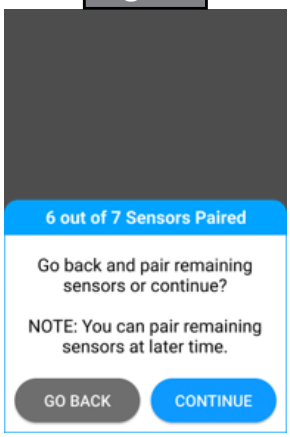
If you press CONTINUE before all sensors have been paired, the system will request confirmation. You may resume pairing sensors later. When complete, all widgets will be green.

Fig. 47



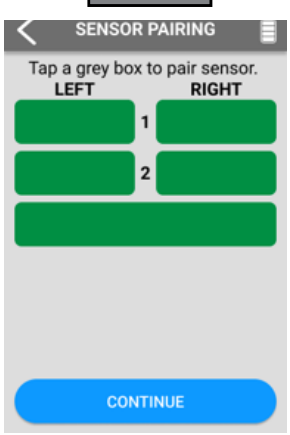
Sensor Pairing: Progress

Fig. 48



Confirmation Screen

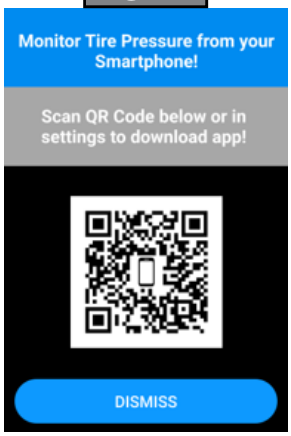
Fig. 49



All sensors paired

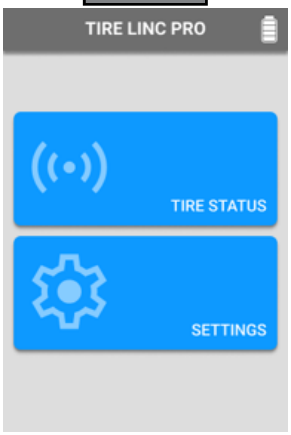
Pressing CONTINUE will open a page with a QR code to download the App for your RV. If you already have your RV's App, you may access TLP by pairing the Repeater through the App's Add & Explore function. DISMISS will take you to the Touchscreen's HOME page.

Fig. 50



Access to RV Apps

Fig. 51



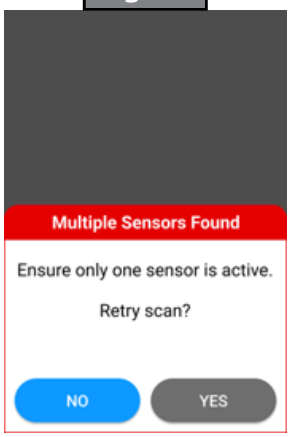
TLP HOME Page

Troubleshooting - Pair Sensor

Sensor Pairing Error

Appears when multiple sensors are found. Most likely to occur in locations where more than one person may be setting up a system.

Fig. 52



Solutions:

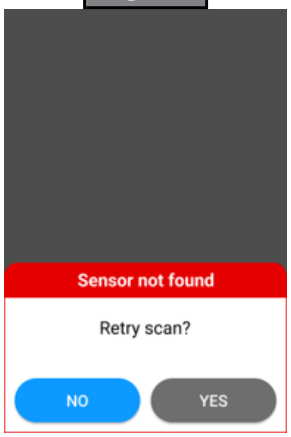
- ✓ Ensure you are only pairing with one sensor.
- ✓ Ensure no one else is attempting to pair a system within range (approx. 35 ft/12M).
- ✓ Keep sensors apart. For Internal sensors, ensure wheels are rotated to keep sensors from being too close together.

NOTE: The Repeater terminates pairing after 2 minutes.

Sensor Not Found

Appears when the Repeater times out, the sensor doesn't wake up, woke up late or has a depleted battery. For Internal sensors, it could appear when the signal from Touchscreen is not strong or sustained enough to wake them up.

Fig. 53



Solutions:

- ✓ Repeat sensor pairing process.
- ✓ For Internal sensors, move the Touchscreen slightly up and down while touching the tire. Avoid contact between the Touchscreen and wheel rim. Ensure BLUE button has been pressed.
- ✓ If issues persist, please contact the Care Center.

NOTE: When ready, return to the Pair Sensors workflow.

System Setup - Set Preferences

1 Prep Trailer — 2 Pair Repeater — 3 Pair Sensors — 4 Set Preferences

After Sensors are paired, you may set adjust default thresholds and other variables. From the Touchscreen's HOME page, tap SETTINGS. This provides access to 6 options:

Fig. 54

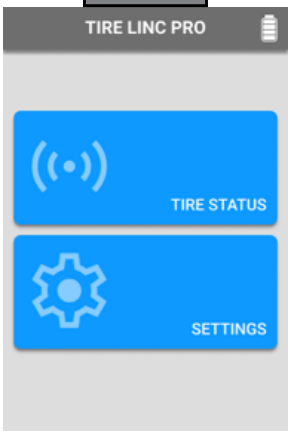
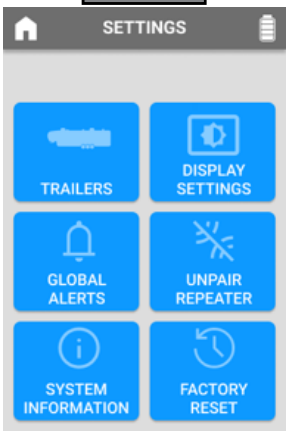


Fig. 55

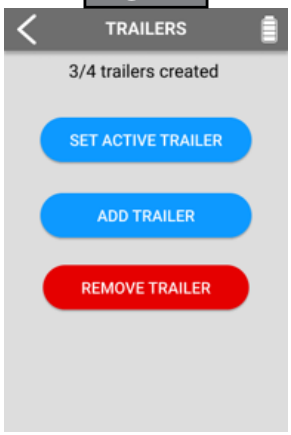


NOTE: You may access the HOME page by pressing the icon in the upper right.

Trailers

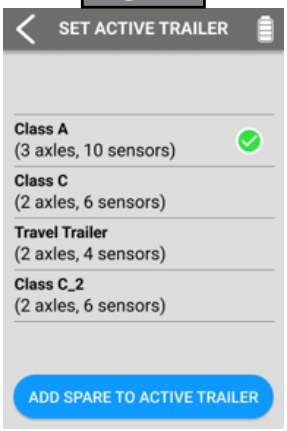
This section allows you to choose an active Trailer configuration, add or delete a configuration and add a spare tire (if you choose to add one later).

Fig. 56



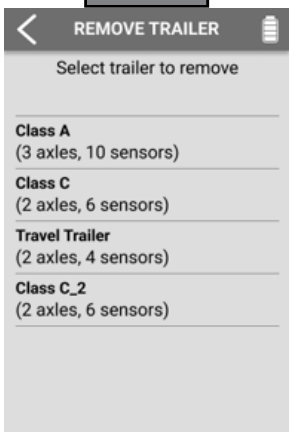
Trailer Home Page

Fig. 57



Active Trailer

Fig. 58



Remove Trailer

Fig. 59

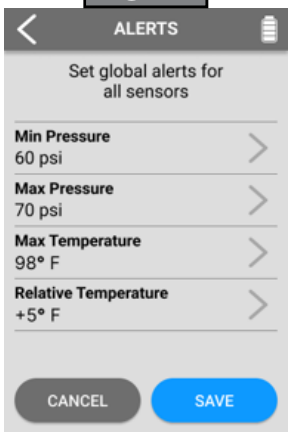
Confirmation

NOTE: If you only have one trailer configuration, it will automatically be the active trailer.

Global Alerts

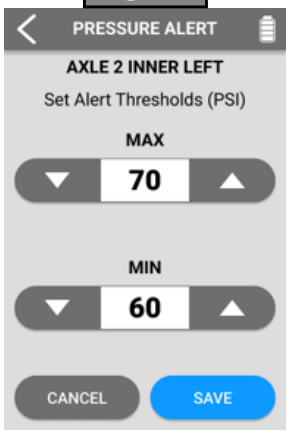
The system allows you to set alert thresholds once, then apply to all sensors. Select your preference then tap SAVE.

Fig. 60



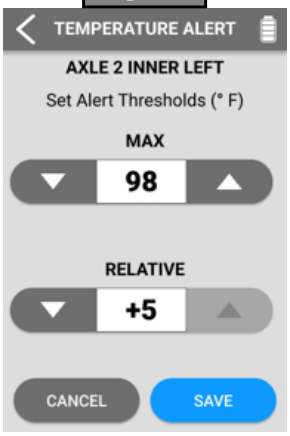
Global Alerts Home Page

Fig. 61



Pressure Thresholds

Fig. 62



Temperature Thresholds

NOTE: Relative Temperature Monitoring automatically averages the temperature of all tires, then sends an alert if one tire's temperature is higher than the others. This helps catch issues early, including issues with wheels, axles and bearings.

System Information

This section may assist with service. It identifies each component in your system with a part number, including sensors.

Fig. 63

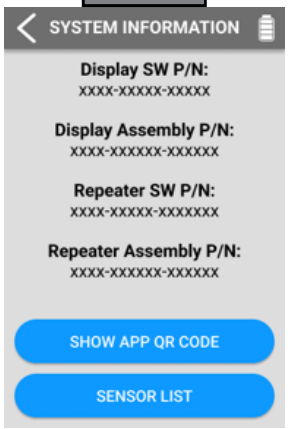
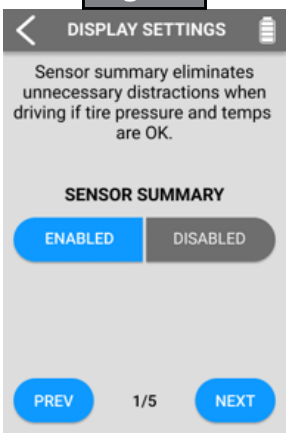


Fig. 64

Display Settings

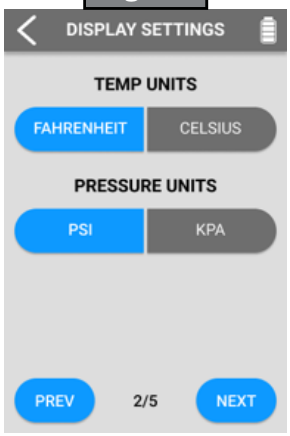
The system allows you to customize information, units, theme and more.

Fig. 65



Choose how much information you receive.

Fig. 66

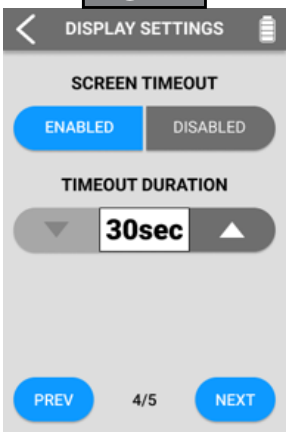


Choose temperature and pressure units

Fig. 67

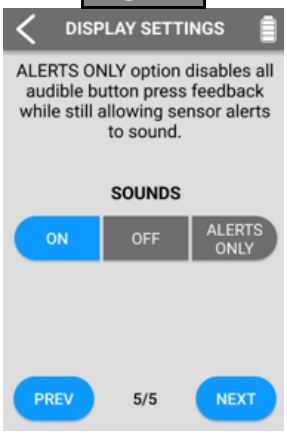
Select theme and enable auto-dimming

Fig. 68



Select screen timeout

Fig. 69



Enable audible alerts

Repeater Options

- Unpair Repeater: This allows you to replace a Repeater with a new one.
- Factory Reset: This returns the Repeater to default settings. Use this if preparing the RV for resale

Fig. 70

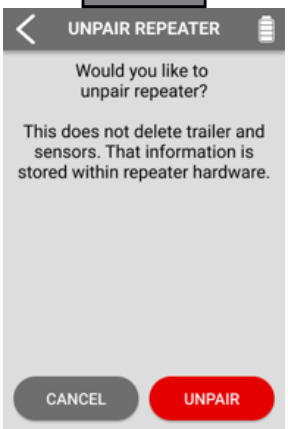


Fig. 71

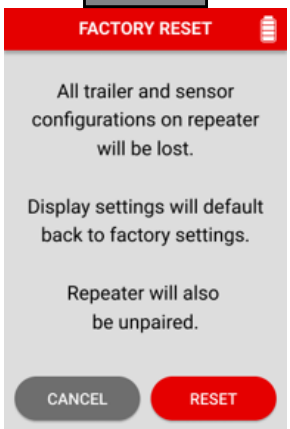
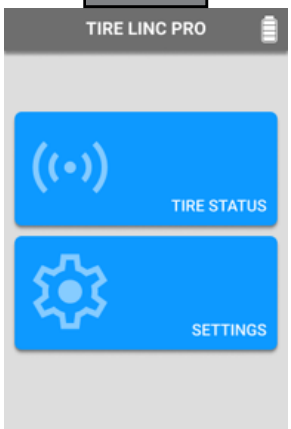


Fig. 72



- When setup is complete, you will arrive at the Touchscreen's HOME page.
- Use the HOME page to access tire status and system settings.
- They are described in the next section of this document.

Operation

Everyday Use

The Touchscreen offers 2 options: SUMMARY and DETAILS. SUMMARY provides a system-level status report. DETAILS provides tire-by-tire status. Examples include:

Fig. 73

Fig. 74

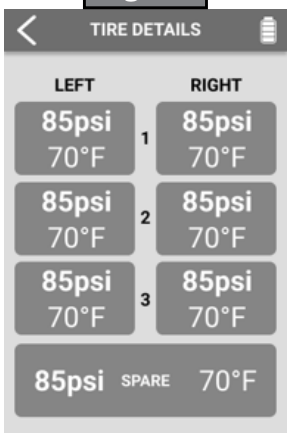
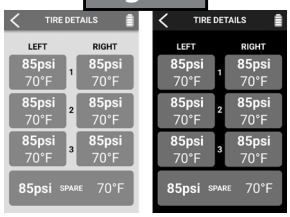


Fig. 75



NOTE: Pressing the DETAILS button on the SUMMARY page opens the DETAILS page.

NOTE: In DETAILS, a grey widget indicates a tire is within thresholds.

Status: Select View

To view status, open the HOME page. To set your preferred view, tap SETTINGS then tap DISPLAY SETTINGS. By default, SUMMARY is enabled. To make DETAILS the default view press DISABLED. Return to the HOME page and press TIRE STATUS to view.

Fig. 76

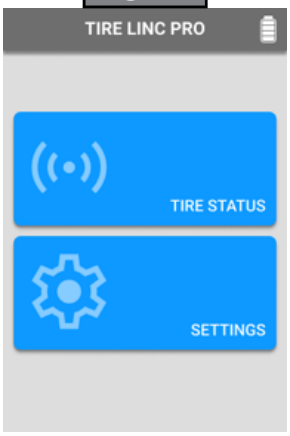


Fig. 77

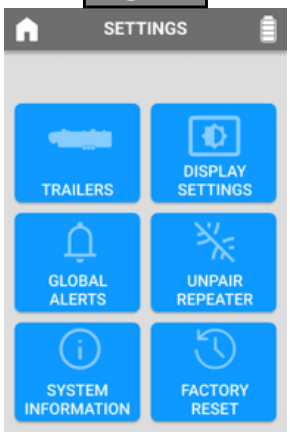
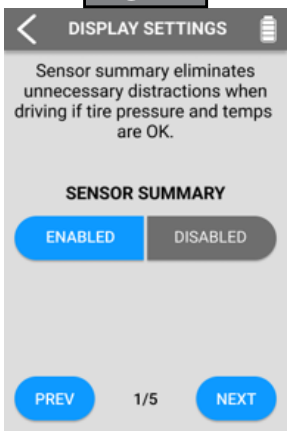


Fig. 78



System Status: LCD Touchscreen LED

Depending on system status, the LCD Touchscreen's LED will change color. Green indicates system operating within specifications. RED indicates a fault. Changes in status will be accompanied by an audible beep. LED remains ON when screen is sleeping and system is ON.

Summary Page: Tire Alerts
When SUMMARY is selected, the page will display an "All Tires OK" message when the following is true:

Fig. 79

- ✓ All tires are operating within user defined thresholds.
- ✓ All sensors selected to be part of a trailer configuration are paired.
- ✓ All sensors are in communication with the Repeater.
- ✓ All sensors have adequate battery levels.

NOTE: Pressing the DETAILS button on SUMMARY opens the DETAILS page.

Summary Page: Sensor Alerts
The System sends alerts related to sensors, including signal and battery for the active trailer.

TIRE SIGNAL is enriched by TLP's exclusive Inertial Sensing Technology (IST). IST detects when the tire is rotating and when it is not rotating. This enables users to receive alerts while camping (in the event a tire picks up a slow leak) without excessive battery usage.

Fig. 80

A SIGNAL LOST alert will appear if:

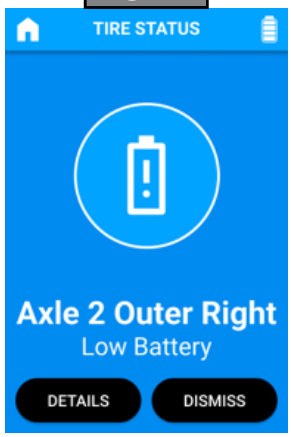
- ✓ A sensor detected as rotating is missing for 10min.
- ✓ A sensor detected as not rotating is missing for 45min.

For troubleshooting a Lost Sensor, see page 25 of this manual.

Summary Page: Battery Alerts

When the system detects a low sensor battery level, it will provide an alert:

Fig. 81



Alert is triggered when external or internal sensors batteries fall under 5% capacity.

External sensor battery may be replaced with CR-1632 battery. Internal sensor battery is not serviceable.

Sensor will reconnect to system automatically after battery change.

See page 30 of this manual for battery replacement instructions.

Summary Page: Tire Alerts

The System sends alerts when a tire exceeds user-defined thresholds set for pressure, temperature and relative temperature.

Fig. 82

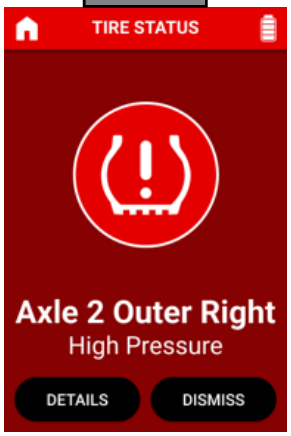


Fig. 83

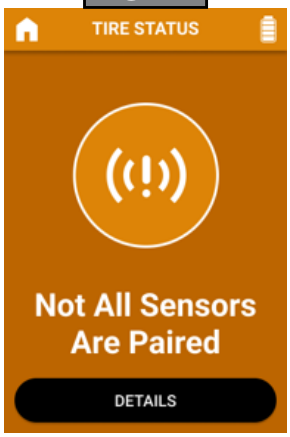
Fig. 84

NOTE: Address pressure, temperature and relative temperature alerts as soon as safely possible.

Summary Page: Pairing Alert

If you exit sensor pairing prior to pairing all sensors in a configuration, SUMMARY will provide an alert.

Fig. 85



The alert is triggered when the sensor pairing process was exited prior to all sensors being paired.

Even if a sensor was not paired, you may use the system with paired sensors.

NOTE: To resume sensor pairing, see page 12 of this manual.

NOTE: Pressing the DETAILS button on SUMMARY opens the DETAILS page.

Multiple Notifications

If the system detects multiple faults, SUMMARY will provide an alert. Pressing the DETAILS button on SUMMARY opens the DETAILS page where you can view individual fault sources and types.

Pressing the DISMISS button will present an Dismiss Alert Notification. If you press YES, SUMMARY will confirm with a DISMISSED screen.

Fig. 86

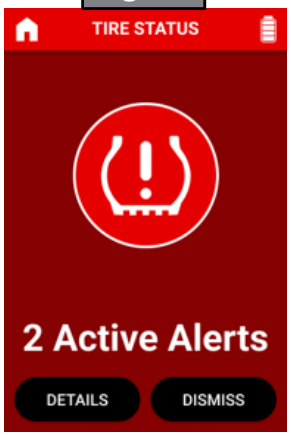


Fig. 87

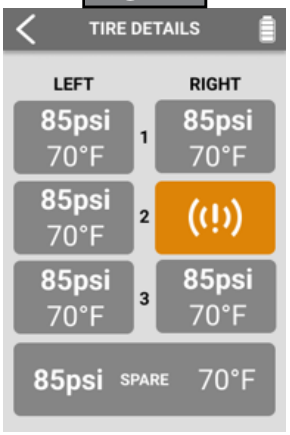
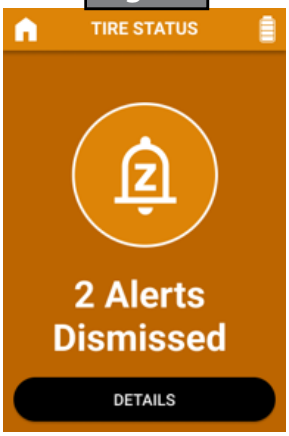


Fig. 88

Fig. 89



NOTE: The Alerts Notification page on SUMMARY will clear if the fault is resolved.

Tire Details

The TIRE DETAILS page provides a view of each paired sensor and its status. Alerts and colors shown on are consistent with the TIRE SUMMARY page.

NOTE: In most cases, the graphic in the sensor widget will cycle between an icon and a reading.

Fig. 90

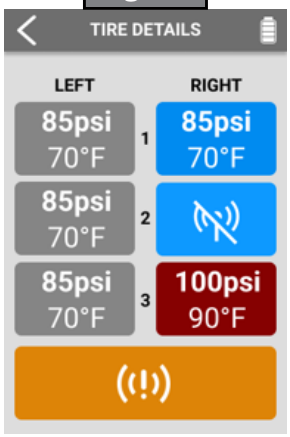
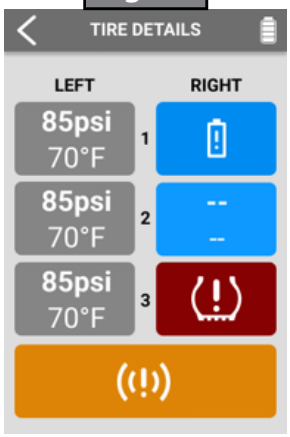


Fig. 91



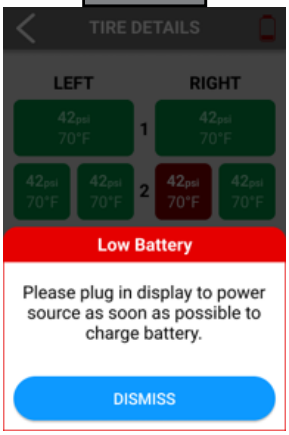
- ✓ Battery Level alerts will cycle between tire status and a battery icon.
- ✓ Signal Lost alerts will cycle between an icon and dashes.
- ✓ Pressure, temperature alerts will cycle between an icon and status.

NOTE: An Unpaired Sensor alert will not cycle. It will remain an icon.

Touchscreen: Low Battery

If the Touchscreen's battery level drops below 25%, a half-page alert will surface.

Fig. 92

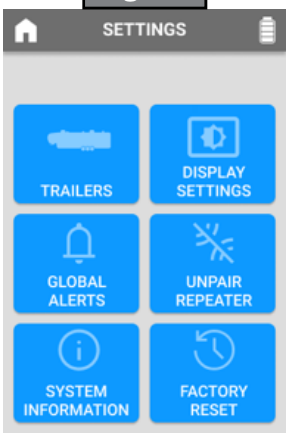


- ✓ Plug in Touchscreen as soon as possible to enable uninterrupted usage.
- ✓ Charging the Touchscreen from this point to 100% will require approximately 4 hours.
- ✓ The Touchscreen battery is not serviceable. Keeping it at a high state of charge is advisable for long term battery health.

Changing Sensor Settings

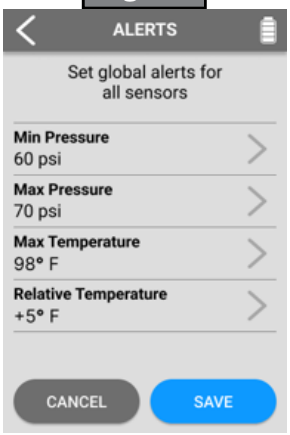
You may change sensor settings from two places: The GLOBAL ALERTS page available in SYSTEM SETTINGS or by tapping the tire's widget on the TIRE DETAILS page.

Fig. 93



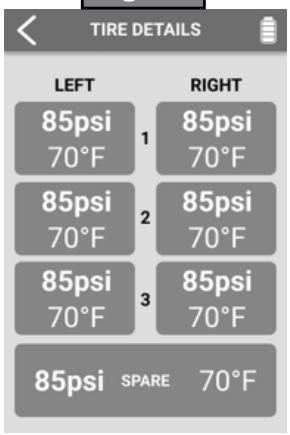
System Settings

Fig. 94



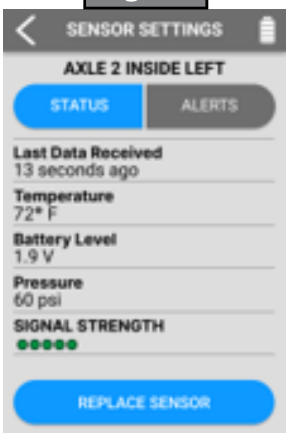
Global Alerts

Fig. 95



Tire Details

Fig. 96



Sensor Settings

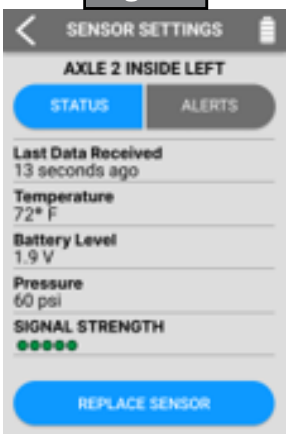
Global Alerts

If you wish to change all sensor settings at the same time on an active trailer, use Global Alerts see Fig. 97.

Sensor Settings: Sensor Status

If you wish to change settings on a specific sensor, replace a sensor or require information about a sensor, use Sensor Settings. The Sensor Settings page includes two sections: Status and Alerts. Status includes:

Fig. 97

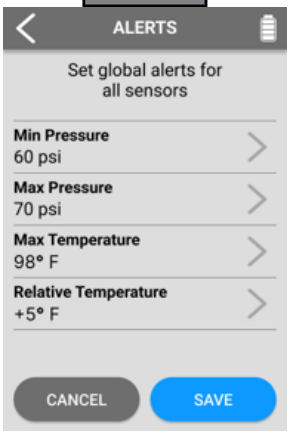


- ✓ Sensor name and location.
- ✓ Time of last data received
- ✓ Last tire temperature and pressure received.
- ✓ Battery level.
- ✓ Sensor signal strength (Excellent, Good, Weak, No Signal)

NOTE: REPLACE SENSOR enables you to replace a damaged or lost sensor, or substitute an external sensor for an internal sensor with a depleted battery. For replacement instructions, please see page 25.

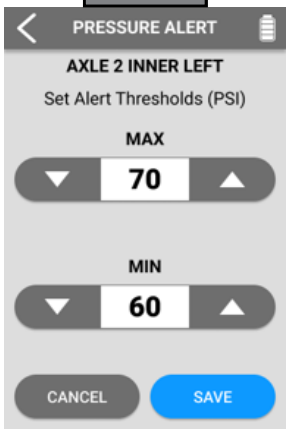
Sensor Settings: Sensor Alerts
Use Sensor Alerts to change thresholds for each sensor individually.

Fig. 98



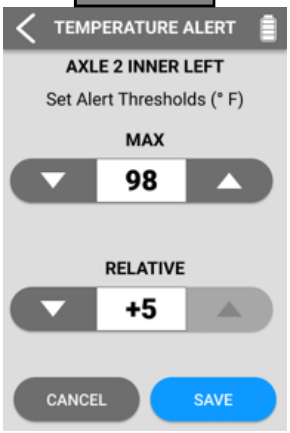
Sensor Alerts

Fig. 99



Pressure Settings

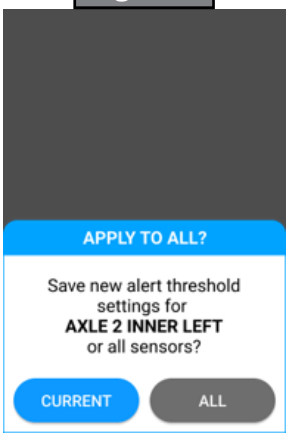
Fig. 100



Temperature Settings

After changing a threshold, you will be asked if you want to apply to all sensors:

Fig. 101



✓ If you press ALL, these settings will become the System's Global Alert thresholds for the active trailer.

Replacing a Sensor
If a sensor is lost, damaged or the battery is depleted, it can be replaced.

Internal Sensors
When the battery is depleted, it cannot be changed. If you wish to replace an Internal Sensor with another Internal Sensor, contact your RV dealer. They will need to replace it with a TLP compatible sensor, then you will need to pair it to your system. You may also replace the Internal Sensor with an External Sensor.

External Sensors
For External Sensors, follow the instructions in the App.
Additional external sensors are available here:

Sensor Replacement
Go to the DETAILS page and tap the sensor's widget. Tap the REPLACE SENSOR button. The system will ask you to confirm your request then select sensor type.

NOTE: Replacing a sensor will overwrite the existing sensor and keep the settings

Tire Rotation
Rotating tires is similar to replacing a sensor. But instead of replacing a sensor with a new sensor, rotation requires moving a sensor to a new position.

Before You Begin
Plan your rotation by writing down the old and new tire locations. For internal sensors, it's helpful to mark the tire with old and new locations. Then follow the steps below:

Open the TIRE DETAILS page and tap the widget of the sensor you wish to move (Fig. 102). Tap REPLACE SENSOR, then confirm (Fig. 104). Follow the instructions on the Touchscreen.

Fig. 102

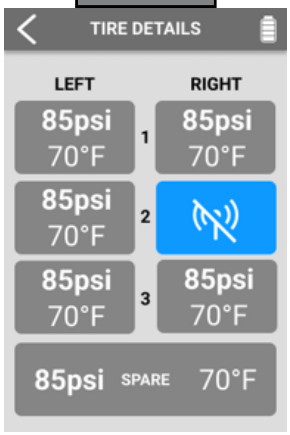


Fig. 103

Fig. 104

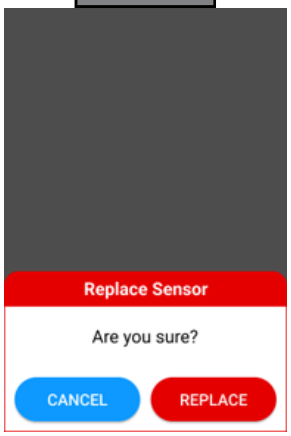
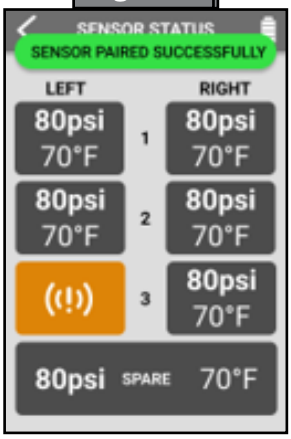


Fig. 105

NOTE: Then follow the instructions for Pair Sensors on page 12 of this manual:

Pairing may take up to 90 seconds. A success message will appear when complete. It disappears automatically, allowing you to proceed to the next sensor.

Fig. 106



- After a sensor is reassigned, its former position will show a "Sensor Not Found" alert.
- This position now has no sensor assigned to it.
- You may press its widget to pair a sensor from another tire in your rotation configuration.

Continue until all sensor positions have been updated.

NOTE: When an existing sensor is moved to a new position, it maintains the settings of the sensor it replaces.

NOTE: Internal Sensors, can only be put into pairing mode by the Touchscreen.

External Sensors

If you added an External Sensor to your system, the Touchscreen can be used to pair it.

Touch the bottom of the Touchscreen to the top of the External Sensor. Then press the BLUE pairing button on the side of the Touchscreen, releasing when you hear a beep. This puts the External Sensor into pairing mode. Then follow the on-screen instructions for sensor pairing.

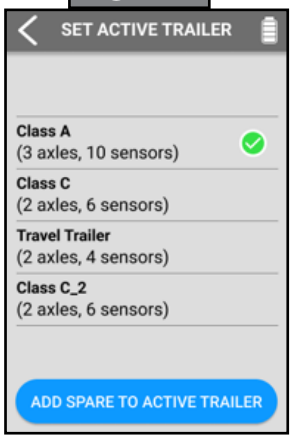
Fig. 107

NOTE: External sensors can also be put into pairing mode by using the App.

Adding a Spare Tire

If you chose to add a spare tire later, you may do so from the Set Active Trailer page. Tap the button and follow the instructions on the screen.

Fig. 120



SET ACTIVE TRAILER Page with ADD SPARE

External Sensors: Battery replacement

⚠WARNING

- **Do not ingest the battery contained within the remote control supplied with the unit as this battery represents a chemical burn hazard.**
- **This product contains a coin/button cell battery.**
- **If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.**
- **Keep new and used batteries away from children.**
- **If the battery compartment does not close securely, stop using the product and keep it away from children.**
- **If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.**

Upon receiving a Low Battery notification, it is important to change the battery as soon as you can. Lithium-Ion batteries deplete rapidly after low voltage is detected.

Fig. 121

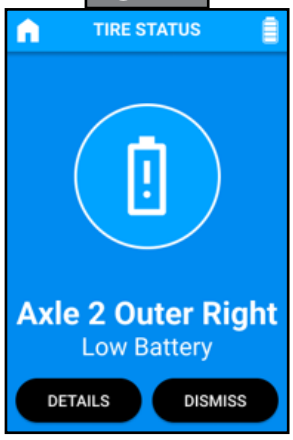
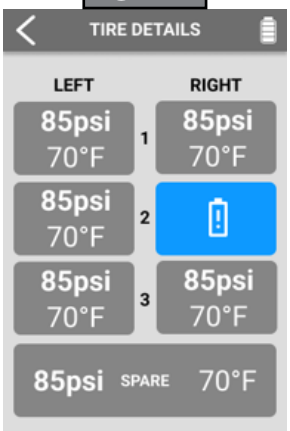


Fig. 122



To change the battery on an External sensor, locate the Stem Sensor Tool. Using your fingernails, pry it into two pieces (Fig.123A). Use one to secure the bottom of the sensor (Fig. 123B) and the other to turn and remove the cap (Fig. 123C) Unscrew the cap that holds the battery in place (fig. 124A). Replace the battery (Fig.124B) and use the tool to tighten the cap on the sensor (Fig. 124C). Replace the sensor making sure the lock-nut is in place.

Fig. 123

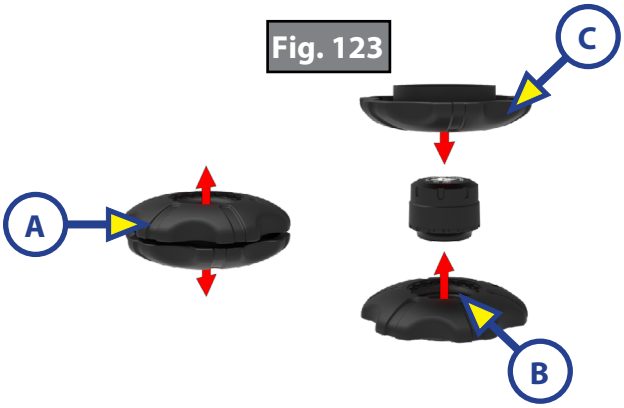
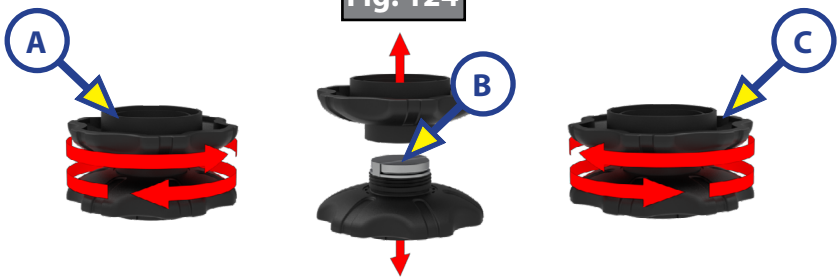


Fig. 124



NOTE: External Sensor Battery: CR 1632

Syncing With Your RV

If your RV was built after June, 2025 and includes a OneControl® System and a Platinum Series™ Panel, you will be able to view tire status and receive notifications.

Fig. 125

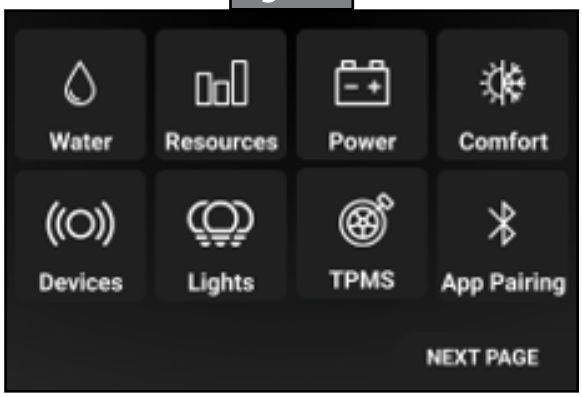


Fig. 126

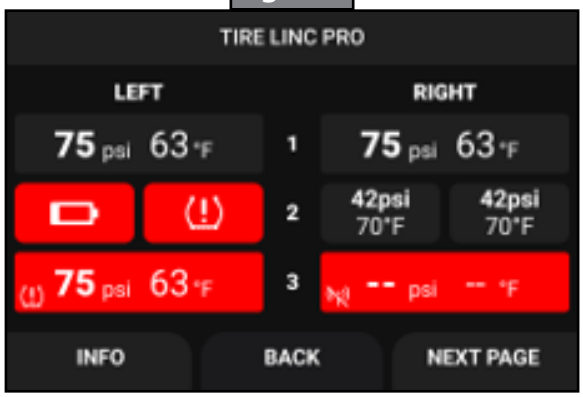


Fig. 127

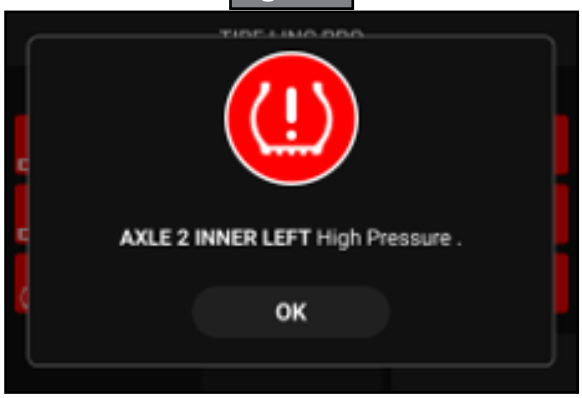
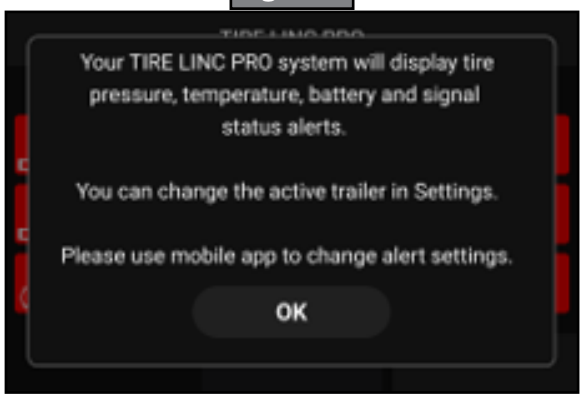


Fig. 128



Syncing with your RV takes advantage of TLP's Inertial Sensing Technology (IST). When the system detects a lack of tire rotation for more than XX minutes, IST maintains signals from sensors to the Repeater at a reduced rate.

This extends sensor battery life while alerting you to slow leaks that may have developed as a result of tire piercing, valve stem failure, poor tire condition or more.

NOTE: The OneControl system will detect the Repeater automatically and display the TPMS widget on the Platinum Panel's HOME page.

NOTE: The Platinum Panel displays status and alerts only. Adjustments to settings must be performed in the App or Touchscreen.

Syncing with the App

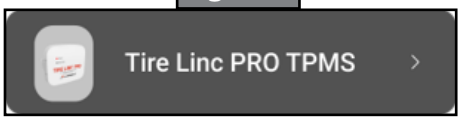
After setting up your internal sensor system with the Touchscreen, you can sync with the App. The App also allows you to display TLP information on Android Auto and Apple CarPlay.

App previously downloaded

If you already use an App to control your RV, you can use it to access TLP.

On the App's HOME page, tap the "+" in the header. It will take you to the Add & Explore page.
Scroll down to the Tire Linc PRO cell and tap the arrow. Follow the instructions to connect to your Repeater, which stores your settings. Settings made with the Touchscreen will import automatically. After pairing, you can find TLP on the App's HOME page.

Fig. 132



Download the App

To find the right App, scan the code below. It will take you to a webpage that will get you to the right App for your RV brand:

Remote Monitoring

If your RV is equipped with ConnectAnywhere™ 2.0 you may monitor your TLP system remotely, along with other RV systems. More information is available in the ConnectAnywhere 2.0 manual supplied with your RV.

H-rated Tires

Some RV manufacturers install commercial grade or H-Rated tires. The construction of these tires may reduce the strength of signals broadcast by Internal sensors. If the Repeater is mounted too far from the sensors, it may be unable to detect weakened signals.

As a result, a sensor detected while pairing may show up as missing during regular use:

Fig. 133

Solutions

There are two ways to address this issue:

Switch to an External Sensor

In some cases, it may be too difficult to maintain a connection between the internal sensor and the Repeater. This may be caused by the location of the tire, location of the Repeater, tire construction and obstructions such as frames, walls and flooring.

An option is to switch the tire to an external sensor. The process of switching is the same as replacing an Internal sensor with an External sensor when an Internal sensor's battery is depleted. See page 25 of this manual for more information.

NOTE: When switching from an Internal to External sensor, it is not necessary to remove the Internal sensor. If previously paired, the process of replacing the sensor will overwrite it.

Install a Signal Booster

Another option is to install a signal booster. The TLP Booster intercepts and retransmits the sensor's signal to the Repeater, helping overcome proximity and obstructions. Learn more here:

Configuration Examples

The Touchscreen supports multiple trailer and tow vehicle options.

RV: 2 Axles, 4 Tires

Fig. 136

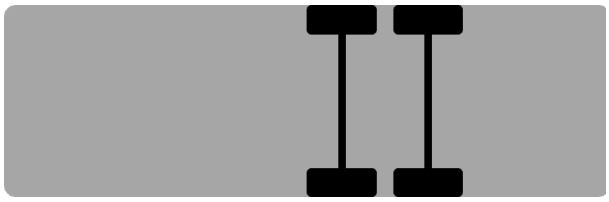
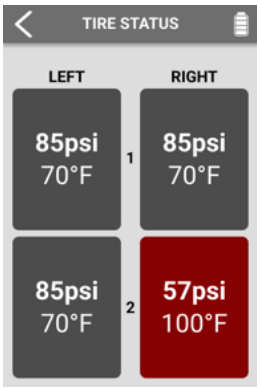


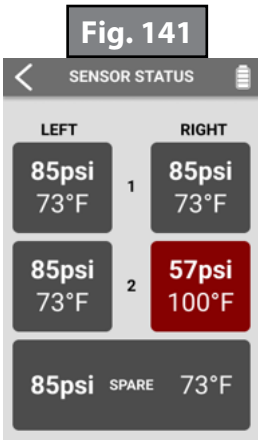
Fig. 137



RV: 2 Axles, 4 Tires 1 Spare

Fig. 140

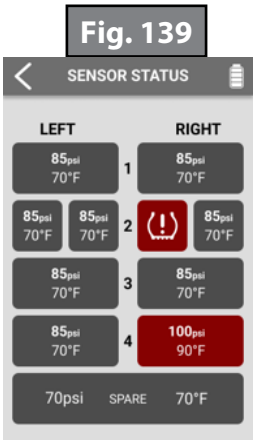
Fig. 141



Tow Vehicle: 2 Axles, 6 tires; RV: 2 Axles, 4 Tires, 1 Spare

Fig. 138

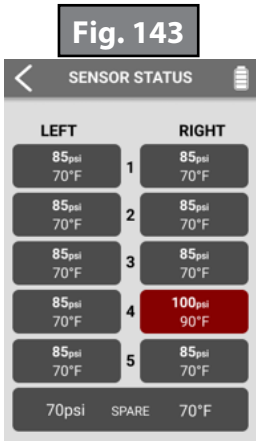
Fig. 139



RV: 3 Axles, 6 tires, 1 Spare; Towed Vehicle: 2 Axles, 2 Tires

Fig. 142

Fig. 143



Notes

Please recycle all obsolete materials.

For all concerns or questions, please contact Lippert
Ph: 432-LIPPERT (432-547-7378) | Web: lippert.com | Email: customerservice@lci1.com