



FOBO TIRE 2

User Manual
Version 1.6

(For iOS 12 and Android 5.0 or later)

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1 Introduction

FOBO TIRE 2 is a SMART Tire Pressure Monitoring System (TPMS) for 4 wheelers. FOBO TIRE 2 can monitor up to 800kPa (116psi). With its patented technologies, it provides the following features/functions:

- View on demand tire pressure & temperature
- Monitors tire pressure in real time while driving or when in Bluetooth range
- Detects slow or fast leak and alerts users to anomalies.
- Sends instant alerts on a smartphone/smart watch.
- Easy to install without running wires, drilling holes, and tedious programming.

It is the world's most advanced Tire Pressure Monitoring System (TPMS) using Bluetooth 5.0 (sensors) technology to monitor your car tire pressure and temperature. Bluetooth Smart is a very low power wireless technology that could operate on a single coin cell battery for up to 1 year (**NOTE:** Battery life may vary according to usage and climatic temperature. Operating under extreme cold may drastically reduce battery life.)

Please ensure that your smartphone has Bluetooth 4.0 or above capability in order to use FOBO TIRE 2. Currently FOBO TIRE 2 works best with iOS 12 and Android 5.0 or later.

Before starting to use FOBO TIRE 2, please download the free FOBO Tire 2 App to your smartphone from Google Play Store or Apple AppStore.

FOBO TIRE 2 is a product designed and produced by Salutica Allied Solutions Sdn. Bhd. ("Salutica"), a Malaysian company with its address at No. 3, Jalan Zarib 6, Kawasan Perindustrian Zarib, 31500 Lahat, Ipoh, Perak, Malaysia.

2 About FOBO TIRE 2

FOBO TIRE 2 monitors your car tires non-stop around the clock. Most drivers have encountered situations where they need to rush for an urgent Appointment only to be stranded by a flat tire. Conventional Tire Pressure Monitoring Systems (TPMS) could not alert you in advance because it stops operating as soon as the car ignition is switched-off. With FOBO TIRE 2, you will get an alert as soon as the tire pressure drops below a certain pre-set level, even when the car ignition is switched off as long as you are within Bluetooth range (~30m). This alert gives you time to get the flat tire fixed before you need to use it.

FOBO TIRE 2 can monitor up to 19 vehicles concurrent monitoring in background and unlimited in foreground on each smartphone. You can receive data from the tire pressure

sensors from all your cars without switching on the ignition. FOBO Tire 2 allows you to monitor your car tires conveniently any time you want.

NOTE: Under certain conditions the signals from FOBO TIRE 2 sensors may be blocked by surrounding objects or structures. If this occurs, please move around the vehicle in order to capture signals from all the tire sensors.

If you are sharing your car with family members or friends, you can allow others to use access your FOBO TIRE 2 sensors through the FoboShare function. After adding them through FoboShare, family members or friends using your car will receive alerts and data from your FOBO TIRE 2 on their own smart phone immediately.

FOBO TIRE 2 consists of 4 tire sensors and 1 In-Car unit. Replace your tire valve caps with the sensors and place the In-Car unit inside the car. The sensors will measure tire pressure of each tire and transmit via Bluetooth to the In-Car unit and your smartphone. In case of any problem, the In-Car unit will produce alert sound to notify you a problem and an alert will also pop up on your smartphone if it is within Bluetooth range. The In-Car unit also comes with LEDs to show position of the problematic tire.

FOBO TIRE 2 system requires a smartphone and App for installation. In addition to being able to view information regarding your car tire pressure and temperature, the FOBO Tire 2 smartphone App will also produce an alert when your tire has a problem.

DISCLAIMER: FOBO TIRE 2 IS NOT A DEVICE THAT PREVENTS ACCIDENTS. IT IS ALSO NOT A DEVICE THAT PREVENTS TIRES FROM BECOMING DEFLATED OR OVERINFLATED. FOBO TIRE 2 IS NOT A SUBSTITUTE FOR SAFE TIRE MAINTENANCE PRACTICES. PLEASE CONTINUE TO TAKE PRECAUTIONARY MEASURES WHILE DRIVING AND TAKE FULL RESPONSIBILITY OF YOUR VEHICLE'S TIRE CONDITION TO ENSURE SAFETY WHILE DRIVING. YOU SHOULD CONTINUE TO PRACTICE PROPER TIRE CARE AND SCHEDULED TIRE MAINTENANCE.

3 Importance of tire care

It is extremely important to ensure car tires are properly inflated for safety while driving. However, many drivers tend to neglect proper tire care and maintenance. The car tires are the only contact points between the car and the road. The weight of the car and passengers are supported by the air pressure inside the tires. Improperly inflated car tires may cause serious accidents on the road.

When tires are underinflated, the additional rolling resistance may cause buildup of heat which may lead to the de-lamination of the tire materials as well as damage to the tire's sidewall thus increasing the chances of a tire blow-out. Underinflated tires will also cause accelerated wear on the tire shoulders thereby causing uneven tire wear. Gas mileage will also be affected due to additional rolling resistance when driving with underinflated tires.

You would also experience a significant loss of steering precision and cornering stability. Significantly under-inflated tires will also be less effective in resisting hydroplaning.

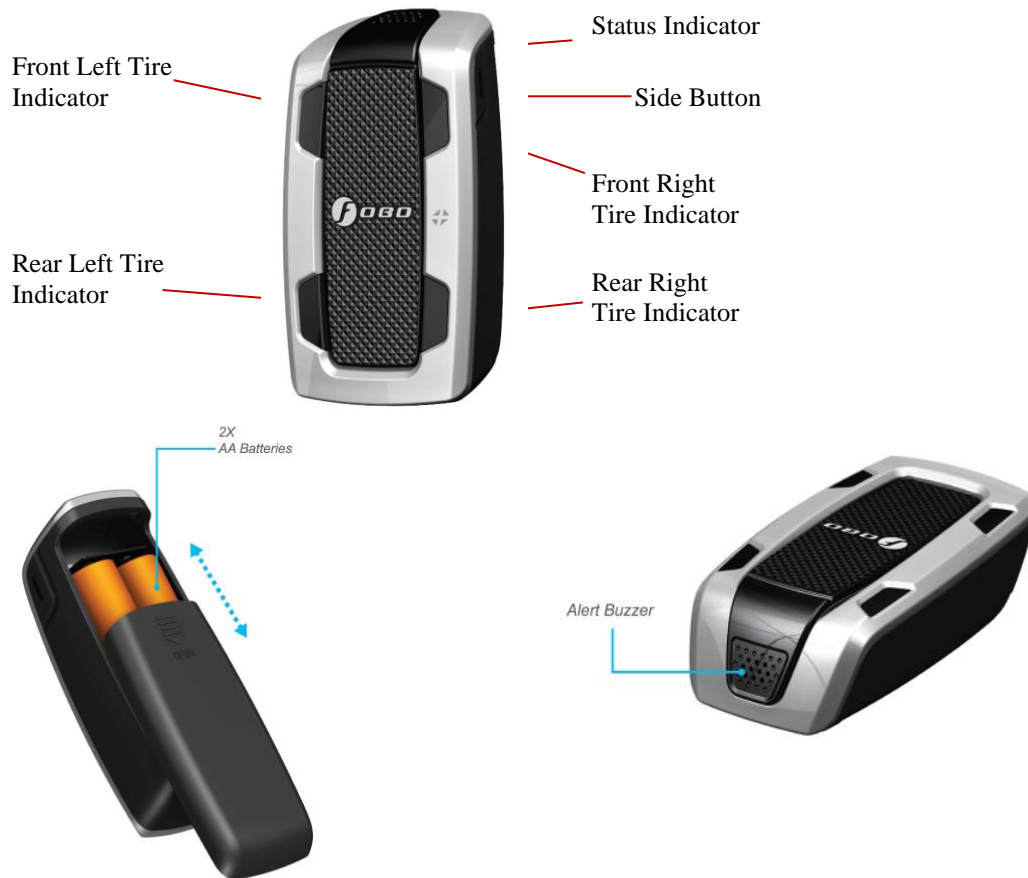
On the other hand, an overinflated tire will cause accelerated wear on the center portion of the tire resulting in uneven tire wear. It would also result in a harsher ride and makes the tire more susceptible to damage when going over potholes or debris on the road..

What is the optimum tire pressure? There are a lot of information about this subject in internet forums and web articles. A quick guide for better understanding of tire pressure below:-

- 1) Car manufacturers recommend the optimum tire pressure for their car models. The information is usually available on a sticker at the door jam (side of the driver's door) or in the owner's manual. For some car models, the information sticker may be on the trunk lid or on the fuel door. Car manufacturers usually recommend different tire pressure for front and rear tires. This pressure is usually recommended for comfort driving and optimum performance of the car. It is not advisable to go below this recommended pressure level.
- 2) The car manufacturer recommended tire pressure is "cold pressure". When you drive your car to the gas station, the friction on the road will heat up your car tires within a few minutes. Typically, there will 1 psi (~7kPa) increase in air pressure for every 10 deg F (5.6 deg C) rise in temperature. It is advisable to inflate the tire pressure with this compensated pressure above the recommended pressure.
- 3) Air pressure in tires is affected by changes in temperature. Check and adjust your tire pressure whenever there is a drastic change in environment temperature, e.g. Change of season.
- 4) A tire will normally lose its pressure through natural causes unless accelerated by a puncture, faulty valve or damaged wheels. It is advisable to change the tire valves or at least check the valves condition every time you change a new set of tires. Under normal condition, a set of tires could deflate at a rate of up to 2psi per month. It is good practice to check your tire pressure regularly and top up to the optimum pressure.
- 5) Every car tire has a maximum inflation pressure. It is not advisable to inflate to the maximum inflation pressure of the tire. Follow the car manufacturer's recommended tire pressure instead.

4 Product Description of FOBO TIRE 2

4.1 In-Car Unit (TY1401)



Tire position indicators – To indicate which tire has problem

Side button - **In normal condition:** A quick press on the side button to check the status of In-Car unit whether it is sleeping or in operational mode.

During tire alert: When there is a tire alert, a quick press on the side button to silent the alert. After silencing the alert, a quick press again will reproduce the tire alert once.

Synchronizing with smartphone: A long press on the side button to sync user settings with the smartphone.

NOTE: Excessive frequent pressing on the side button will drain the In-Car unit battery.

- | | |
|------------------|---|
| Status indicator | - LED will blink to show Bluetooth pairing. |
| Alert buzzer | - buzzer to alert when there is problem with tire |
| AA batteries | - In car unit operates with two AA size batteries. The batteries will work for up to two years. |

NOTE: For iOS & Android user, please select “Allow” location services for FOBO Tire 2 App when prompted by the OS. Without location services, the FOBO Tire 2 App will not be able to sync with In-Car unit.

The FOBO TIRE 2 In-Car unit is a complex device that performs multiple functions. Due to the shielding effect of the car chassis, some drivers may face difficulty in receiving the tire sensor signals on their smartphone when sitting inside the car. This problem may be further aggravated when the driver places the smartphone in positions that are not optimal such as trouser pocket or waist pouch. The In-Car unit is designed with an efficient antenna that can pick up sensor signals up to 10dB better than a usual smartphone. With the In-Car unit, you can be assured of a good signal reception from the tire sensors.

The In-Car unit is designed to be placed anywhere inside the car, please do not remove it from the car. In order for FOBO TIRE 2 to function optimally, please ensure that the In-Car unit remains inside the car.

Note that In-Car unit is not water-proof. The best location to place the In-Car unit will be to affix it on the lower dashboard position but away from direct sunlight. Use the Velcro double side tape provided in the packaging to secure the In-Car unit. Do not enclose the In-Car unit inside any metal compartment or box. This will cause the In-Car unit unable to receive signals from tire sensors.

To conserve battery life, the In-Car unit will go into ‘sleep’ mode after it detects that the vehicle has been stationary for more than 15 minutes. It will ‘wake up’ once it detects that the vehicle moves. You can still receive your tire pressure and temperature data by accessing the FOBO Tire 2 App on the smartphone, even when the In-Car unit is asleep. This is due to FOBO TIRE 2 sensors continuous operation of 24 x 7 which allows you to receive an alert even when you are not driving the car.

The In-Car unit will also synchronize with your smartphone with your settings that you have changed every time it wakes up. For any changed settings in the App, it will only be synchronized during the next In-Car unit wake up cycle. Alternatively you can long press on the side button of In-Car unit until you hear a beep, in order to put the In-Car unit into synchronization mode with the smartphone App.

The In-Car unit is also designed to be a secondary alert device in the event of a deflated tire. This is to cover situations when you do not have your smartphone with

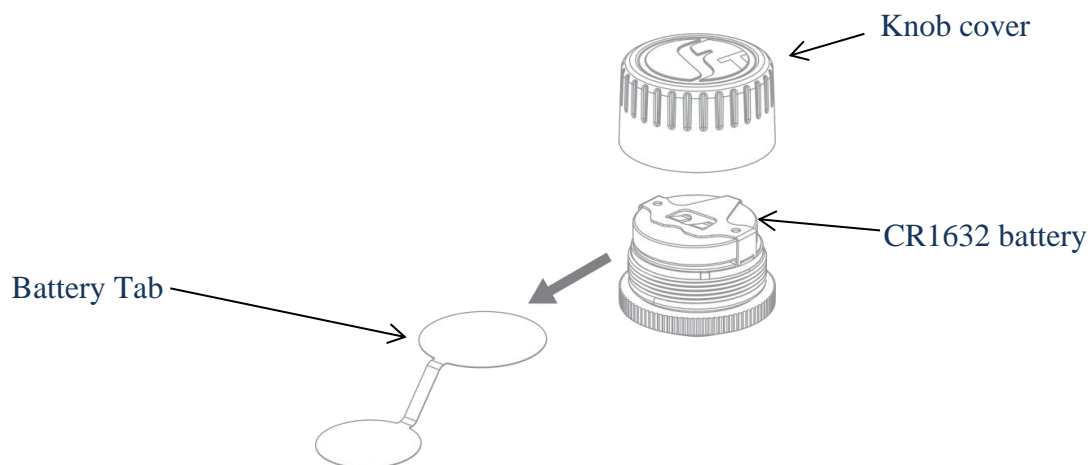
you while driving or if your smartphone’s battery is dead. When there is a tire pressure alert, the In-Car unit will produce an audible and visual LED alerts to inform you of a tire

pressure problem. To silence the repetitive audio alerts, just quick press the side button once. To check back the position of the problematic tire, a quick press on the side button once more and the LED of the problematic tire position will light up.

The In-Car unit will emit a start-up tone every time it wakes up upon detecting the car's movement. This tone is also to inform you or the driver that the In-Car unit is operational. In case you do not hear this tone when start moving the car, please check the state of the In-Car unit by a quick press on the side button once. If you hear a long single tone that means the In-Car is still in sleep mode. You can change the detection sensitivity in the FOBO Tire 2 App by going to; click on car profile > on the car status page click on settings icon at top right corner > in-car unit sensitivity to adjust the In-Car unit sensitivity. In some electric cars, the In-Car unit may require higher sensitivity to detect the car moving. By default it sets to Normal.

NOTE: Unnecessarily waking up the In-Car unit will drain battery.

4.2 Tire Sensor Unit (TM1802)



- | | |
|-------------------------|--|
| Knob cover | - waterproof cover. Please ensure the red silicon ring is intact to prevent water from getting into electronics compartment. |
| Single internal battery | - CR1632 coin cell battery. When replacing battery, please ensure the “+” sign of the battery is facing up, away from PCB. |
| Internal PCB | - Internal electronics circuit (The pressure sensor chip is mounted within this PCBA, and it senses the tire pressure against a built-in vacuum, resulting in an Absolute Pressure reading. The internal firmware will then subtract the sea-level pressure of 101.3 |

kPa (14.7 psi) from this reading. This final reading which will be shown in the app can be termed as i) Tire **Absolute Pressure minus sea level pressure**, or ii) Gage Pressure reference to sea-level altitude. With this formulation, Fobo TIRE 2 sensor will read the same pressure value for any given tire, irrespective of altitude (assuming a constant temperature). This will ensure the correct tire footprint per vehicle manufacturer's pressure recommendation, for all altitude above sea-level, given a constant temperature.

As a corollary, a tire with a Fobo reading of, say 40 psi at an altitude of 5000ft, will read the same 40 psi when driven to sea-level, given a constant temperature. In reality, it will read higher due to the warmer temperature at sea-level, and may need some air release if the temperature difference is great. Tire pressure generally will increase 1 psi (~7kPa) for every 10 deg F (5.6 deg C) rise in temperature.

Fobo wishes to highlight the above formulation is for usage at sea-level and above, and will not be accurate for use otherwise. In practice, this should not be an issue as the lowest area on earth will result in an insignificant error of 0.3 psi (~2 kPa).

For users who wish to retain 'Gauge Pressure Reading', the Fobo Tire 2 App has a Gauge Pressure, adjusted to local altitude using cell towers or individual phone barometer if available. This Gauge Pressure button can be accessed from the App ([Kindly refers to Section 5.8 of this user manual](#)).

Battery tab

prior to installing a sensor, user need to remove the battery tab from a sensor. Sensor is pre-installed with in-car unit from the factory. Tire position is indicated on the battery tab.

FOBO TIRE 2 sensor units are designed to be robust and operate reliably 24x7 to provide tire information around the clock. It is designed to be water proof (IP57) and by our special use of custom engineering plastics, it will be able to withstand road salts or other common automotive chemicals (petrol, engine oil, car wash shampoo, etc.).

Our designers have designed the sensors to ensure that there is no air leakage as it replaces the tire's original valve cap. There is no need to screw on the sensor

extremely tight. Apply a reasonable hand twist force to ensure the sensor is securely installed and should be able to be removed by hand with ease.

A missing or damaged tire sensor can be replaced easily through the FOBO Tire 2 App.

NOTE: Battery life span up to one year (for sensor) & 2 years (for in-car unit) is an estimate based on normal use at 23 °C. Battery life may vary according to usage and climatic temperature.

Battery life span will change due to the following reasons:

- 1) Frequent change of pressure threshold setting in the App.
- 2) Disabling & enabling of sensors.
- 3) Release & pairing.
- 4) Removal & screw-on of sensors.
- 5) Operating under extreme cold/hot temperature.
- 6) Testing of product.
- 7) Rotation (refer section 5.15 of this user manual)
- 8) Trigger alert or let activated alerts unattended.
- 9) Multiple removal and screw-on of sensors for equalizing all tire pressures.

All these activities will drain a battery very fast and affect the battery life span.

4.3 Sensor Lock nuts and wrench



FOBO TIRE 2 sensors and In-Car unit are tied to a FOBO account; sensors are pre-installed with in-car unit from the factory. They are not re-usable or transferable without the owner releasing them from his/her FOBO account. This is a theft deterrent feature to discourage theft.

As an additional anti-theft feature, all FOBO TIRE 2 package comes with lock-nuts and special wrench. FOBO Tire 2 system functionality is not affected if you do not use the lock-nuts.

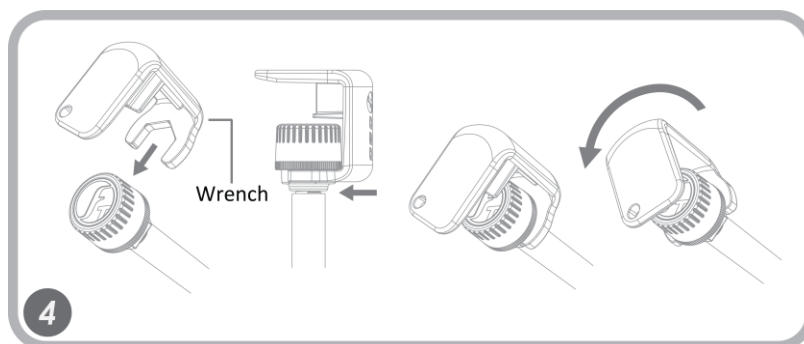
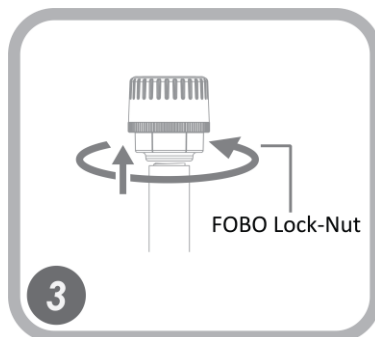
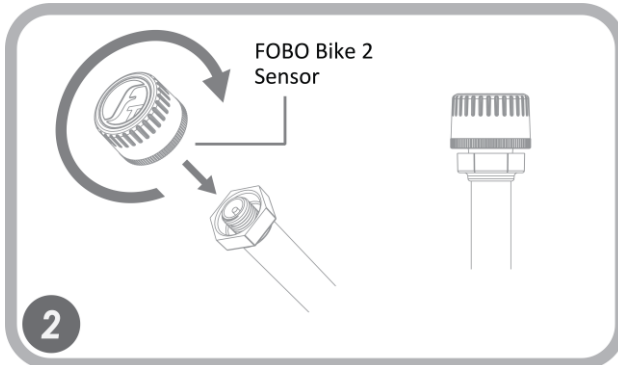
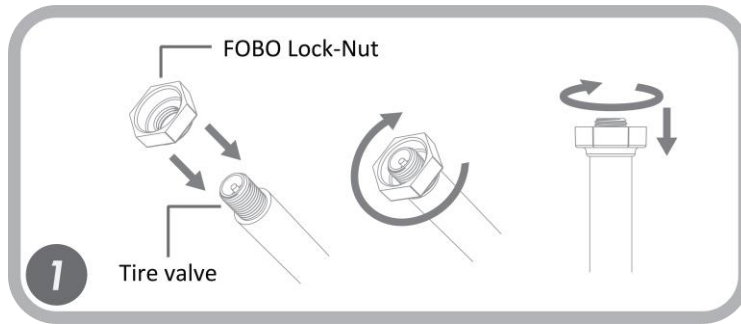
The lock nuts and wrench are made of custom engineering plastics that can withstand road salts and common automotive chemicals (gasoline, engine oil, car wash shampoo, etc.).

In order to use the lock nuts, you must first install the lock nut to the tire valve (with the bump facing tire rim). Screw in the lock nut all the way down and ensure that there is still a **minimum of 5 thread count** on the tire valve for the sensor unit to be screwed on. If there is insufficient thread for the tire sensor, it may lead to air leakage. A solution for this would be to change the tire valve to one with a longer thread. Next, screw in the tire sensor unit until it is reasonably tight. Then use your finger to unscrew the lock nut outwards (i.e. anti-clockwise) until it pushes against the bottom of the sensor unit. Use the wrench to tighten the lock nut. The resultant friction force will make it difficult to remove the sensor unit without loosening the lock nut. For rubber valves, hold the valve stem with one hand and tighten the lock nut with the wrench on another hand. This is to avoid the rubber valve from twisting making it unable to tighten the lock nut.

WARNING: Do not apply too much force to tighten the lock-nut. You may face difficulty to loosen the lock nut later on especially for rubber valves that typically doesn't stay firm on the tire rims.

NOTE: If your tire valve is too short, you shouldn't use the lock nut as this will block the sensors from being completely screwed on the tire valve and causes air leak. Our sensors are designed to work on a tire valve with a minimum of 5 thread counts.

Step by step diagram to use FOBO TIRE 2 Lock Nut and wrench



5 Using FOBO TIRE 2

5.1 Installing FOBO Tire 2 App

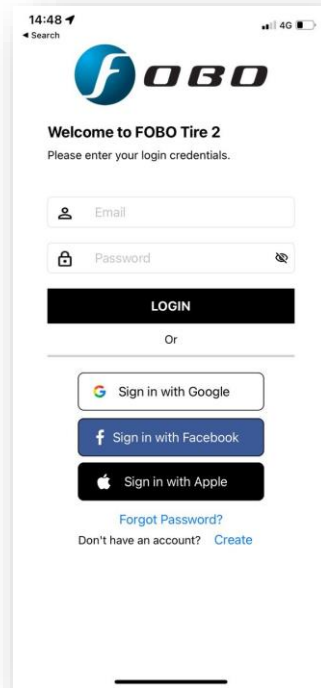
You are required to have a smartphone with **Bluetooth 4.0** or above capability in order to use FOBO TIRE 2. The smartphone must also be running on iOS 12 and Android 5.0 or later. Follow the steps below to install your FOBO TIRE 2:

Step 1: Download the FOBO Tire 2 App onto your smartphone.

- For iPhone users, download from Apple's AppStore. For Android users, download from Google Play. Search for "FOBO Tire 2".



Step 2: Launch FOBO Tire 2 App, login using Google, Facebook, Apple account or register new account with your personal email address, to register new account click on "Create".



Note:

- Please remember the password you entered while creating an account. You can always click on “Forgot Password” option on login page to get instructions on how to reset password.
- If you do not receive any email (to reset password) from FOBO Admin after 15 minutes (with a good internet connection), please write into fobo@salutica.com.my. FOBO representative will be in touch with you to solve the issue.

IMPORTANT:

FOBO TIRE 2 is locked to your FOBO account as an anti-theft deterrent. Stolen sensors cannot be used by anyone else other than the FOBO account owner.

Location service is required to be enabled for the FOBO Tire 2 App (FOBO Tire does not use the GPS function to track your location). The location service on the iOS/Android system has other functionality that the FOBO Tire 2 App uses to operate properly and to sync with the In-Car unit. It will ensure FOBO TIRE 2 functions as designed, mainly for alert functions, Auto night mode, and also the gauge pressure feature as required by users living at high altitudes. FOBO TIRE 2 is designed to be a low energy system and does not drain your smartphone battery excessively.

By submitting your information to sign up a new user account, you acknowledge your acceptance to the terms and conditions of our Software Licensing Agreement and Privacy Policy.

5.2 Installing FOBO TIRE 2 In-Car unit & sensors

NOTE:

Please ensure you have good internet connection otherwise you won't be able to perform the installation.

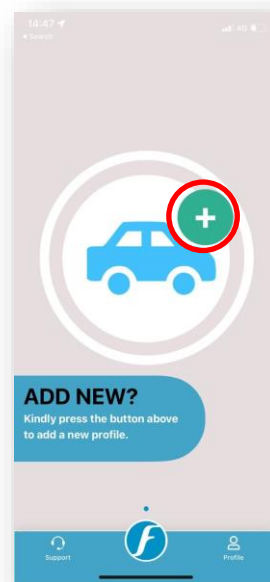
TO REDUCE THE RISK OF AN ELECTROSTATIC DISCHARGE (ESD) PLEASE TOUCH THE WHEEL WHEN SCREWING ON THE TIRE SENSOR ON TO THE TIRE VALVE. THIS IS TO MINIMIZE POTENTIAL ESD ATTACK WHICH MAY CAUSE DAMAGE TO THE TIRE SENSOR AND ITS FUNCTION.

INSTALLING FOBO TIRE 2 SETS ON MORE THAN ONE CAR WHICH ARE PARKED CLOSELY TOGETHER MAY CAUSE CROSS INTERFERENCE TO THE BLUETOOTH SIGNALS. PLEASE INSTALL FOBO TIRE 2 ON ONE CAR AT A TIME.

To begin using FOBO TIRE 2, firstly ensure that the FOBO Tire 2 App is downloaded and you have already login to the App (refer to section 5.1).

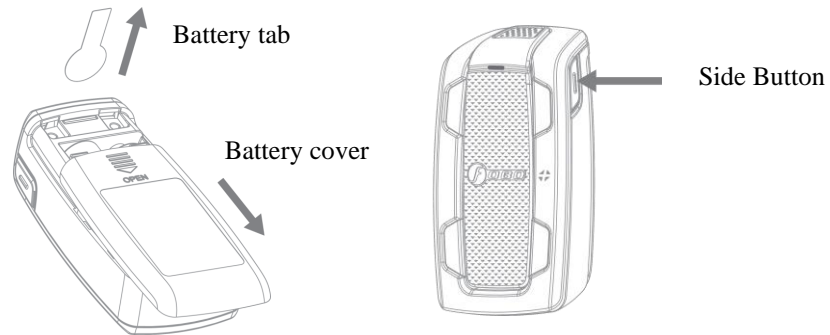
Follow the steps below to pair FOBO TIRE 2 with your smartphone: -

- 1) Ensure your smartphone Bluetooth, location service and internet connection is on.
- 2) Open FOBO Tire 2 App and sign in.
- 3) Click on add button “+” on home screen to initiate installation.

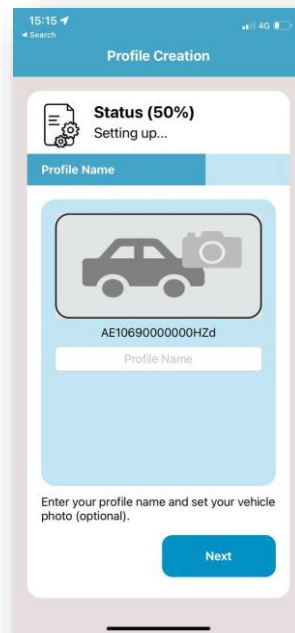


- 4) Under “Profile creation” page, view video instruction and click on “proceed” button.

(As shown in video instruction) Open in-car unit battery cover and remove the battery tab, press side button on the in-car unit until hear a beep sound and LED flashing at top center of the in-car unit.

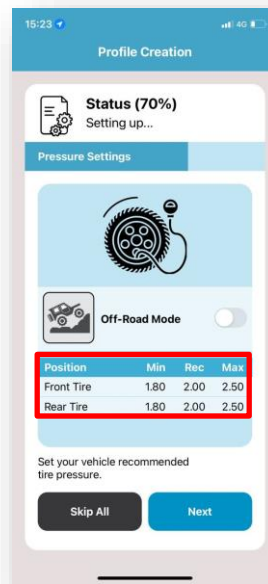


- 5) Under profile name section - Tap on camera icon and choose from the provided options to set up an image for your car profile. Key in profile name and click on “Next” button.

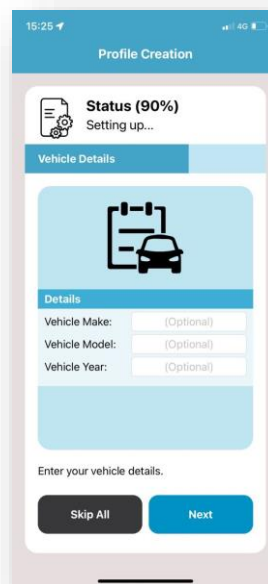


- 6) Under Pressure settings section – Set your vehicle recommended Tire pressure (“Rec” In center) for front and rear axle. Click on “Next” button.

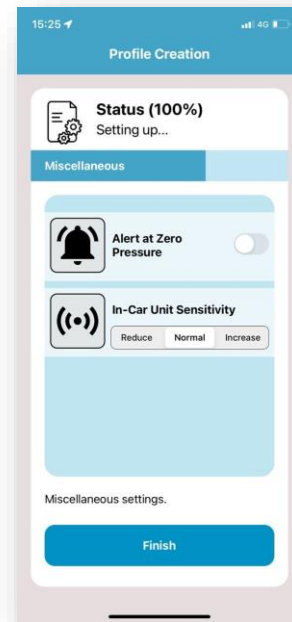
The recommended tire pressure information for your car is usually available on a sticker at the door jam (side of the driver’s door) or in the owner’s manual. For certain car models, the information sticker may be on the trunk lid or on the fuel door.



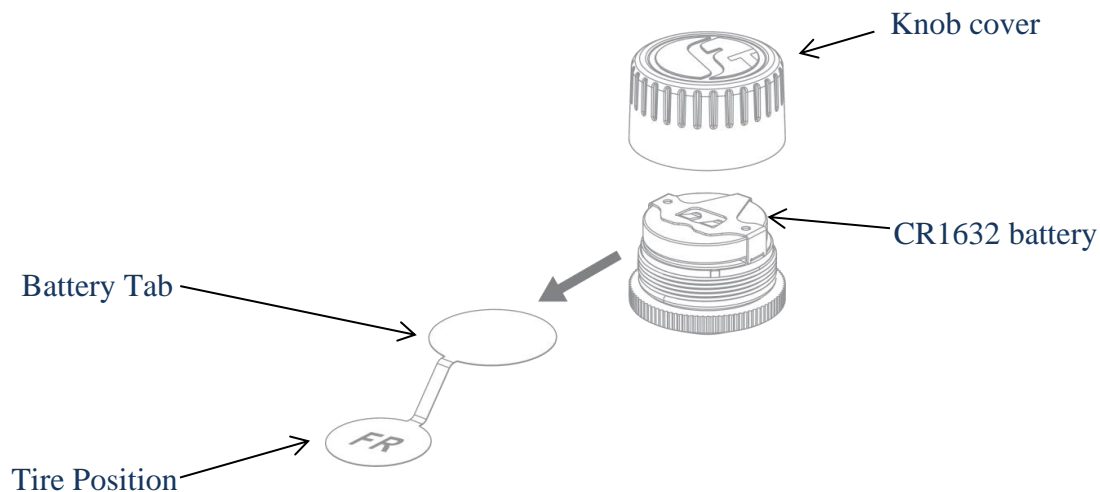
- 7) Under Vehicle details section – Key in Vehicle Make, Model & Year. This information is optional. Click on “Next” button.



- 8) Under Miscellaneous section – Turn on “Alert at zero pressure” if required and choose the in-car unit sensitivity. Click on “Finish” to save the information.



- 9) Sensors are pre-installed with in-car unit from the factory, each sensor is inserted with a battery tab. Unscrew the sensor cover, remove battery tab and install sensor on the tire position as indicated on the battery tab. Perform this with one sensor at a time, continue the same procedure with other three sensors (one at a time).



CAUTION:

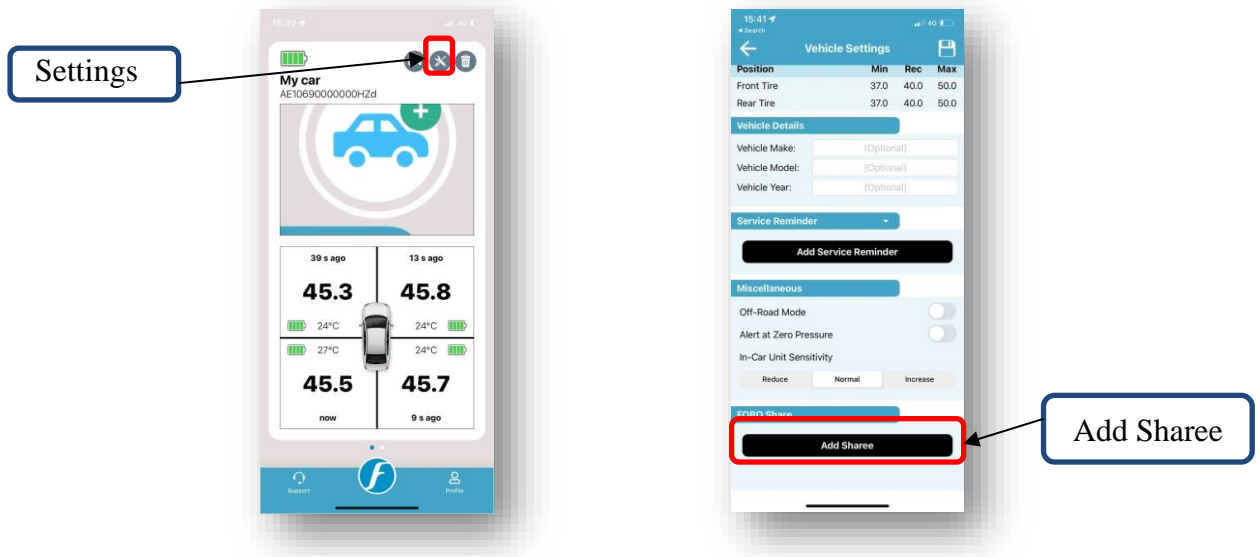
Motor vehicles of all kinds (cars, trucks, motor scooters and motorcycles) come with a very wide array of rims, wheels, and tires, with an even larger choice of aftermarket products. It is impossible for us to test every combination and check the fitment of the FOBO sensor. In some instances, when the FOBO sensor is screwed onto the valve stem, it might extend slightly beyond the face of the rim/wheel. If the rim/wheel comes close to or strikes an object, such as a curb, a pothole, the guide rail for an automatic car wash, or a component on the vehicle, the FOBO sensor or the valve stem itself might become damaged. This can cause the FOBO to provide improper readings, or might cause a loss of air pressure. We recommend that you carefully assess the fitment of your rims, wheels, tires and the FOBO on your vehicle. If you have any concerns, consult with your tire shop or auto mechanic. A shorter valve stem might be considered to mitigate the situation.

5.3 Setting up multiple users (FoboShare)

FOBO TIRE 2 is easy to share with your family members and friends. You can share FOBO TIRE 2 with multiple users by using the App's "Add Sharee" function. All that is required is for the other person to download the FOBO Tire 2 App (they will also need an iOS/Android smartphone with Bluetooth 4.0 or above that is running on iOS 12 and Android 5.0 or later). They need to activate their App.

Follow these steps to share your FOBO TIRE 2 profile with other users: -

1. Ensure that the user receiving the sharing (recipient) has downloaded the FOBO Tire 2 App and has activated their App.
2. Ensure that the recipient's smartphone has their Bluetooth, location service and internet connection turned on.
3. On your car status page, click on the settings icon (top right corner) and select "Add Sharee" under vehicle settings page.

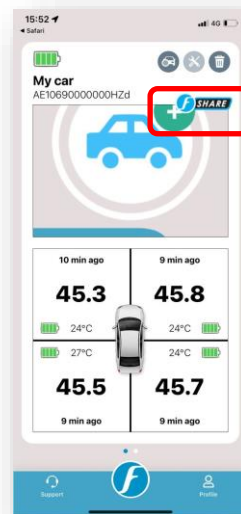


4. Complete the action by choosing any of the listed option.
5. Once recipient clicks on the link, the shared profile will appear on his/her smartphone under FOBO Tire 2 App. Sharee will start to receive all the data from shared FOBO Tire 2 sensors on his/her smartphone when he/she (sharee) or Master is within the Bluetooth range of the sensors.

NOTE:

Please ensure good internet connection for FOBO Tire 2 App to connect to the FOBO cloud server.

Note that shared users will not be able to change settings (name, Pressure limits, etc.) on your FOBO TIRE 2 profile using their smartphones. They can only view the readings. A shared profile will depict a “FoboShare” logo at top of profile to distinguish a shared profile from own profile.

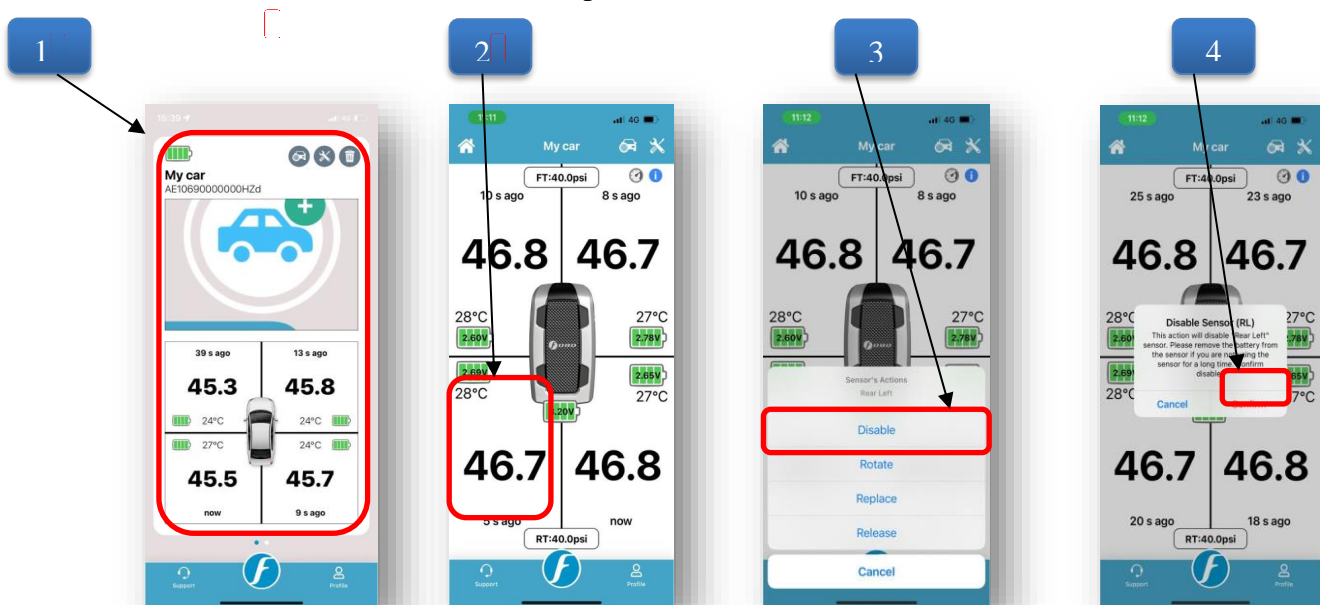


5.4 Disable and Enable sensor

You may want to disable a sensor due to a missing sensor or damaged sensor, disabling a missing or damaged sensor will remove future missing sensor alerts.

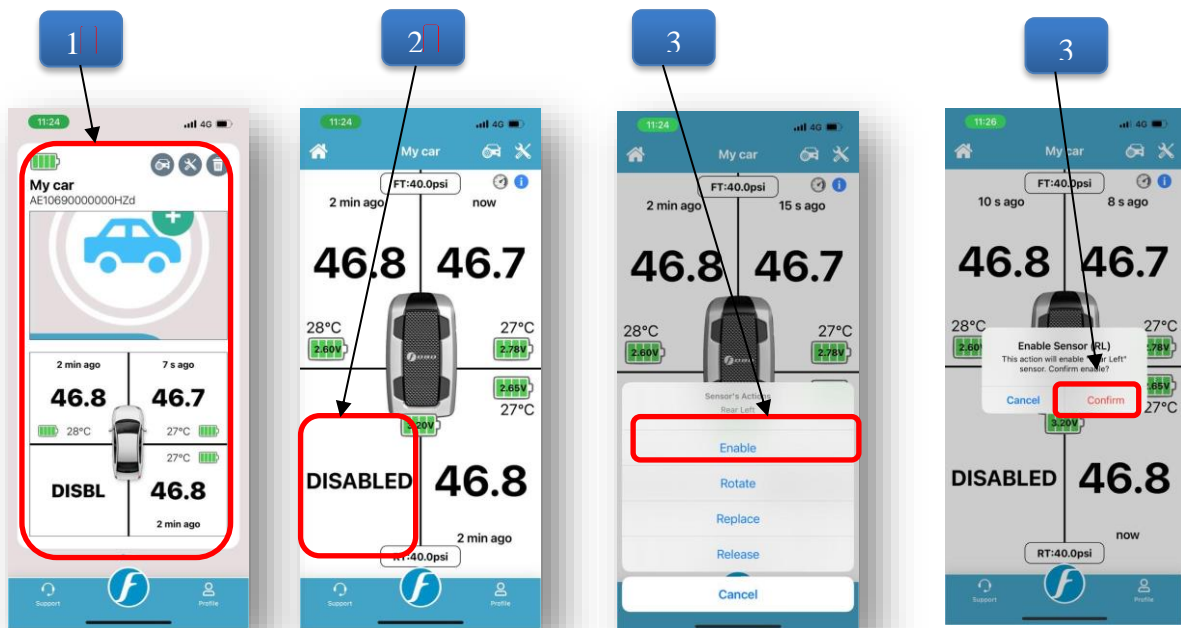
To disable a tire sensor:-

1. Tap anywhere on the car status page, it will bring you to car details page.
2. Long press on the box corresponding to the tire position you want to disable (Rear Left in the image below)
3. Click on “Disable sensor” option in the pop-up list.
4. Click confirm and app will display “Disabled” inside the box corresponding to the disabled tire position. Take note that FOBO TIRE 2 will stop monitoring tire for a disabled sensor position.



To enable a tire Sensor: -

- 1) Tap anywhere on the car status page, it will bring you to car details page.
- 2) Long press on the box corresponding to the tire position you want to Enable (Rear Left in the image below)
- 3) Click on “Enable sensor” option in the pop-up list.
- 4) Click confirm, App will display pressure readings inside the box corresponding to the enabled tire position.



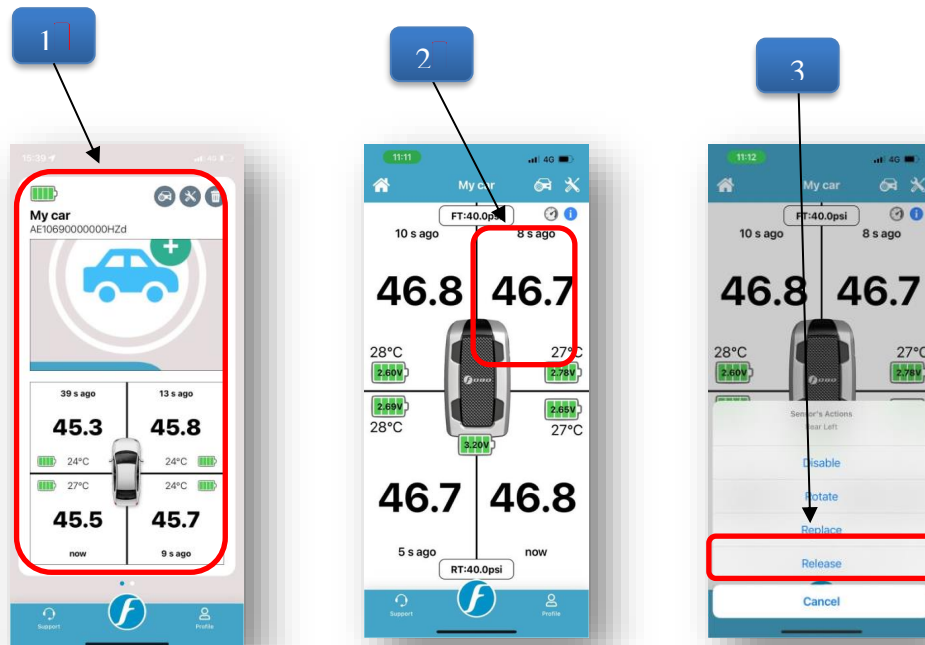
NOTE:

Please ensure good internet connection for FOBO Tire 2 App to connect to the FOBO cloud server.

5.5 Release and install sensor

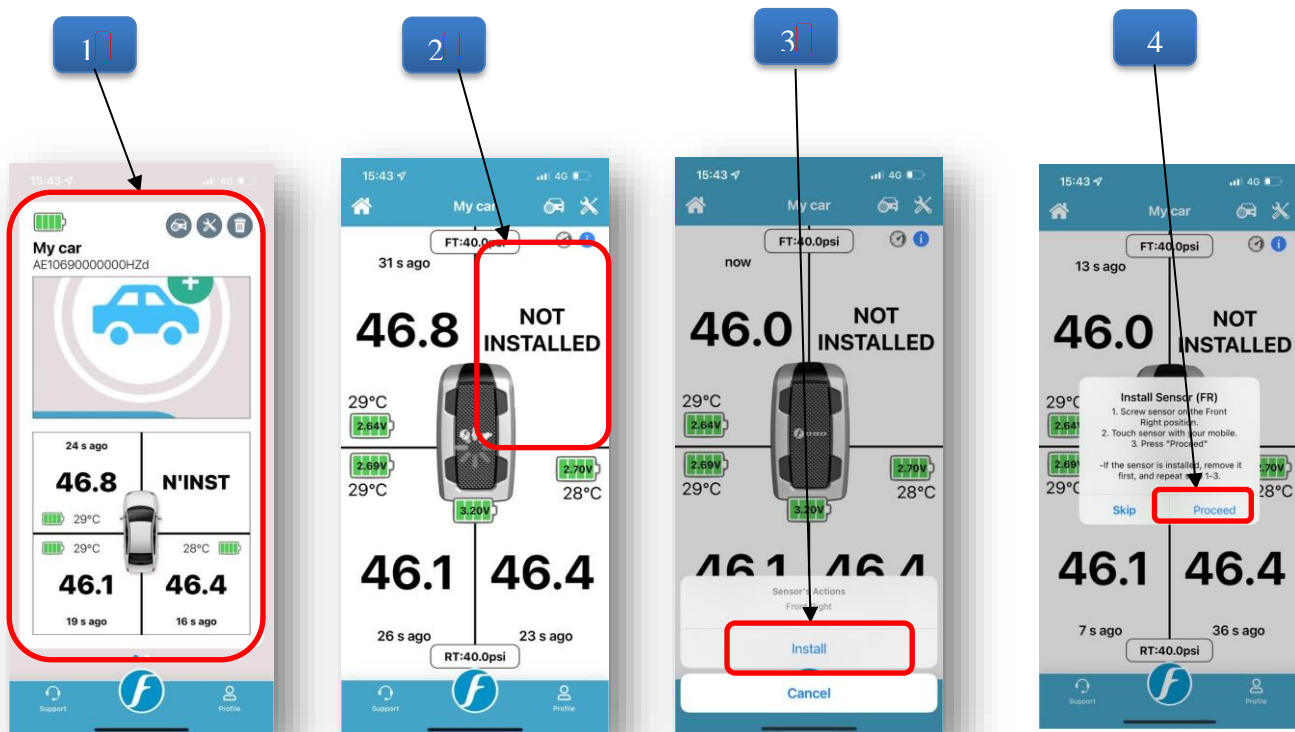
To release a sensor:

1. Tap anywhere on the car status page, it will bring you to car details page.
2. Long press on the box corresponding to the tire position you want to release (Front right in the image below).
3. Click on “Release sensor” option in the pop-up list and click confirm.
4. App will display “Not Installed” inside the box corresponding to the released tire position.



To install a sensor:

1. Tap anywhere on the car status page, it will bring you to car details page
2. Long press on the box corresponding to the tire position you want to install (Front right in the image below). This would be the box with the text “Not Installed”.
3. Click on “Install”.
4. Follow the instructions and click on proceed, you will see pressure readings inside the box corresponding to the Installed tire position.




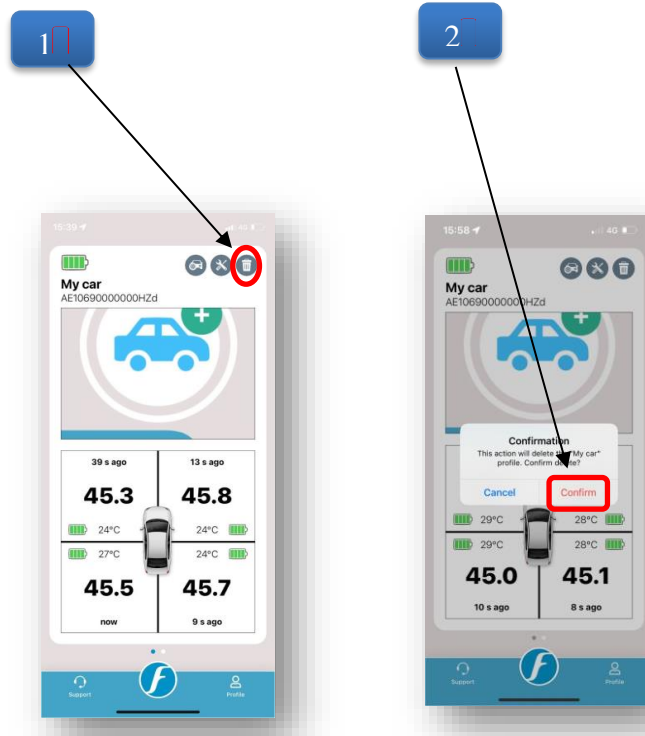
NOTE:

Please ensure good internet connection for FOBO Tire 2 App to connect to the FOBO cloud server.

5.6 Transfer FOBO TIRE 2 to another user

Before passing on your FOBO TIRE 2 set to another user, you will have to remove the system from your FOBO account.

- 1) To remove the system from your account, click on delete  Icon at top right corner on car status page of car profile.
- 2) You will be prompted with a message “This action will delete the “Profile name” profile. Confirm delete” to remove the system from your account. Confirm your action by clicking on “confirm” button.



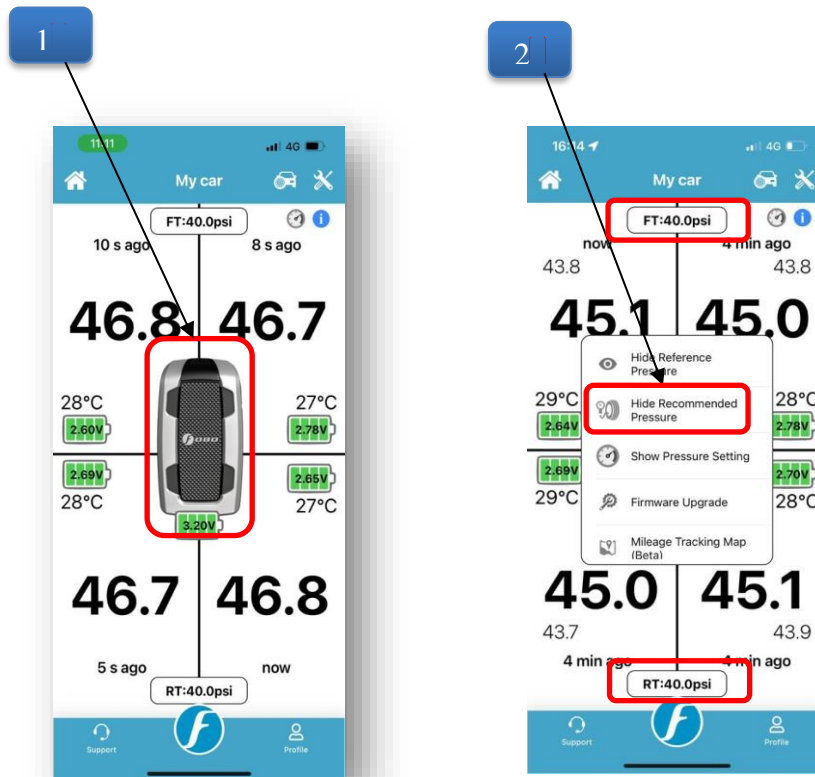
NOTE:

Please ensure good internet connection for FOBO Tire 2 App to connect to the FOBO cloud server.

5.7 Show/Hide Recommended Tire Pressure

You can choose to Show or hide the Vehicle Recommended Pressure for Front Tires (FRP) and Rear Tires (RRP) on the “Car details” page.

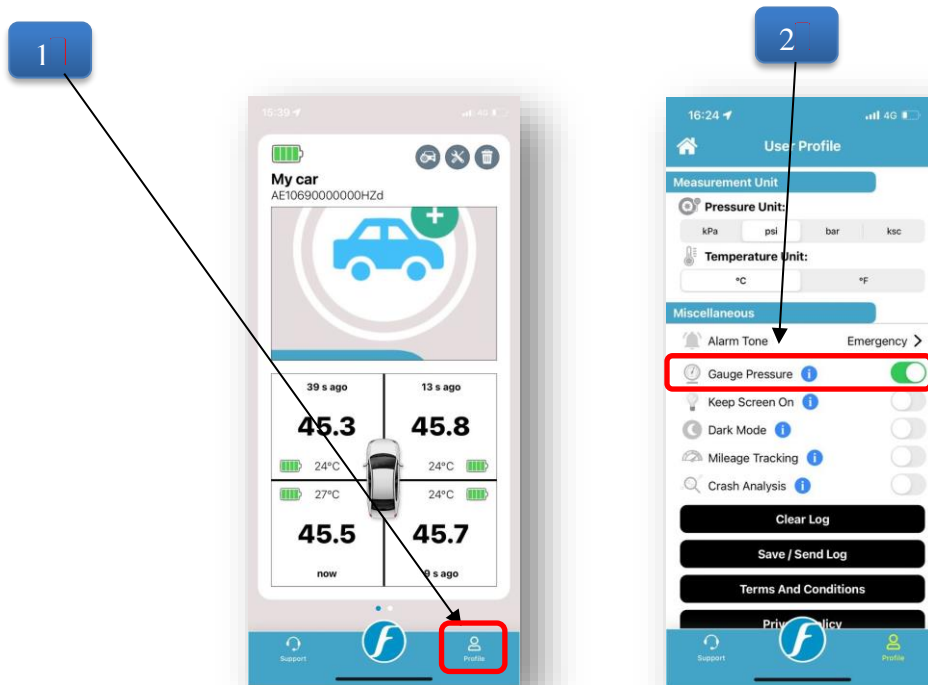
- 1) To hide recommended pressure, tap on default in-car unit image.
- 2) Click on hide Recommended pressure. Follow the same steps in order to show recommended pressure.



5.8 How to turn on Gauge pressure

To turn on Gauge pressure: -

1. Click on “Profile” icon at the bottom of the page.
2. Under “User profile” page look for Gauge pressure option and use toggle button to turn on Gauge pressure feature. Refer to section 4.2 for further details on gauge pressure.



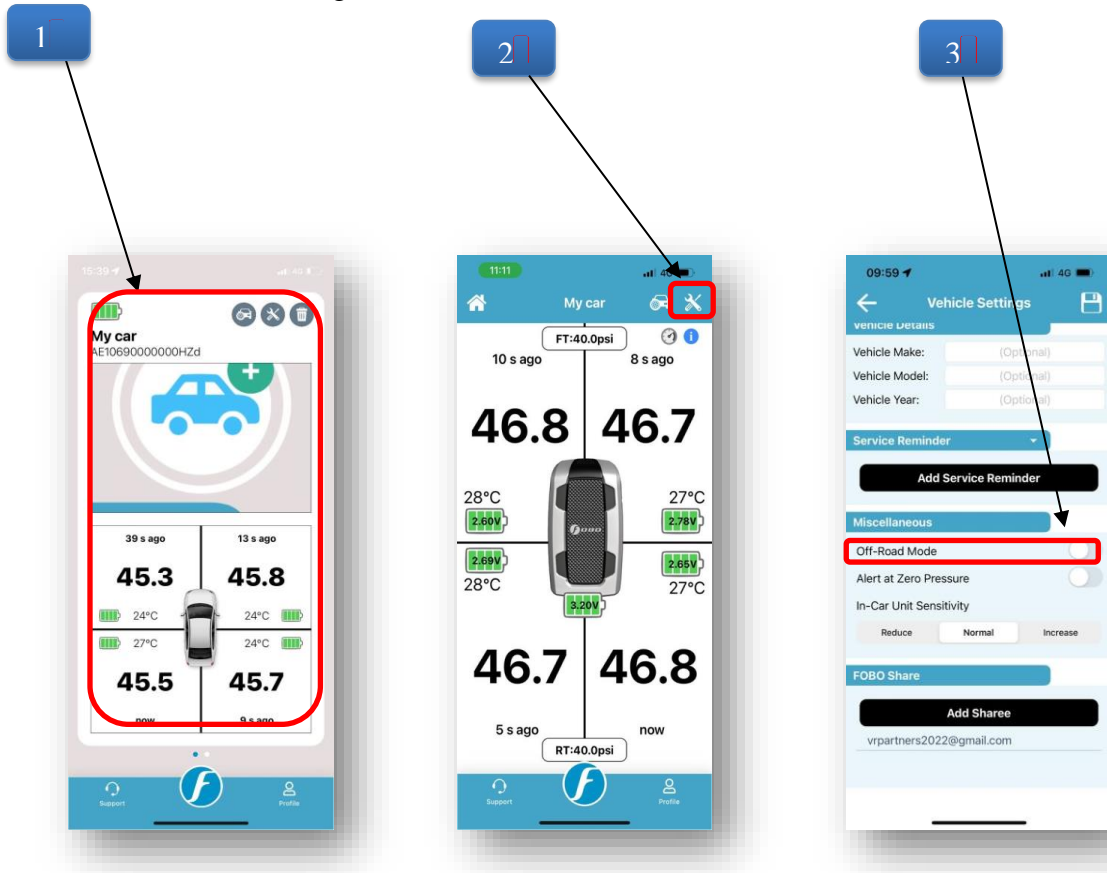
5.9 How to turn on “Off Road” Mode

To turn on “Off Road” Mode: -

- 1) Tap anywhere on the car status page, it will bring you to car details page
- 2) On car details page, click on settings icon at top Right corner.
- 3) On vehicle settings page, look for off-road mode option and use toggle button to turn on “Off Road” mode. Read the pop-up notice and click ok if you want to proceed.

Set new recommended pressure for front and rear axle and click on save icon at top right corner. This would be your new pressure settings for off-road mode. Upon turning off the Off-Road mode, pressure settings will go back to the last saved settings.

User can set the Pressure limit below 25 Psi if they turn on the “Off Road” mode. Do not forget to click on save icon after making any changes.



Shortcut to off-road settings from car details page:



CAUTION:

Do not use Off-Road mode on normal roads, it's only to be used for Off-Road activities where lower tire pressure is required.

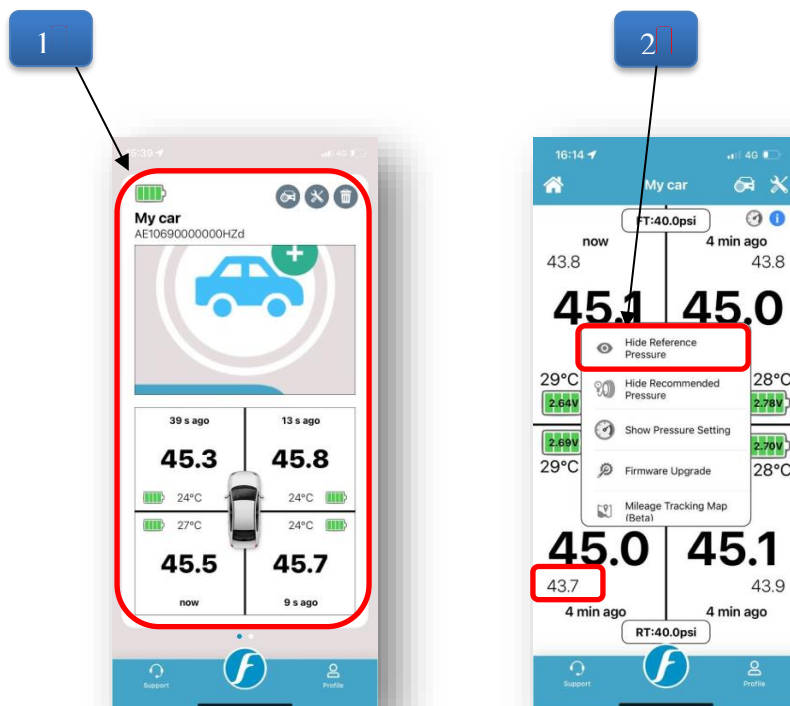
5.10 Tire Inflation/Deflation

In order to Inflate/Deflate the tire user just need to unscrew the sensor, inflate/deflate tire and then screw back the sensor on tire valve. User does not need to release or disable the sensor.

5.11 Reference pressure at 20 deg C:

Reference pressure is a temperature-compensated tire pressure referenced back to a standard temperature of 20 degree Celsius. This is useful and serves as a guide for the user to decide on the approximate amount of air needed to inflate the tire during hot season or immediately after a long drive.

The reference pressure reading is located above/below the actual pressure reading with smaller font size. The user has an option to show / hide the reference pressure reading for individual car profile, in order to do so user need to tap anywhere on car status page, tap on default in-car unit image at car details page (as shown below).



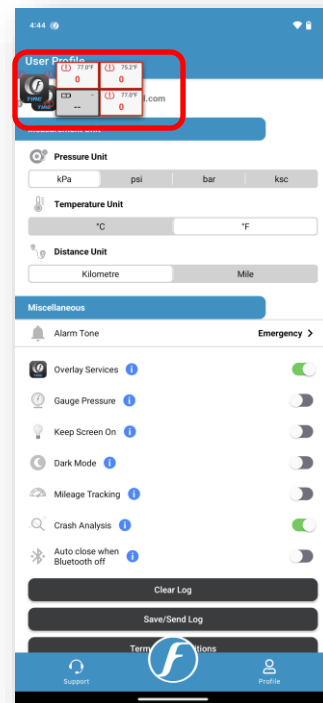
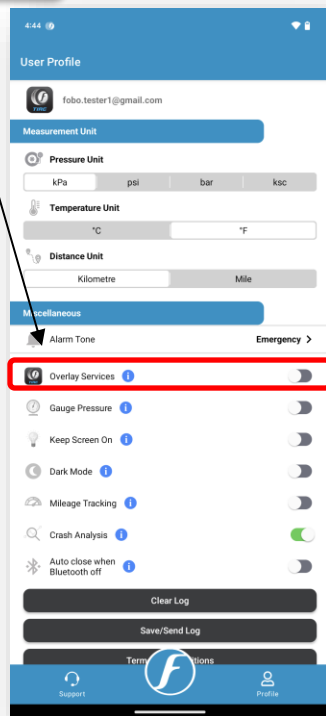
5.12 Overlay service (Only available on Android devices)

“Overlay service” feature is an effective approach which helps the users to get the latest pressure, temperature and battery readings just by a single click on the FOBO overlay icon which is displayed on the mobile home screen without the need of going into the FOBO Tire 2 App. Through this feature user can use any other App in the foreground with live FOBO readings displayed on the screen. This feature allows you to show FOBO overlay icon on top of other Apps you are using. **This feature is only available on Android devices.**

To turn on the Overlay Service:

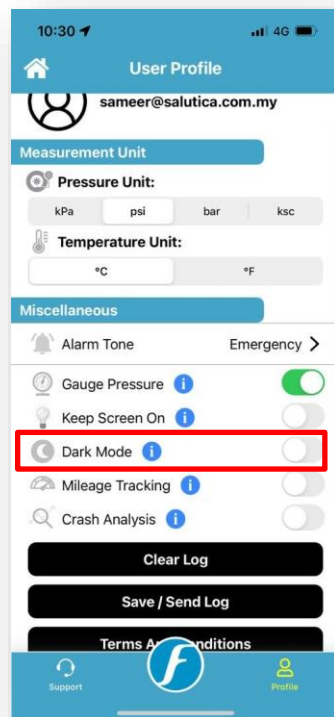
1. Open the FOBO Tire 2 App.
2. Click on “Profile” icon at the bottom of the page.
3. Under “User profile” page look for “Overlay service” option and use toggle button to turn on this feature.

Overlay service 



5.13 Dark Mode:

When this mode is turned on, App reduces the light emitted by device screens while maintaining the minimum color contrast ratios required for readability.

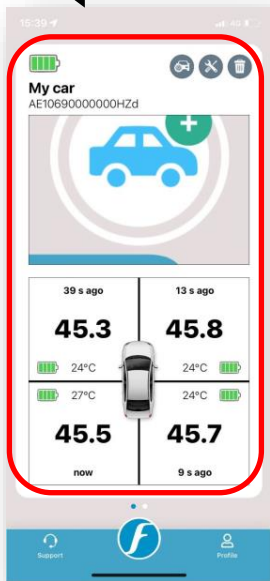


5.14 Rotate sensor:

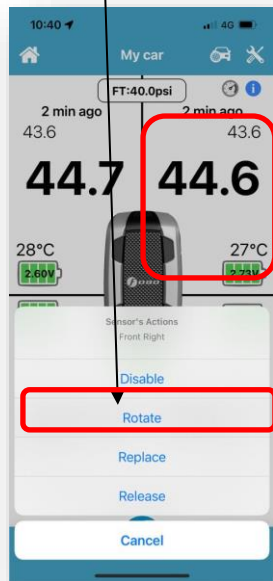
It is good practice to rotate your tire positions regularly to balance the thread wear of your tires, usually swapping the front tires with the rear tires. FOBO TIRE 2 is designed to conveniently set the sensors to their correct tire position in the App after you swapped your tires on your car. You do not need to physically remove the sensors.

- 1) Tap anywhere on the car status page, it will bring you to car details page.
- 2) On car details page, long press on the box corresponding to the tire position you want to rotate (We rotated Front right). Click on “Rotate” option.
- 3) Choose and click on new position of a sensor from the list (in the below screenshots we rotated Front right tire sensor to Rear right tire sensor) and wait for the action to be completed.

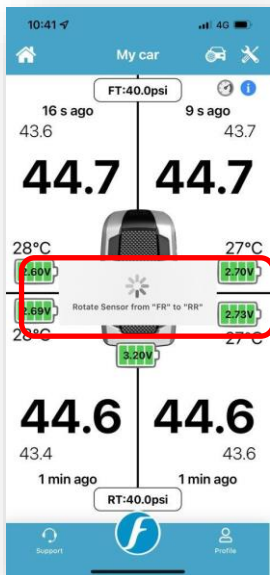
1



2



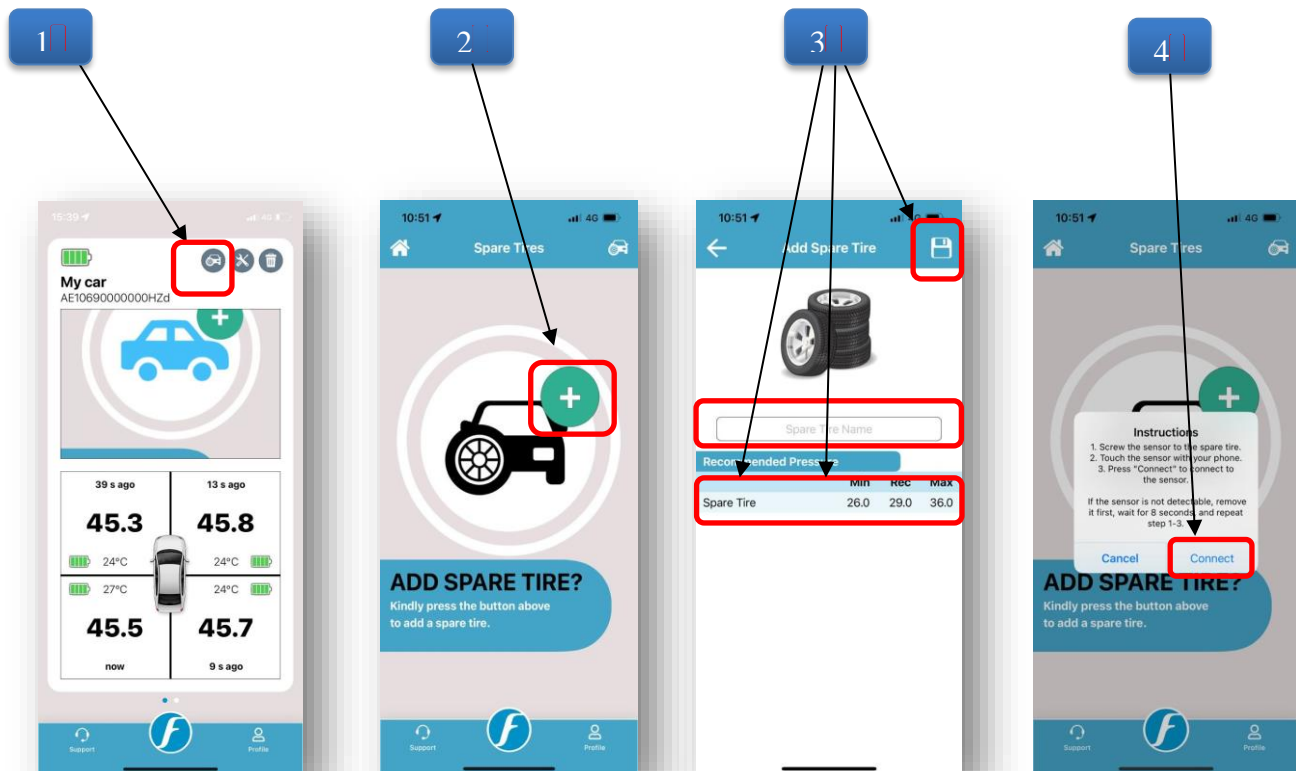
3



5.15 Spare tire sensor installation:

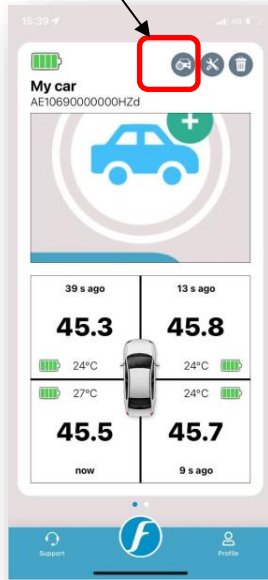
You can install FOBO TIRE 2 sensor on the spare tire, this is to ensure that you have an operational tire when you really need it. We tend to forget about spare tire but with FOBO TIRE 2 it won't happen again. In order to install spare tire sensor, follow the below steps:

- 1) To add spare tire sensor, on the car status page, click on “Spare tire” icon at the top right corner of the page.
- 2) Click on add “+” button.
- 3) Key in the details, such as; Name & Pressure settings. Ensure to click on save icon after entering all the details.
- 4) Follow the on-screen instructions to install a sensor and click “Connect”.

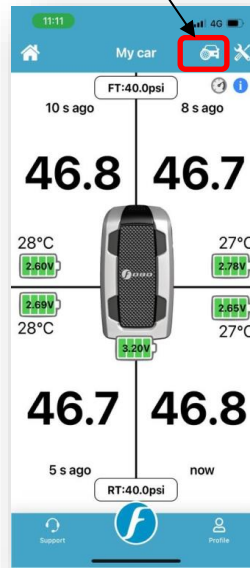


Options to view spare tire:

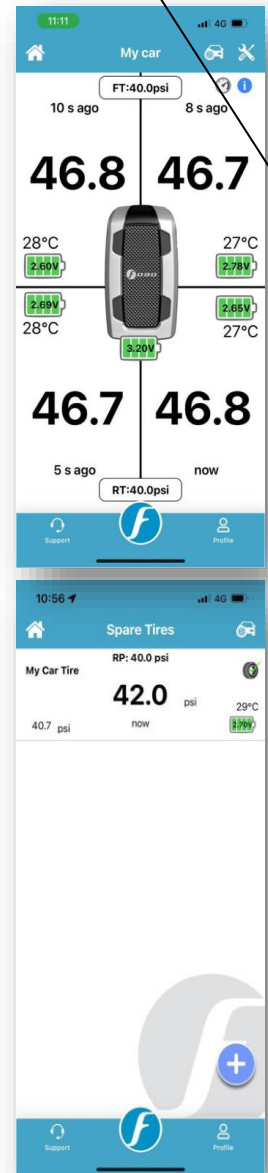
From Car status page:



From car details page – 1

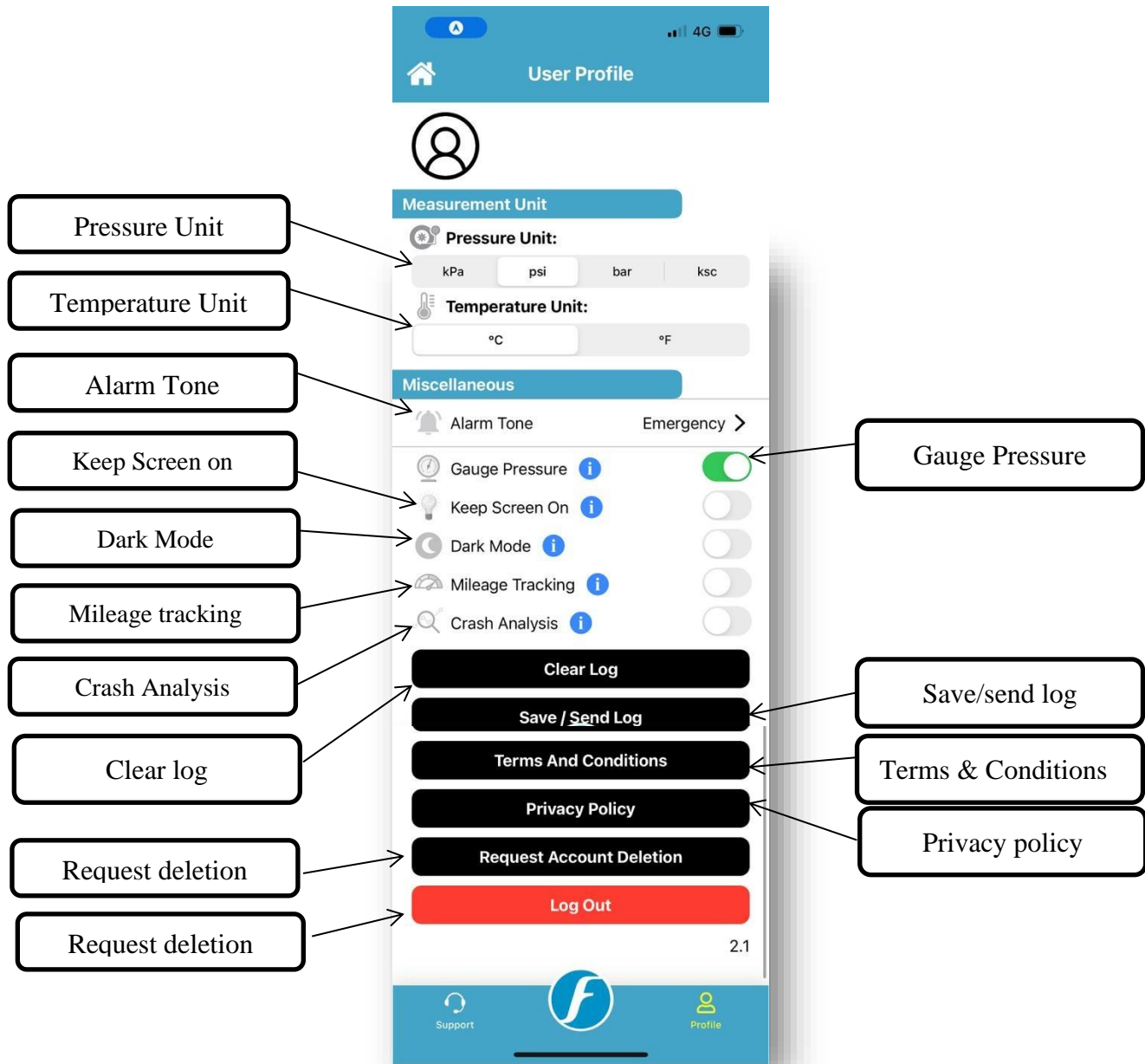


From car details page – 2
(Scroll up the screen)



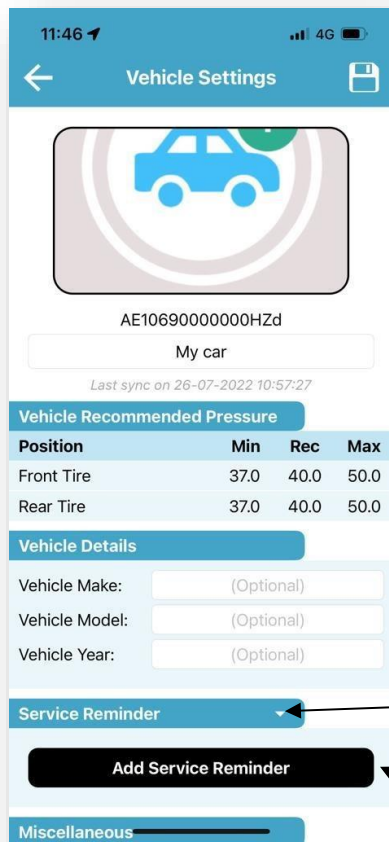
Note: Please ensure good internet connection. You can purchase addition sensor to monitor spare tire from FOBO website. The main 4 sensors and spare tire sensor are interchangeable.

5.16 Settings page:



Pressure unit	Select pressure unit here.
Temperature unit	Select Temperature unit here.
Alarm tone	Click here to select alert tone type.
Gauge Pressure	Refer to section 5.8 of this manual
Keep screen on	Turn on this feature to keep screen on when App is running in the foreground
Dark Mode	Turn on this feature to tun on night mode.
Mileage Tracking	Turn on this option if you want FOBO Tire 2 App to track your mileage. You can reset the mileage under vehicle settings. Only by turning on this feature mileage option will be shown under vehicle settings page.
Crash Analysis	Turn on this feature to send anonymous crash repot to app developer.
Clear log	This will clear all log files including TPMS data.
Send log	Use this option to send log file, you can choose the sending medium from the options available.
Terms & Conditions	Click here to read terms & conditions
Privacy Policy	Click here to read privacy policy
Request account deletion	Click here to delete your account, this action is irreversible.
Log out	Click here to log out from the App.

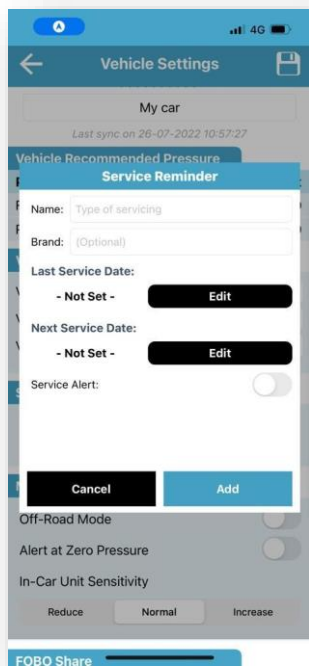
5.17 Vehicle settings page:



Key in Vehicle details here

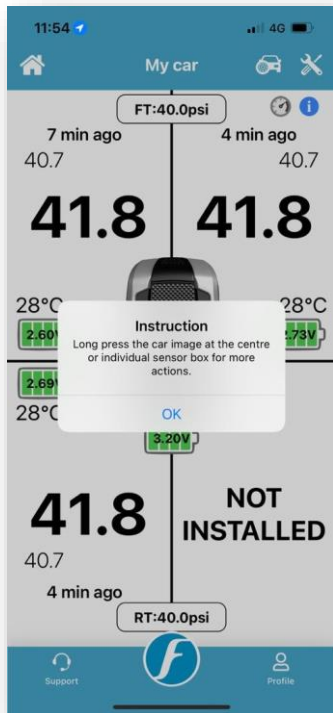
Click on the dropdown icon to check service reminders

Click here to add service reminders



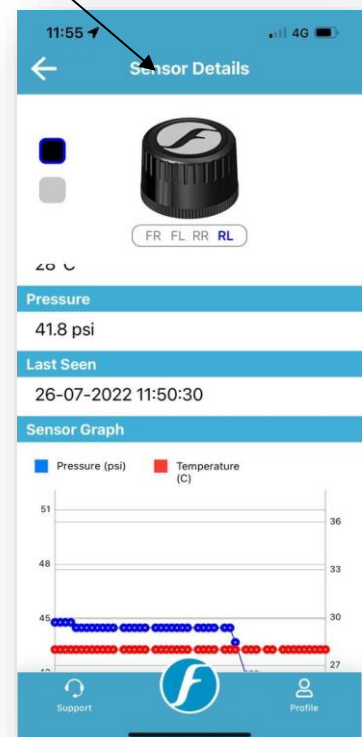
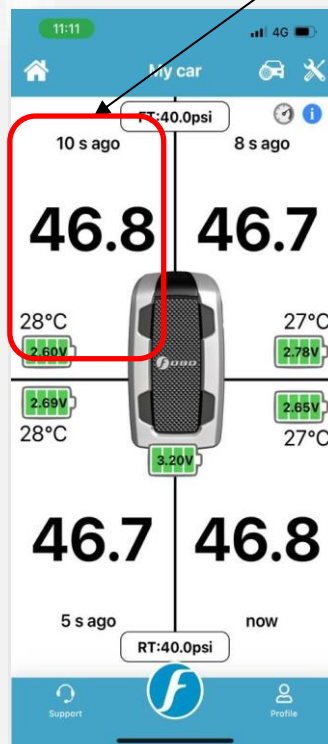
Key in the service reminder details and hit ADD button

5.18 Car details page:



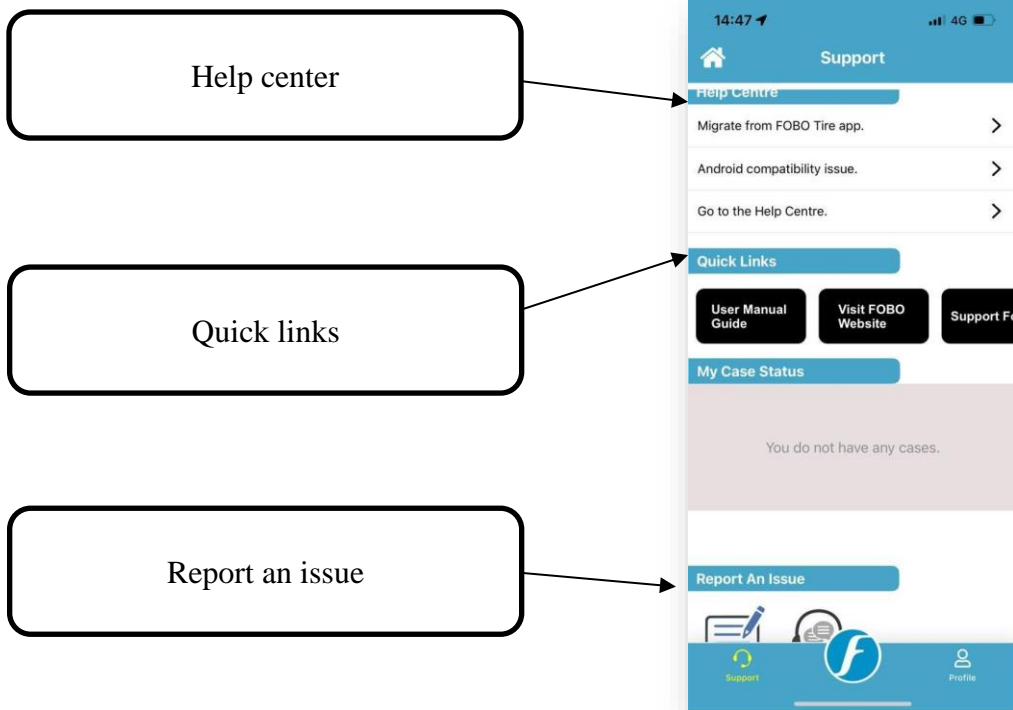
Information icon- Click here to get information about the buttons

To check GRAPH, firmware upgrade and other individual sensor details, tap on the desired tire position.



5.19 Support page:

FOBO TIRE 2 App provides in-app Help center, “Quick link” and “report an issue” services. In the event any issue arises, feel free to use any option to find a help.



6 FOBO TIRE 2 Alert Messages

You will get the following alert messages below on your smartphone during the operation of FOBO TIRE 2 under different conditions. The In Car unit will also generate different alert tones to distinguish the severity of the alert. When you get a continuous non-stop two-tone alert, please find a safe location to stop your car and check the alert messages on the smartphone.

A. **Soft Alert – In-Car unit will beep 5 tone alert every 5 minutes for 15 minutes –**

6.1 Pressure below preset limit

You will receive this soft alert when the tire pressure drops below the pre-set lower limit. The pre-set value for the low limit is 8% below the recommended pressure that you have set or below 160kPa, whichever that is higher. You can change this lower limit in the advance setting down to a minimum of 160kPa (1.6 bar/23 psi). For fuel economy and optimum tire performance, it is recommended to maintain this 8% range so that you can keep your tires inflated optimally. If you find the reminder is too frequent, you may want to check your tire for any leakage. Note that drastic temperature drop may also cause tire pressure drop. Please check your tire pressure and re-inflate during change of seasons.

Note: The hard limit for low pressure is fixed at 160 KPa and cannot be change by the user. If user wishes to do so then he can use “Off road” feature in the App

6.2 Pressure above preset limit

You will receive this soft alert when the tire pressure increases above pre-set upper limit. The pre-set value for upper limit is 25% above recommended pressure or above 790 kPa, whichever that is lower. You can change this upper limit in the advance settings up to a maximum of 790 kPa. For optimum tire performance and grip, you should not overinflate your car tires. Note that the tire pressure will

naturally increase as the car tires heat up due to friction while driving. However, you should check your tire in the event of an abnormal rise in the tire pressure.

Note: The hard limit for high pressure is fixed at 790 kPa and cannot be change by the user.

6.3 Sensor battery level low

You will receive this soft alert when the sensor battery level drops to certain level. Please change the battery immediately after you receive this alert. You will continue to receive this alert every time you start moving your car until the battery is changed.

6.4 In-Car unit battery level low

You will receive this soft alert when the In-Car unit battery reaches a certain low level. Please change the battery immediately after you receive this alert. You will continue to receive this alert every time you start moving your car until the battery is changed.

B. Emergency Alert – In-Car unit will beep continuously non-stop with a two tone alert every 3 seconds for 15 minutes.

6.5 Pressure too low

You will receive this emergency alert when the tire pressure drops 15% below the recommended pressure that you set or when the tire pressure is below 160kPa (1.6 bar/ 23psi), whichever that is higher.

NOTE: IT IS DANGEROUS TO DRIVE WITH LOW TIRE PRESSURE AND IT MAY LEAD TO A BLOW-OUT. PLEASE STOP THE VEHICLE AND HAVE THE TIRE CHECKED WHEN YOU RECEIVE THIS ALERT.

6.6 Pressure too high

You will receive this emergency alert when the tire pressure is 35% above the car tire recommended pressure that you set or when the tire pressure is above 790 kPa, whichever that is lower.

NOTE: THIS IS AN ABNORMAL RISE IN THE TIRE PRESSURE. PLEASE STOP THE VEHICLE AND HAVE THE TIRE CHECKED WHEN YOU RECEIVE THIS ALERT.

6.7 Temperature too high

You will receive this emergency alert when the temperature detected exceeds 70°C. Note that the temperature inside the tire may be higher than the temperature detected by FOBO TIRE 2 sensors due to the air-cooling effect on the tire valve when the car is moving. It is extremely dangerous to drive when you get this alert message.

WARNING: WHEN YOU RECEIVE THIS ALERT, PLEASE STOP YOUR CAR IMMEDIATELY AND CHECK THE TIRE!

6.8 Signal low or sensor missing










You will receive this emergency alert when the In-Car unit fails to communicate with the tire sensor. It could be the sensor signal is blocked, sensor unit damaged or missing from the tire. If confirmed the sensor is damaged or missing, you could disable the sensor in order to continue using FOBO TIRE 2 with remaining working sensors. Please purchase the sensor replacement immediately. It is not advisable to continue driving without FOBO TIRE 2 actively monitoring one or more of your car tires.

6.9 Pressure Drop too fast

For fast air leak, FOBO Tire 2 smartly alerts the user when it matters the most. FOBO sensors sense the pressure every **8 seconds**, if the pressure changes more than **15 kPa OVER** this time frame, the sensor will immediately send an updated pressure signal to the phone which will trigger an alert on the

FOBO Tire 2 App in the event the pressure has breached the upper or lower limit (Applicable to all 3 alert levels).

Details of color scheme for different level of alerts:

0 - Pressure Alert	RED	
1 - Lower L3	RED	
2 - Lower L2	ORANGE	
3 - Lower L1	YELLOW	
4 - Normal	WHITE	
5 - Higher L1	YELLOW	
6 - Higher L2	ORANGE	
7 - Higher L3	RED	
8 - Missing	RED	

7 In-Car unit audio & LED alerts

The In-Car unit will produce different tones and LED flashes for different situations. For repetitive alerts, you can stop the alerts by pressing the In-Car unit side button once. In case you have forgotten the location of the problematic tire, you can short press the side button another time to re-produce the alert one time.

Wake up – unit will produce “di da” tone once with LED blinking sequentially for all four tire indicators. This shows that In-Car unit is awake and operational.

Sleep – unit will produce “daaa” tone once. No LED blinks. This shows In-Car unit is going to sleep and not operational. In-Car unit goes to sleep to conserve battery when car is not moving for a long time. However, the sensors will still be operational 24x7 and continue to monitor and alert to your smartphone in case of flat tire.

Soft alert – unit will produce “di di di di di” tone once and repeat every 3 minutes. LED will blink for 5 seconds on problematic tire. This alert is for non-emergency situation such as: -

- Tire pressure slightly exceed above or below user pre-set limits. It is not dangerous to continue driving.
- Sensor battery low. Once notified on low sensor battery, please remember to change the battery as soon as possible. Do not leave the unit to continue operating under low battery for a long time.
- In-Car unit battery low. LED blink will be on the status LED, not on the tire indicator LED. Once notified on low sensor battery, please remember to change the battery as soon as possible. Do not leave the unit to continue operating under low battery for a long time.
- Signal low or sensor missing. For this situation, the tone will repeat every 5 seconds instead of 3 minutes to inform user of a possible missing sensor.

Emergency alert – unit will produce “di da di da di da” tone once and repeat every 5 seconds. LED will continue to blink on problematic tire. This alert is for emergency situation such as:-

- Tire pressure is too high or too low. It is not recommended to continue driving without checking the condition of the tire. Please stop the car at a safe location to check the condition of the tire.
- Tire temperature is too hot, exceeding 70°C. It is not recommended to continue driving without checking the condition of the tire. Please stop the car at a safe location to check the condition of the tire.

Note that the measured temperature may be lower by 10°C or 50°F compared to the actual temperature of the air inside the tire when the car is moving, due to the cooling effect on the tire valve.

WARNING: FOBO TIRE 2 IS A MONITORING DEVICE TO ALERTS THE USER WHEN IT DETECTS SIGNALS THAT IS OUT OF PRE-SET

CONDITIONS BASED ON THE SETTING BY THE USER. THE USER OR DRIVER IS SOLELY RESPONSIBLE TO FIND OUT THE ACTUAL CONDITION OF THE TIRE AND TO ENSURE PROPER TIRE MAINTENANCE. FOBO TIRE 2 IS NOT RESPONSIBLE FOR WRONG DIAGNOSTICS OR FALSE ALERTS THAT MAY CAUSE INCONVENIENCE.

Summary of Alerts:

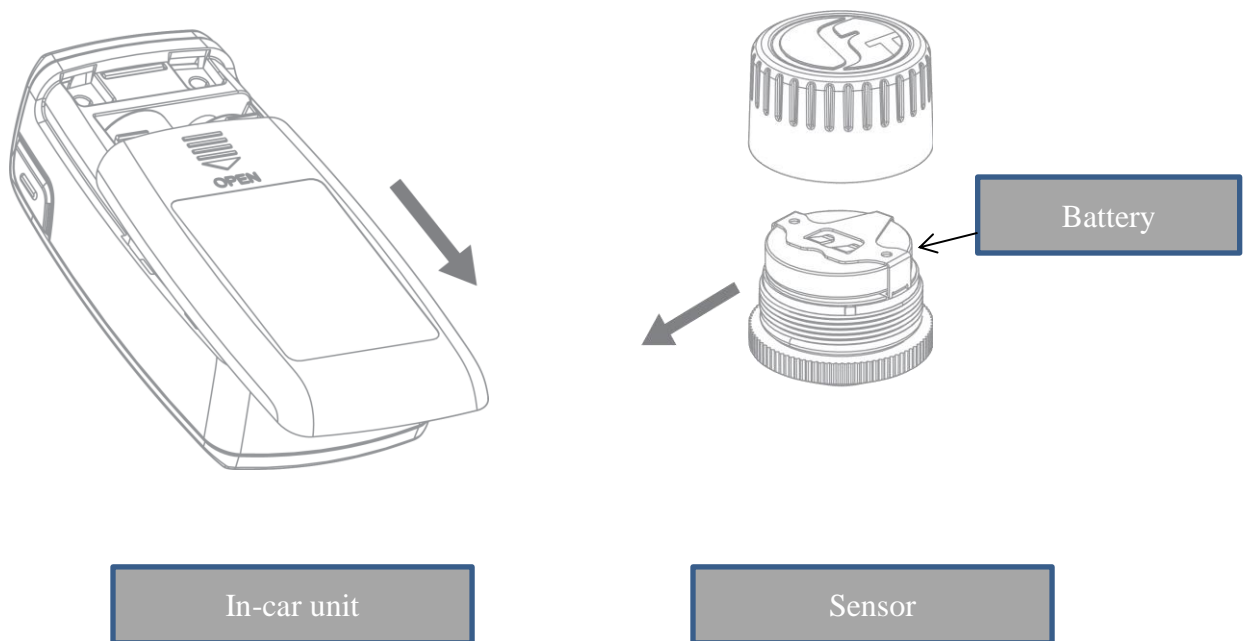
Alarm Level	Trigger Point when threshold breached	Remarks	App Alerts
1st Level (L1)	8% below 25% above	Soft alerts	In-Car unit will beep 5 tone alerts “di di di di di” every 5 minutes for 15 minutes. LED will blink on problematic tire position.
2nd Level (L2)	15% below 35% above	Emergency alerts	In-Car unit will beep continuously with two tone alert “di da di da di da” every 3 seconds for 15 minutes. LED will blink on the problematic tire position.
3rd Level (L3)	Below 160 kPa 45% above	Emergency alerts	In-Car unit will beep continuously with a two tone alert “di da di da di da” every 3 seconds for 15 minutes. LED will blink on the problematic tire position.
	Missing Sensor	Emergency alerts	Same as L2, App will show ERR for the problematic tire position and the notification message will display
	High Temperature (above 70 ^o C)	Emergency alerts	Same as L2
	Battery Low	Soft alerts	Same as L1
For further details on the Alerts, kindly refer to Section 6 of this Manual.			

8 Replacing Battery

The coin cell battery (CR1632) used in the FOBO TIRE 2 sensors could last up to one year based on normal operating condition. Similarly, the AA battery used in FOBO TIRE 2 In-Car unit could last up to two years based on normal operating condition. Operating in extreme cold or hot temperatures may reduce battery operating life for both the tire sensors and the In-Car unit.

To replace the battery of sensor unit, unscrew the top cover. Be careful not to damage the rubber gasket as it may affect water resistance of the sensor unit. Ensure the battery (CR1632) is inserted with the “+” sign facing up, away from the PCB.

To replace battery for the In-Car unit, slide out the battery cover. Ensure the battery (AA) is inserted in the correct orientation. It is advisable to use good quality AA batteries (recommended Lithium or Alkaline) for longer lasting performance of In-Car unit.



Note: It is recommended to remove sensor/in-car unit batteries if you are not going to use it for long time.

WARNING: RE-USING OLD BATTERIES OR MIXING OLD AND NEW BATTERIES IN THE IN-CAR UNIT MAY DAMAGE THE ELECTRONICS.

9 Trouble Shooting Guide

- Unable to pair FOBO TIRE 2 In-Car unit
 - Make sure the battery is installed correctly and battery tab is removed.
 - Press side button on the in-car unit until hear a beep sound and LED flashing at top center of the in-car unit.
 - Make sure your smartphone has Bluetooth 4.0 (Smart Ready) capability. **NOTE: BLUETOOTH 2.0 OR 3.0 WILL NOT WORK WITH THIS DEVICE.**
 - Please check if the FOBO TIRE 2 has been paired before to another FOBO account. You'll need to "Release" the FOBO TIRE 2 set from the FOBO account that it is paired to, before using on your account. The FOBO TIRE 2 is designed to pair with one FOBO account only for theft deterrent feature.
 - Try to do a hard reset on the phone.
 - Try by turning off/on your smartphone bluetooth.
- Unable to get readings from FOBO TIRE 2 sensors after removing the battery tab.
 - Try by removing the sensor battery – wait for 15 seconds – insert back.

10 FOBO TIRE 2 Specifications

FOBO TIRE 2 sensor (TM1802) Specification:

- Bluetooth: v5.0
- Transmit Conducted Power: +5.0dBm (sensor)
- Receiver Sensitivity: Conducted Sensitivity -97dBm @ 0.1%BER
- Antenna Return Loss: Typical -9dB
- Operating Frequency: 2.402~2.480 GHz
- Battery Type: CR1632 (sensor). Operating life up to 1 year. (NOTE: The battery operating life varies according to usage and climate temperature)
- Operating Temperature: -40°C to +85°C (sensor), -20°C to +60°C (sensor with common CR1632 batteries)
- Weight: 7.6g (sensor –with battery)
- Sensor Dimension H x D: 13.8mm x 20.2mm
- Maximum Pressure: 800kPa (116psi)
- ESD: 8kV air discharge & 4kV direct contact discharge according to CE standard

- Operating Humidity: up to 90% non-condensing at 40oC
- Dust and Water Proof: IEC60529 compliant to IP57(sensor)
- Sensor structural threshold: 100N ball pressure intensity test
- Mechanical & Environmental Reliability Testing Standards: IEC 60068-2-2, IEC 60068-2-1, ISO 21750, IEC 60068-2-29, IEC 60068-2-5, IEC 60068-2-32, ISO 15184, ISO 2409, SAE J2657, SAEJ113/13

FOBO TIRE 2 In-car unit (TY1401) Specification:

- Weight: ~44.6g (In-Car – without batteries)
- In-Car unit Dimension HxWxL: 25mm x 48mm x 85mm
- Battery Type: AA (In-Car). Operating life up to two years. (NOTE: The battery operating life varies according to usage and climate temperature).
- Operating Temperature: -20°C to 65°C (In-Car)

11 Warning

- Take note that FOBO TIRE 2 is not meant to function as anti-accident or anti-injury device. FOBO TIRE 2 is not a substitute for safe tire maintenance practices. Please take full responsibility of your own safety while driving. And continue to send your car for regular tire check and maintenance.
- Please take extra precaution to acoustics safety when operating the FOBO TIRE 2 In-Car unit. Note that placing the FOBO TIRE 2 In-Car unit beeper close to your ear may result in injury to the ear or permanent loss of hearing.
- You shall not use the FOBO TIRE 2 in any unlawful way that violates any laws.
- Avoid exposing the FOBO TIRE 2 In-Car unit and sensors to solvent, fire or extreme temperatures.
- FOBO TIRE 2 may fail to function properly if the battery is below optimum level. Replace the battery immediately to continue enjoying full features of FOBO TIRE 2.

CAUTION

THERE MAY BE A RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE ALL USED BATTERIES PROPERLY.

12 Regulatory Information

Federal Communication Commission Interference 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.

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

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

FOR PORTABLE DEVICE USAGE (<20m from body/SAR needed e.g. BT dongle, smartphone)

Radiation Exposure Statement:

The product comply with the FCC portable RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in this

manual. The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such function is available.

FOR MOBILE DEVICE USAGE (>20cm/low power e.g. AP routers)

Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

European Union Regulatory Conformance

This equipment is CE marked according to the provisions of the R&TTE Directive (99/5/EC) and is in compliance with the essential requirements and other relevant provisions of the Directive 1999/5/EC. This equipment meets the following conformance standards:

EN 300 328, EN62479, EN 301 489-1&17, EN 60950-1

EU Declaration of Conformity

Hereby, Salutica Allied Solutions Sdn. Bhd. declares that this Bluetooth device is in compliance with the essential requirements and other relevant provision of Directive 1999/5/EC.

Caution: Changes or modifications to this **FOBO** device not expressly Approved by the party responsible for compliance could void the user's authority to operate it.

Bluetooth Wireless Compatibility:

This **FOBO** device supports the following Bluetooth wireless protocols and profiles:

- Bluetooth core technology v4.0
- Battery Profile (BAS)
- Proximity (PXP)
- Device Information Service (DIS)

Bluetooth Wireless Interoperability:

This **FOBO** device is designed to be interoperating with all Bluetooth wireless products that support compatible profiles and roles including:

- Bluetooth core technology v4.0
- Bluetooth master and slave roles

低功率電波輻射性電機管理辦法

取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前述合法通信，指依電信管理法規定作業之無線電通信。低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

13 Intellectual Properties

- FOBO™ is a trademark of Salutica Allied Solutions Sdn Bhd. All rights reserved.
- FOBO™ TIRE 2 incorporates a few patent pending technologies solely owned by Salutica Allied Solutions Sdn Bhd.
- Bluetooth® is a registered trademark owned by Bluetooth SIG Inc.
- iPhone® is a registered trademark of Apple Inc.

14 Limited Warranty & Disclaimer

14.1 Warranty

FOBO TIRE 2 comes with a 12 months limited warranty. This Limited Warranty does not cover: 1) products purchased from an unauthorized reseller; 2) products purchased through online auctions; 3) products that are operated in combination with software, peripheral or ancillary equipment such as but not limited to batteries, chargers, adapters, headsets, connector cables, and power supplies ("Ancillary Equipment") not furnished or otherwise certified by Salutica for use with the FOBO products or any damage to the FOBO products or ancillary equipment as a result of such use; 4) damage caused by (a) accident, fire, misuse, neglect, unusual physical or electrical stress, or modification; (b) improper or unauthorized installation, wiring, repair, testing or (c) use of the product outside Salutica's published guidelines; 5) instances in which someone other than Salutica (or its authorized service centers) tests, alters, modifies or services the products in any way; 6) products that have (a)

serial numbers or date tags that have been removed or altered, or (b) nonconforming or non-FOBO housings or parts; and 7) consumable spare parts and accessories (unless they are found to be non-functional or broken upon purchase of product).

In order to obtain any warranty service, you agree to bear all shipping charges of the FOBO TIRE 2 device to Salutica's address.

14.2 Disclaimer

SALUTICA MAKES NO OTHER EXPRESS WARRANTY WHETHER WRITTEN OR ORAL AND SALUTICA EXPRESSLY DISCLAIMS ALL WARRANTIES AND CONDITIONS NOT STATED IN THIS LIMITED WARRANTY. TO THE EXTENT ALLOWED BY THE LOCAL LAW OF JURISDICTIONS OUTSIDE MALAYSIA, SALUTICA DISCLAIMS ALL IMPLIED WARRANTIES OR CONDITIONS, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. FOR ALL TRANSACTIONS OCCURRING IN MALAYSIA, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY, SATISFACTORY QUALITY, OR FITNESS FOR A PARTICULAR PURPOSE IS LIMITED TO THE WARRANTY PERIOD AS PROVIDED BY SALUTICA IN THE MATERIALS RECEIVED AT THE TIME OF PURCHASE.

No warranty is made that the software provided by Salutica will meet your requirements or will work in combination with any hardware or Applications software products provided by third parties, that the operation of the software products will be uninterrupted or error free, or that all defects in the software products will be corrected.

14.3 Limitation of Liability

THE MAXIMUM LIABILITY OF SALUTICA UNDER THIS LIMITED WARRANTY IS EXPRESSLY LIMITED TO THE LESSER OF THE PRICE YOU HAVE PAID FOR THE PRODUCT OR THE COST OF REPAIR OR REPLACEMENT OF THAT PRODUCT OR ANY COMPONENT OR PART THAT MALFUNCTION IN CONDITIONS OF NORMAL USE. EXCEPT AS INDICATED ABOVE, IN NO EVENT WILL SALUTICA BE LIABLE FOR ANY DAMAGES CAUSED BY THE FOBO TIRE 2 PRODUCT OR THE FAILURE OF THE PRODUCT TO PERFORM, INCLUDING ANY LOST PROFITS OR SAVINGS OR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES. SALUTICA IS NOT LIABLE FOR ANY CLAIM MADE BY A THIRD PARTY OR MADE BY YOU FOR A THIRD PARTY. THIS LIMITATION OF LIABILITY APPLIES WHETHER DAMAGES ARE SOUGHT, OR A CLAIM MADE, UNDER THIS LIMITED WARRANTY OR AS A TORT CLAIM (INCLUDING NEGLIGENCE AND STRICT PRODUCT LIABILITY), A

CONTRACT CLAIM, OR ANY OTHER CLAIM. THIS LIMITATION OF LIABILITY CANNOT BE WAIVED OR AMENDED BY ANY PERSON. THIS LIMITATION OF LIABILITY WILL BE EFFECTIVE EVEN IF YOU HAVE ADVISED SALUTICA OR AN AUTHORIZED REPRESENTATIVE OF SALUTICA OF THE POSSIBILITY OF ANY SUCH DAMAGES. THIS LIMITATION OF LIABILITY, HOWEVER, WILL NOT APPLY TO CLAIMS FOR PERSONAL INJURY.

14.4 What Law Governs This Warranty

THIS LIMITED WARRANTY IS GOVERNED BY AND CONSTRUED UNDER THE LAWS OF MALAYSIA.