

FOBO Bike 2

User Manual Version Draft

(For iOS 9.3 and Android 5.0 or later)

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1 Introduction

FOBO Bike 2 is the world's most advanced Tire Pressure Monitoring System (TPMS) using Bluetooth Smart (Bluetooth 5.0) technology to monitor your 2, 3 & 4 wheelers tire pressure and temperature. FOBO Bike 2 is using CR1632 battery (User replaceable) which can last 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 Smart Ready (Bluetooth 4.0 or above) capability in order to use FOBO Bike 2. Currently FOBO Bike 2 works best iOS 9.3 and Android 5.0 or later.

Before starting to use FOBO Bike 2, please download FOBO Bike App onto your smartphone from Google Play Store or Apple AppStore.

FOBO Bike 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 Bike 2

FOBO Bike 2 monitors your bike tires non-stop around the clock. Most riders have encountered situations where they need to rush for an urgent appointment only to be stranded by a flat tire. A conventional Tire Pressure Monitoring Systems (TPMS) for bikes could not alert you in advance conveniently because it requires the use of a separate receiver. With FOBO Bike, you will get an alert as soon as the tire pressure drops below a certain pre-set level and as long as your smartphone is within the Bluetooth range (~30m) and App is running in the background. This alert gives you time to get the deflated tire fixed before you need to use your bike.

The FOBO Bike 2 system consists of 2 sensors, and the FOBO Bike App. It requires a compatible smartphone and the FOBO Bike App for installation.

Replace your tire valve caps with the FOBO Bike 2 sensors and pair them according to the App's simple on screen instruction. **NOTE: Under certain conditions the signals from FOBO Bike 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 sensors.**

The sensors will measure tire pressure of each tire and transmit via Bluetooth to your smartphone. In the event of a problem with your tire pressure or temperature, the FOBO Bike App on your smartphone will alert you.

FOBO Bike App can monitor concurrently up to 19 wheels. You will receive data from the tire pressure sensors for all your bikes through a touch of your finger.

If you are sharing your bike with family members or friends, you can allow others to access your FOBO Bike 2 sensors with permission through the FoboShare function. With FoboShare, the other user just needs to download the FOBO Bike App, after adding them through FoboShare family members or friends using your bike will receive alerts (if pressure or temperature is above or below the pre-set limits) and data on their own smartphone immediately.

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

3 Importance of Tire Care

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

When bike tires are underinflated, a rider may feel instability while taking a corner or lack of response when maneuvering the bike. On top of that, underinflated tires reduce the bike's braking distance. The additional rolling resistance may cause build-up 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 and also uneven tire wear. Gas mileage will also be affected due to additional rolling resistance when riding with underinflated tires.

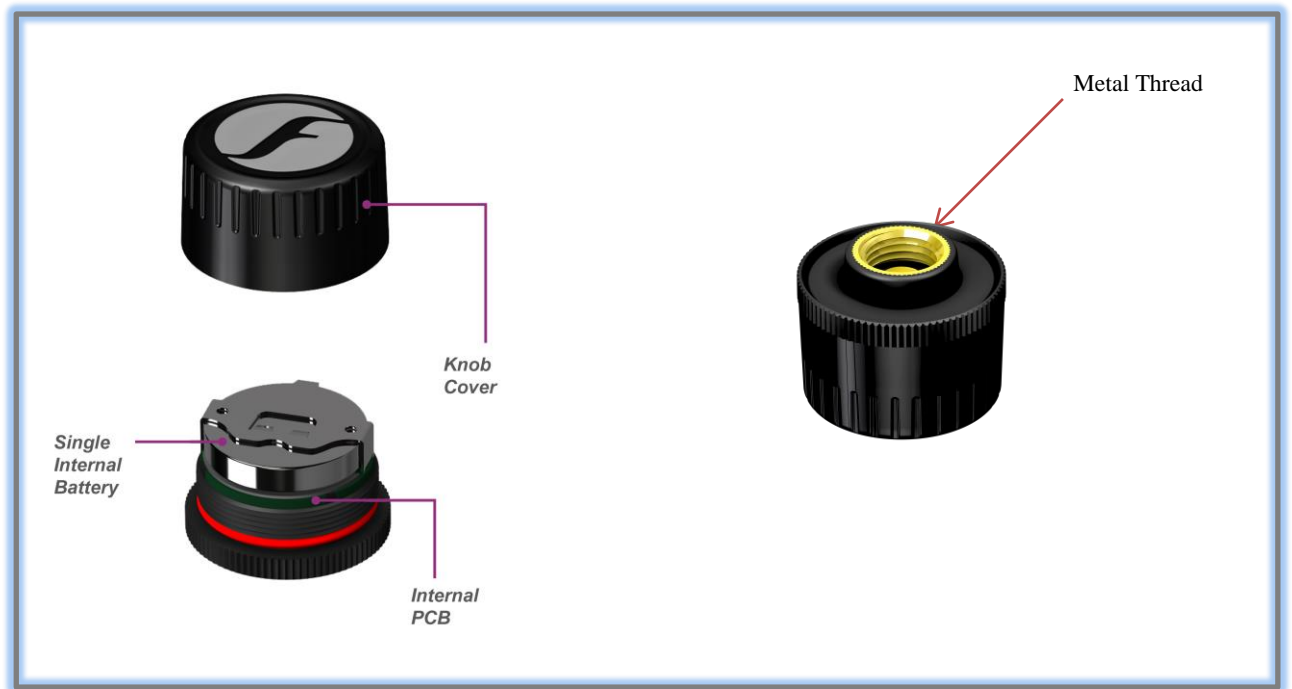
On the other hand, an overinflated bike tire will cause accelerated wear on the center portion of the tire resulting in uneven tire wear. It would also result in a harsher ride and makes the tire more susceptible to damage when going over potholes or debris on the road.

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) Bike manufacturers recommend the optimum tire pressure for their bike models. They may recommend different tire pressure for front and rear tires so please follow the recommendation in the bike user manual. These recommended pressures usually meant for comfort riding and optimum performance of the bike. It is not advisable to go below the recommended pressure level.
- 2) The bike manufacturer recommended tire pressure is “cold pressure”. When you ride your bike to the gas station, the friction on the road will heat up your bike 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, and vice versa for decrease in air pressure. 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 seasons.
- 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 2 psi per month. It is good practice to check your tire pressure regularly and top up to the optimum pressure.
- 5) Every bike tire has a maximum inflation pressure. It is not advisable to inflate to the maximum inflation pressure of the tire. Follow the bike manufacturer’s recommended tire pressure instead.

4 Product Description of FOBO Bike 2

4.1 Tire Sensor Unit



- | | |
|-------------------------|---|
| 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 Bike 2 sensor will read the same pressure value for any given time, 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 'Gage Pressure Reading', the Fobo Bike App has a Gage Pressure, adjusted to local altitude using cell towers or individual phone barometer if available.

FOBO Bike 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, bike 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.

Note that the sensor position is fixed during installation. When installing the sensors, please follow the on-screen prompt of the FOBO Bike App. Do not screw on the tire sensors until instructed by the FOBO Bike App. After installation, in the event the tire sensors positions are mixed up, usually after performing a tire rotation

maintenance, you can easily re-position the sensors to their correct position by selecting 'Rotate Tires' on the FOBO Bike App and follow the on-screen instructions. This eliminates the need to remove the tire sensors physically.

A missing or damaged tire sensor can be replaced easily procedure, through the FOBO Bike App. You will need to purchase a replacement sensor which you can do so online at www.my-fobo.com. To replace the sensor, first select 'Disable/Install Sensor' on the FOBO Bike App on your bike status settings and the App will prompt you to tap on the tire position that you want to replace for 5 seconds. The box will then show "Disabled". Then, select 'Disable/Install Sensor' again and tap on the same box and the App will prompt you to install the replacement sensor. Follow the on-screen instruction and the replacement sensor will be paired and ready to use.

NOTE: Battery life span up to 1 year 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.
- 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.

4.2 Sensor Lock nuts and wrench



FOBO Bike 2 sensors are tied to a FOBO account after installation. They are not reusable or transferable without the owner consent. This is a theft deterrent feature to discourage theft.

As an additional anti-theft feature, all FOBO Bike 2 package comes with lock-nuts and a special wrench. FOBO Bike 2 sensor 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, bike 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. Hold the valve stem with one hand and tighten the lock nut with the wrench on another hand. This is to avoid the valve from twisting making it unable to tighten the lock nut.

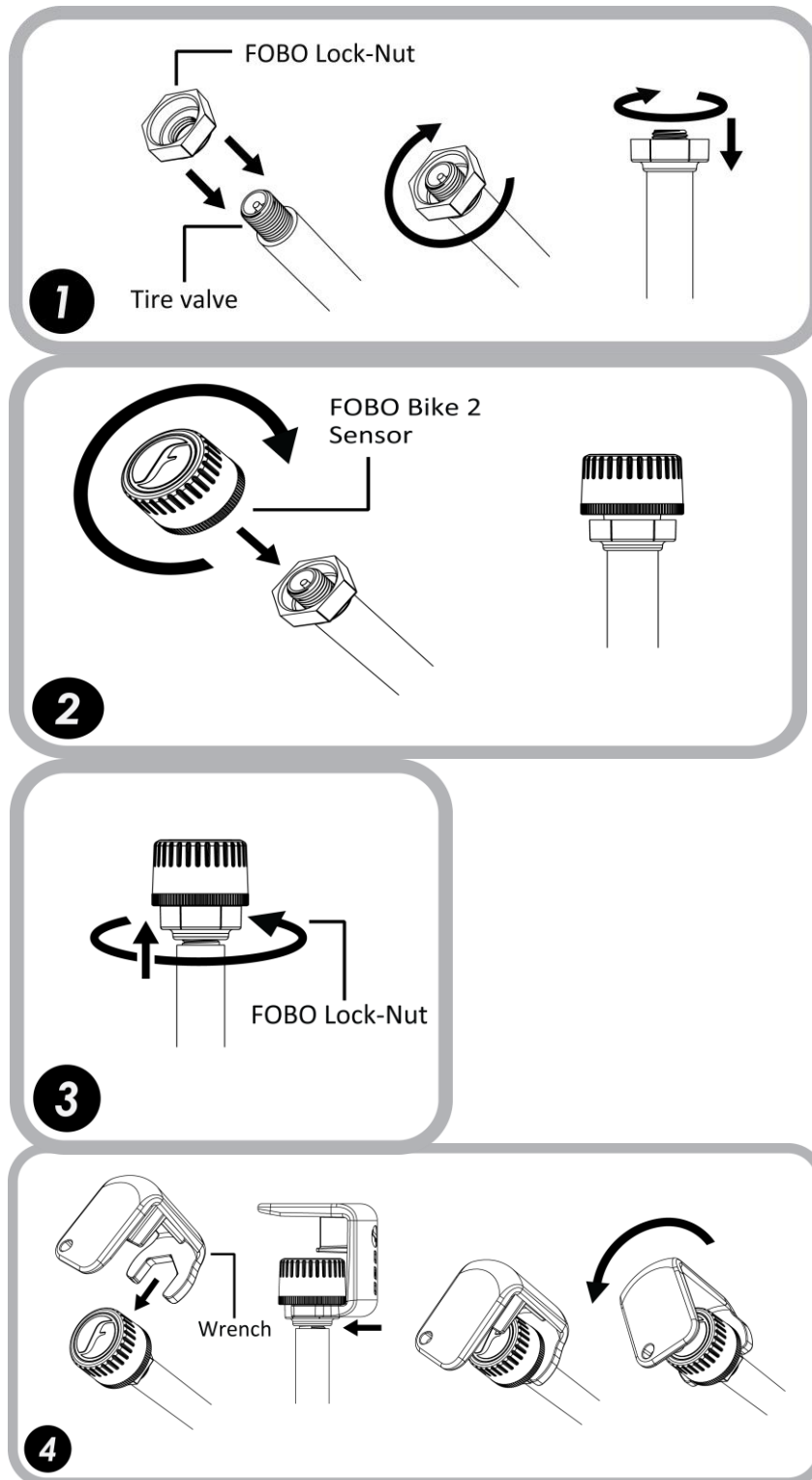
WARNING: Do not apply too much force to tighten the lock-nut. You may face difficulty to loosen the lock nut.

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.

Use the key chain provided to keep the wrench together with your bike keys, so that you don't have to worry about misplaced wrench when you need to remove the sensors when refilling air to your tires.

It is advisable to apply some soap water (on the tire valve installed with FOBO Bike 2 sensor) after installing a sensor in order to check for any leakage.

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



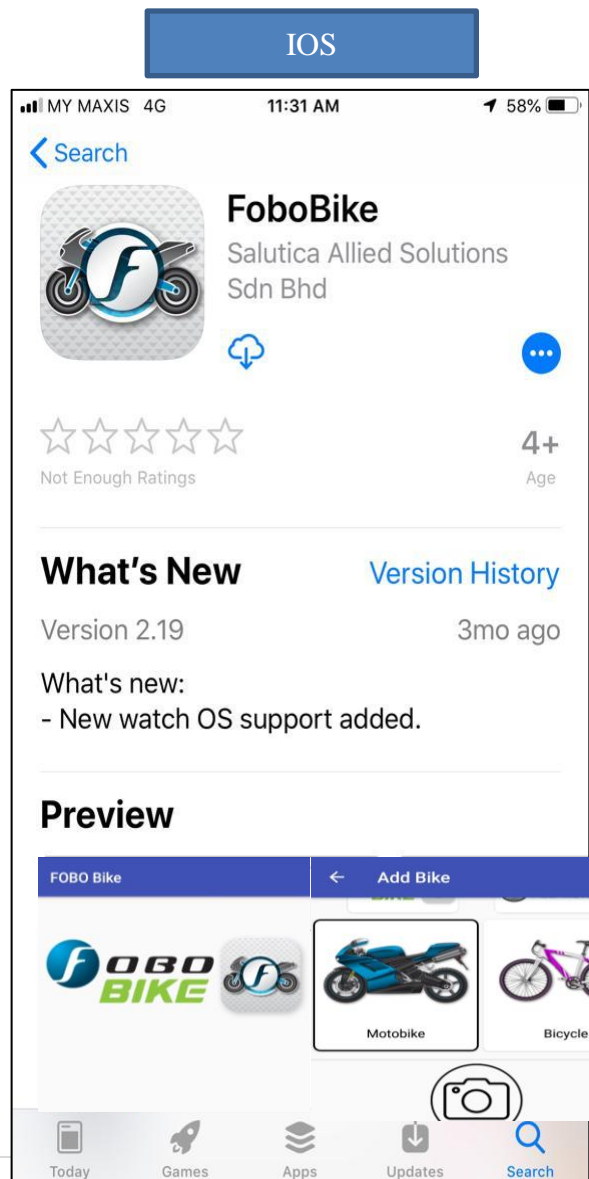
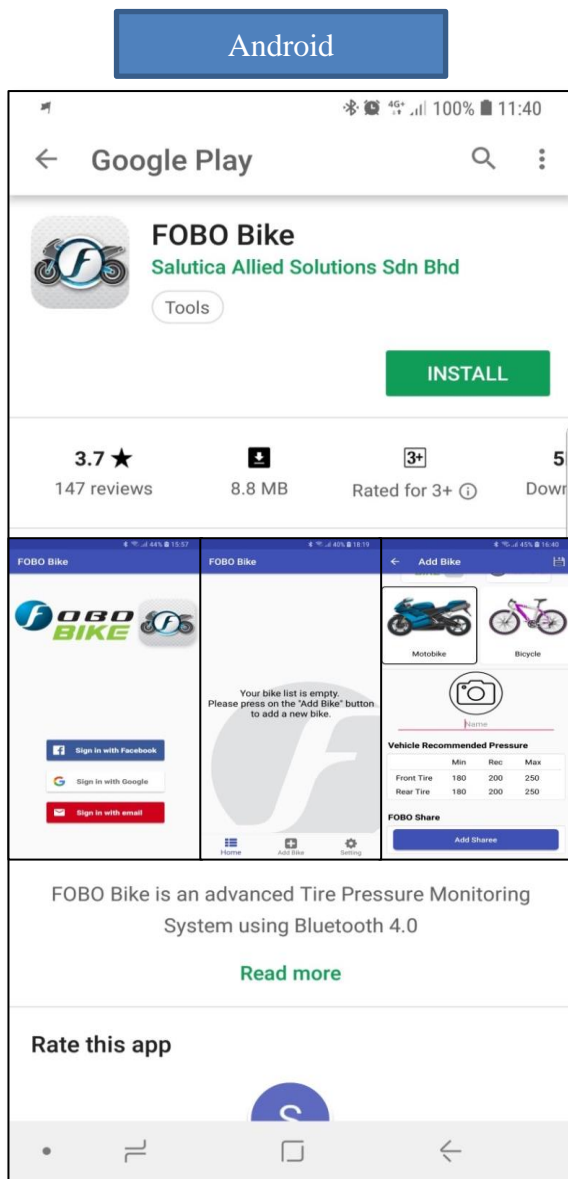
5 Using FOBO Bike 2

5.1 Installing FOBO Bike App

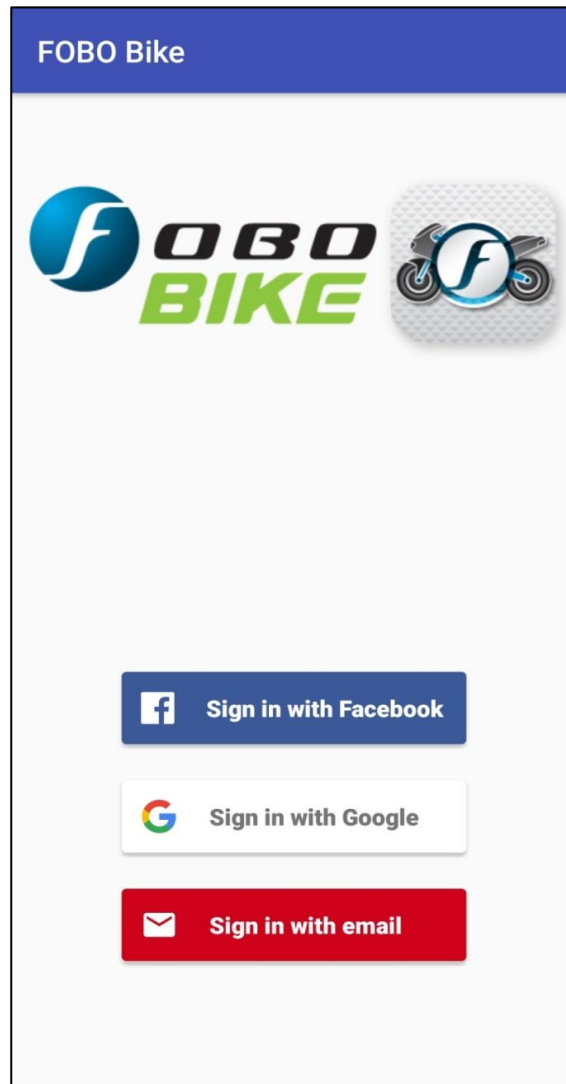
You are required to have a smartphone with **Bluetooth 4.0** (Bluetooth Smart) capability in order to use FOBO Bike 2. The smartphone also must be running on iOS 9.3 and Android 5.0 or later. Follow the steps below to install FOBO Bike 2:-

Step 1: Download FOBO Bike App onto your smartphone

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



Step 2: Launch FOBO Bike App and sign in using Facebook, Google or your personal email address.



Follow the below steps if you choose to login using “Sign in with email”:

- Click on “Sign in with email”.
- Key in your email, First name & surname, Password and click save.
- You will be brought to the FOBO Bike App’s Home screen.

Note:

- Please remember the password you entered while creating an account. You can click on “Trouble signing in” option on sign in 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 in to fobo@salutica.com.my. FOBO representative will be in touch with you to solve the issue.

IMPORTANT:

FOBO Bike 2 sensors are 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 Bike App (FOBO Bike App does not use the GPS function to track your location). The location service on the iOS/Android system has other functionality that the FOBO Bike App uses to operate properly. It will ensure FOBO Bike 2 functions as designed, mainly for alert functions, and also for the gauge pressure feature to work as required by users living at high altitudes. FOBO Bike 2 is designed to be a low energy system and does not drain your smartphone battery excessively.

By submitting your information to sign up as 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 Bike 2 sensors

NOTE:

Do not install the sensors to the bike tire valves until prompted by the FOBO Bike App's on screen instruction.

To minimize the risk of potential electrostatic discharge (ESD) attack, please hold the tire rim when screwing the sensors on to the tire valves. ESD may cause damage to the sensor or impair its function.

Installing FOBO Bike 2 sensors on more than one bike which are closely parked may cause cross interference to the Bluetooth signals. Please install FOBO Bike 2 on one bike at a time.

WARNING!

Please ensure sufficient clearance between installed FOBO Bike 2 sensor and any part of the bike. There is a risk of damage to the sensor or ripping off valve from the

rim or sudden air leak if clearance is insufficient; the valve may deflect under strenuous vibration.

Ensure sensor clearance with vehicle parts is 10mm (1/2”) and 5mm (1/4”) for installation on a rubber valve and a metal valve, respectively.

While FOBO has been advising FOBO users to inspect and ensure good state of rubber valves, some users find it difficult to determine so. Given that the structure of rubber valves degrade over time and over travelled distance, use of sensors on such rubber valve can cause a leak or tire blowout that leads to a sudden loss of control of the vehicles which subsequently leads to an accident and serious injuries. **For the safety of all users, FOBO strongly recommends use of sensors only with metal valves.** If users choose to use rubber valves, users must regularly check if the valves are fit to use. **FOBO is not liable for any untoward consequences.**

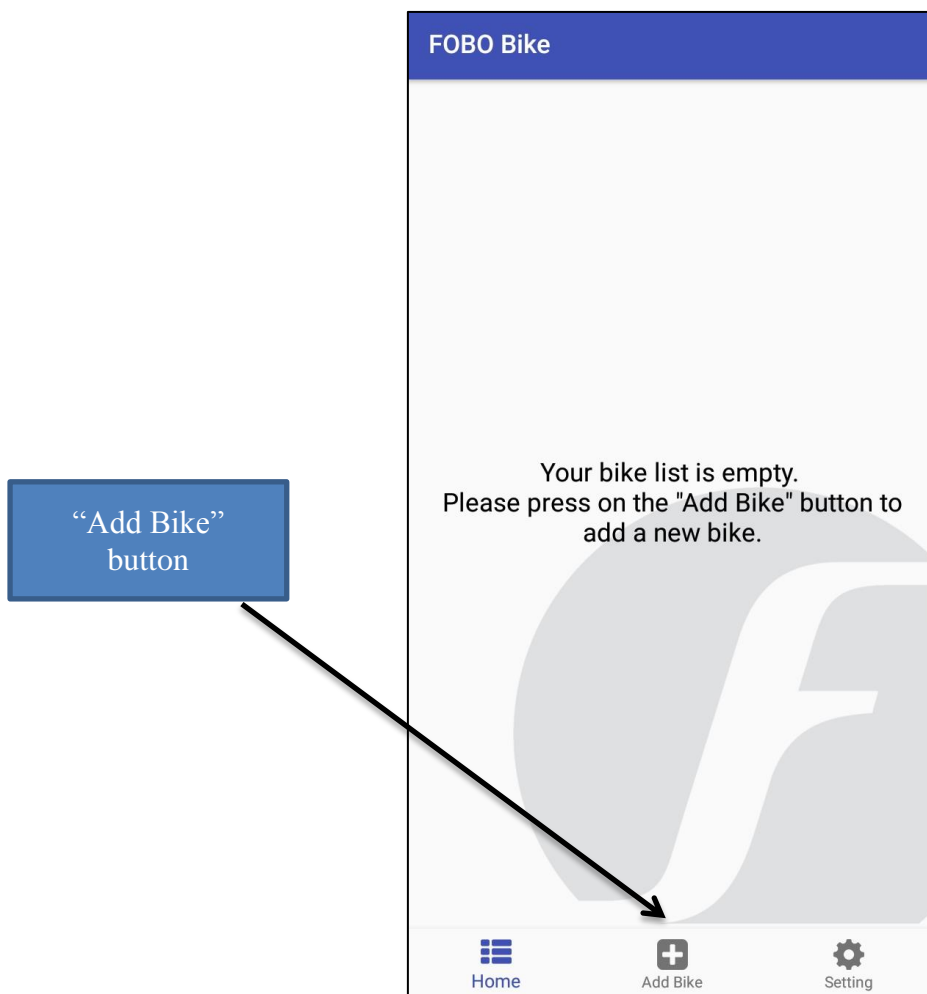
We highly recommend using Metal valves; T-valves and short metal valves are available on our web-store. Follow the below link to purchase:

https://my-fobo.com/Store#tab_FOBOACCS

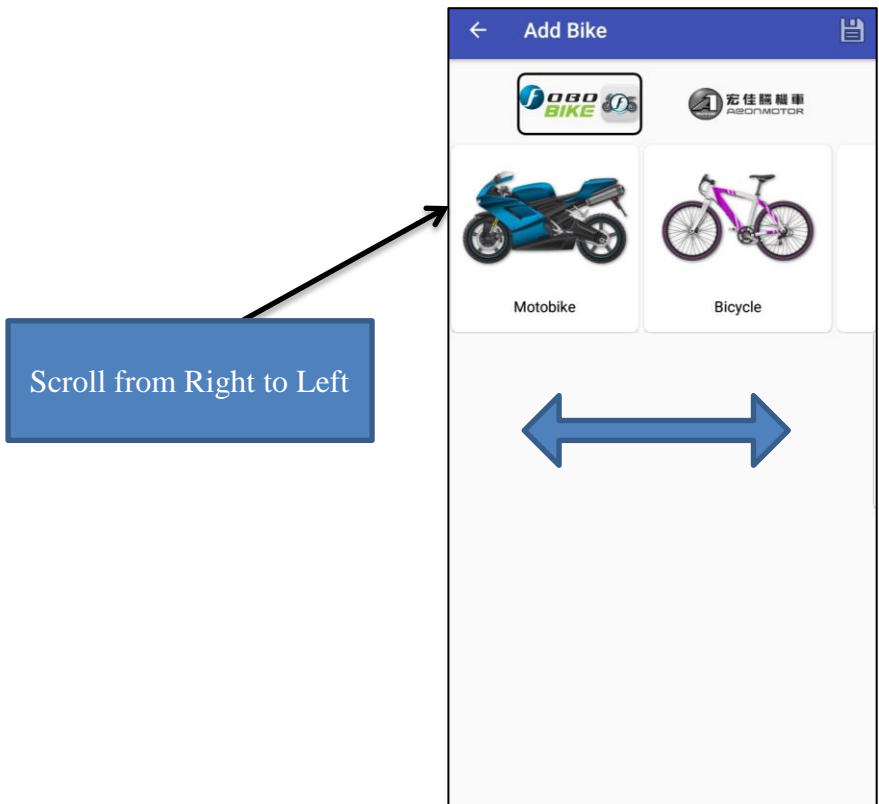
To begin using FOBO Bike 2, firstly ensure that the FOBO Bike App is downloaded and you have already login to the App ([see section 5.1 above for installation and login](#)).

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

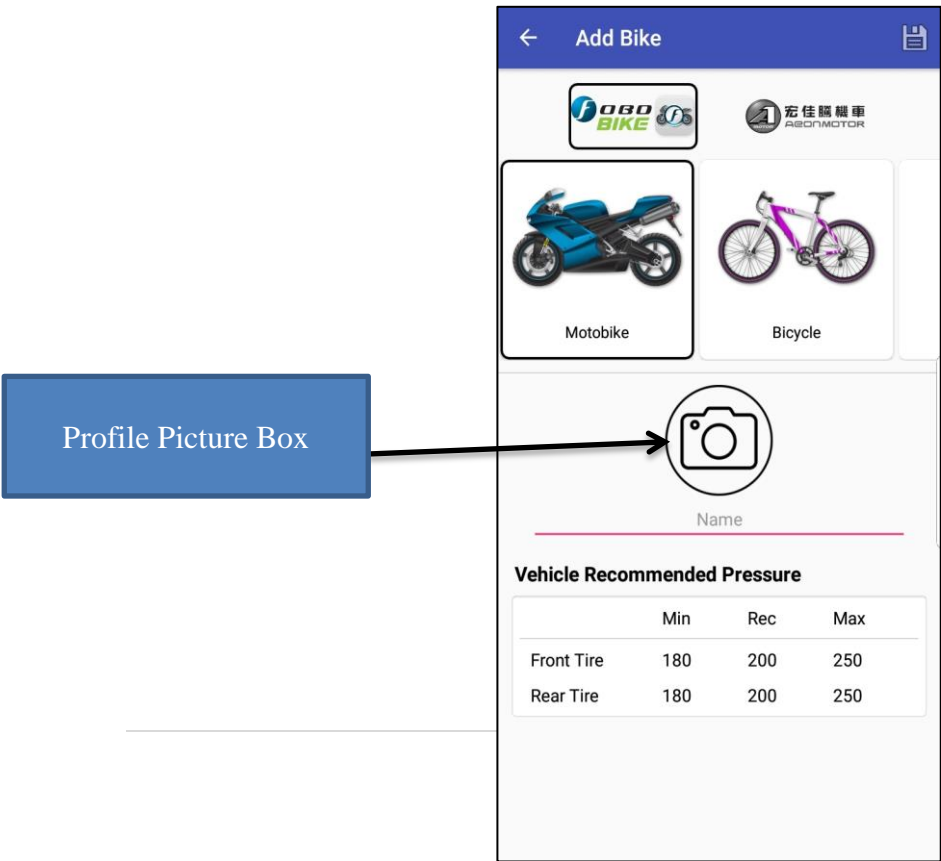
- 1) Turn on your smartphone's Bluetooth and internet connection.
- 2) Open FOBO Bike App.
- 3) Allow all the permissions when prompted by the App.
- 4) Click on Add Bike button “+” on the FOBO Bike App Home page to add a bike to your account.



5) Choose type of bike profile.



6) Tap on the profile picture box and take a picture of your bike.



- 7) Key in the name you would like to identify your bike.

The screenshot shows the 'Add Bike' screen with a blue header bar containing a back arrow and a save icon. Below the header are two logos: 'FOBO BIKE' and '宏佳騰機車 ASON MOTOR'. There are two selectable options: 'Motobike' (with a blue motorcycle icon) and 'Bicycle' (with a pink bicycle icon). Below these is a camera icon and a 'Name' input field. A blue box labeled 'Bike Name' has an arrow pointing to this field. At the bottom is a table titled 'Vehicle Recommended Pressure'.

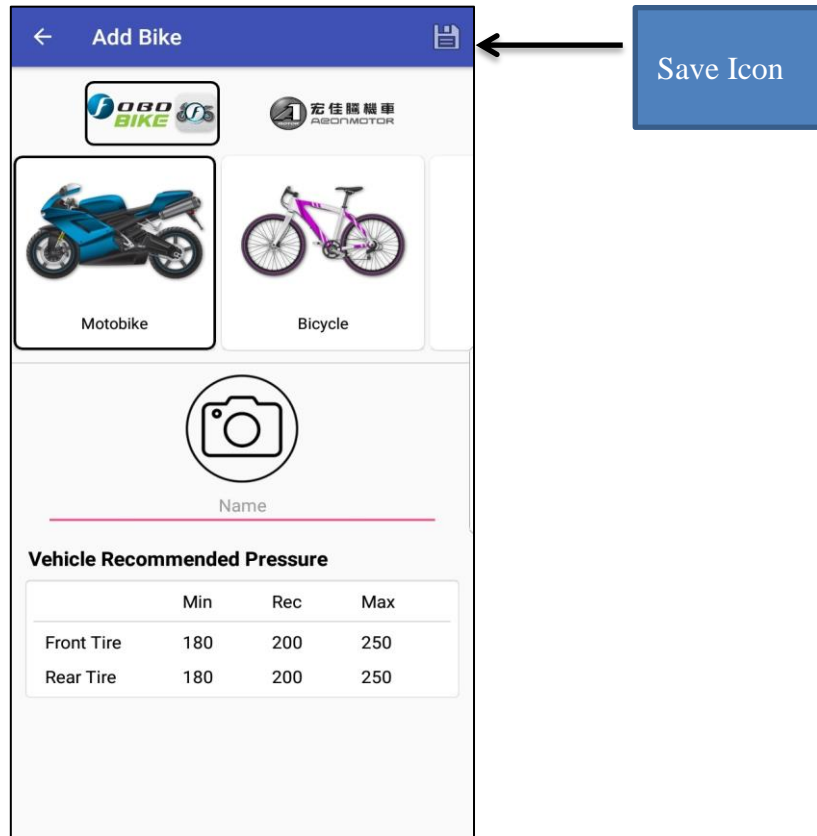
	Min	Rec	Max
Front Tire	180	200	250
Rear Tire	180	200	250

- 8) Select bike manufacturer recommended tire pressure. Refer to the bike owner's manual for the recommended tire pressure. You cannot proceed with the pairing without the input of this information into the FOBO Bike App.

This screenshot is identical to the previous one, but with a blue box labeled 'Recommended Pressure' and an arrow pointing to the 'Rec' column of the 'Vehicle Recommended Pressure' table. The 'Rec' column values (200 for both front and rear tires) are highlighted with a blue box.

	Min	Rec	Max
Front Tire	180	200	250
Rear Tire	180	200	250

- 9) Click on save icon at top right corner of the screen.



- 10) Click on the bike profile, you will be prompted to install the sensor. Follow the instruction on the screen. Screw FOBO Bike 2 sensor on to tire valves only when you are prompted. Make sure your smartphone is nearby or touching the sensor to detect signal from the sensor unit. If you had screwed in the sensor before instructed by the App, remove the sensor completely and screw it back in again.



CAUTION:

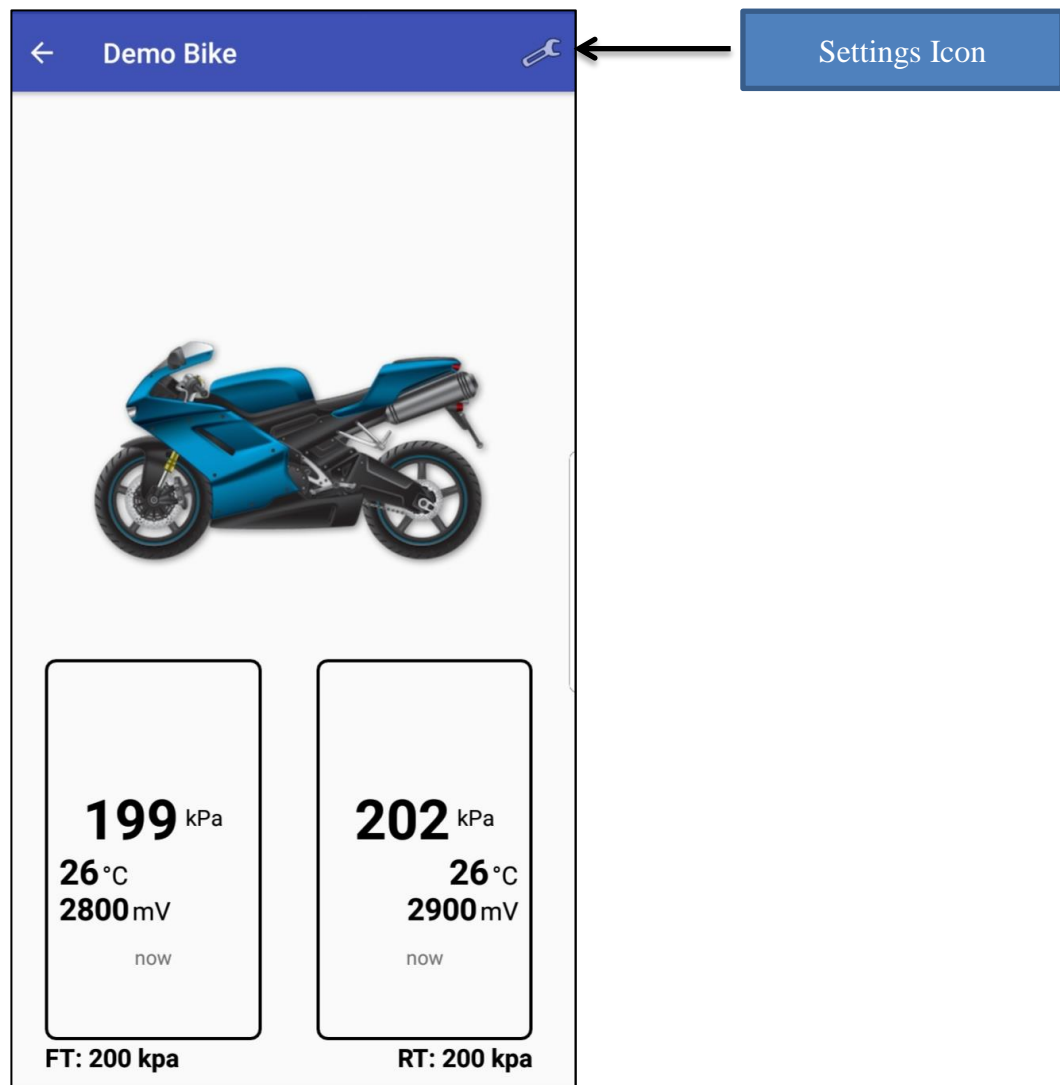
Motor vehicles of all kinds (cars, trucks, motor scooters and motorcycles) come with a very wide array of rims, wheels, and tires, with an even larger choice of aftermarket products. It is impossible for us to test every combination and check the fitment of the FOBO sensor. In some instances, when the 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 (such as the brake system on a motorcycle), 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 (FOBO Share)

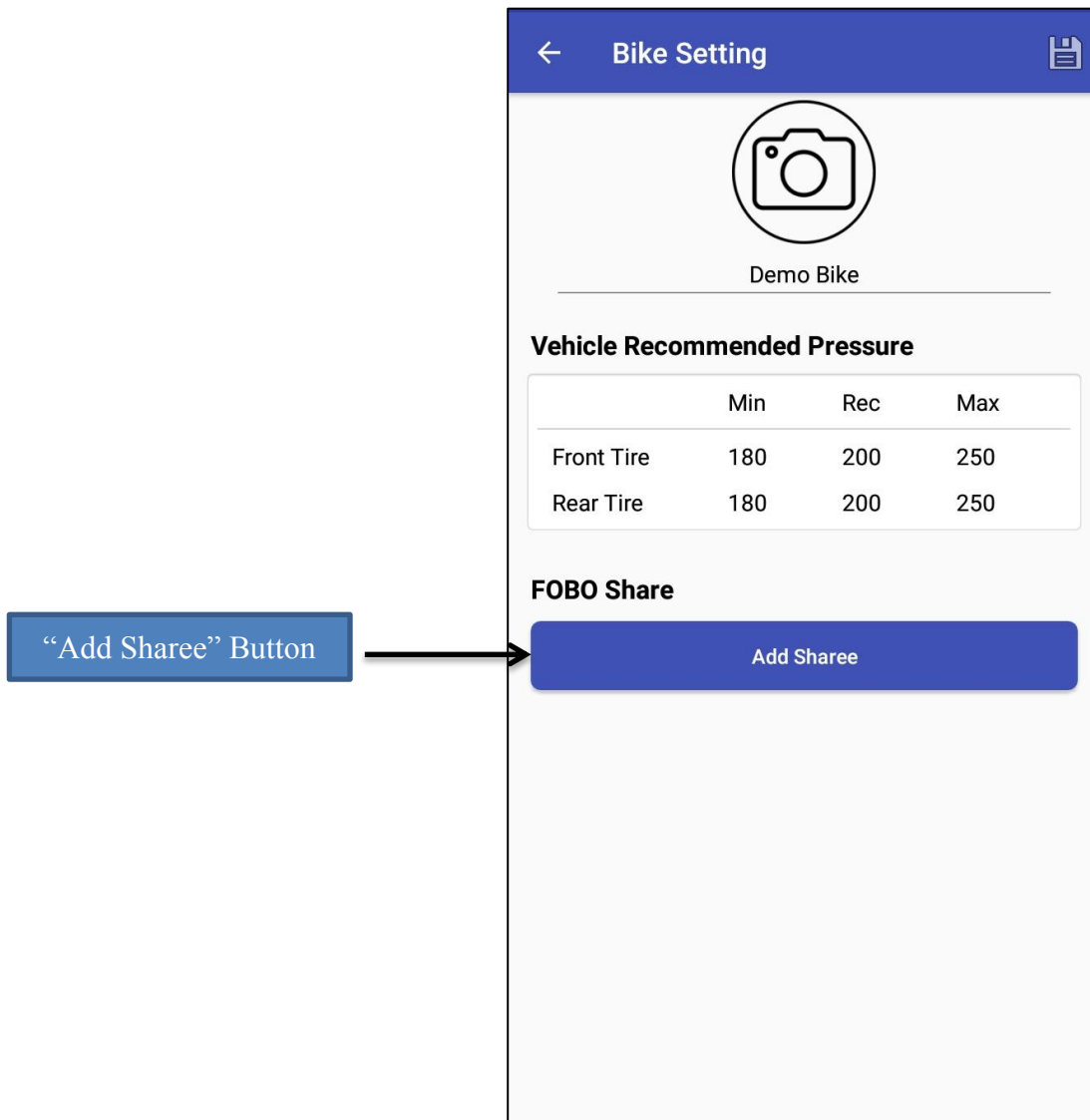
FOBO Bike 2 is easy to share with your family members and friends. You can share FOBO Bike 2 with up to 100 users by using the App's FoboShare function. All that is required is that these other persons download the FOBO Bike App (they will also need an iOS/Android smartphone with Bluetooth 4.0 that is running on iOS 9.3 and Android 5.0 or later) on their smartphone and activate the account.

Follow the below steps to share your FOBO Bike 2 with other users:-

1. Ensure that the user to be shared (recipient) has downloaded the FOBO Bike App and activated the account.
2. Ensure that the recipient's smartphone has Bluetooth and internet connection turned on.
3. On your bike status screen, click on the settings icon.

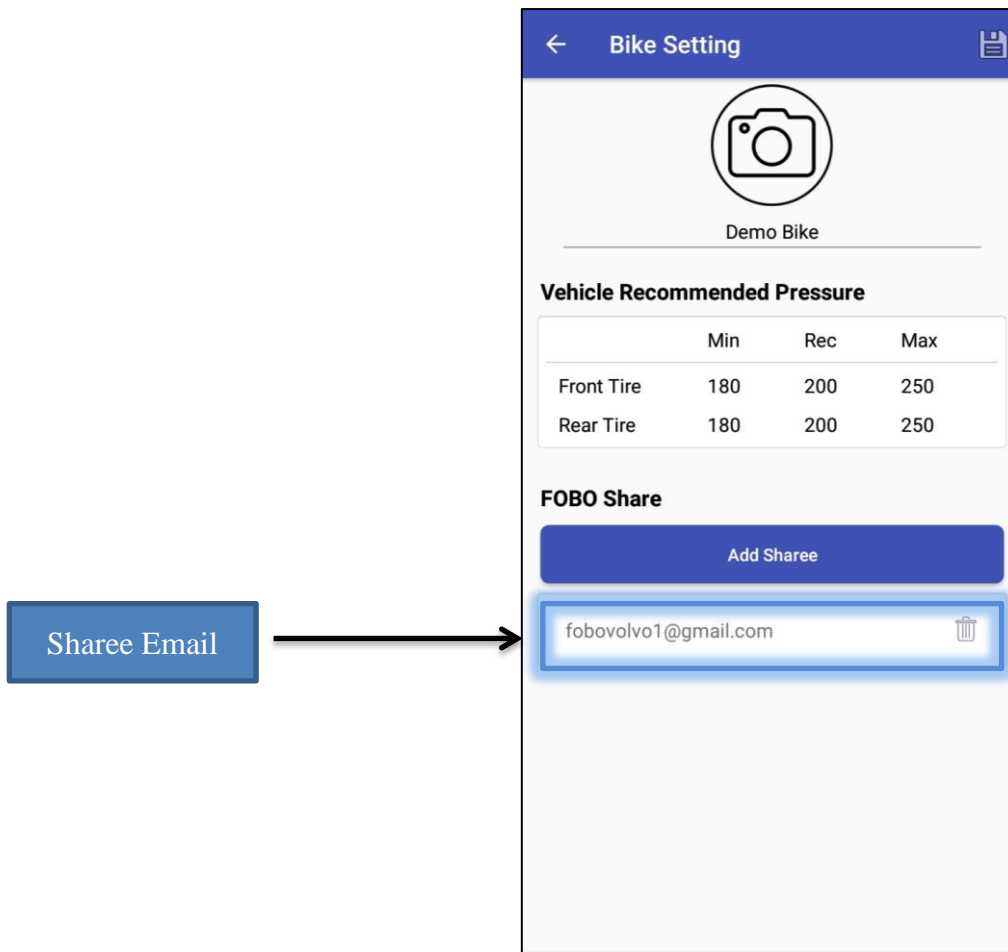


- Click on the “Add Sharee” button and complete the action by using any of the available option.



- Once recipient clicks on the link, the shared profile will appear on his/her smartphone under FOBO bike App. Sharee will start to receive all the data from shared FOBO Bike sensors on his/her smartphone; when he/she (sharee) or Master is within the bluetooth range of the sensors.

6. Sharee Email will appear under Master Account on the “Bike setting” page.



NOTE: Please ensure good internet connection for FOBO Bike App to connect to the cloud.

Note that shared users will not be able to change settings (name, Pressure limits, etc.) on your FOBO Bike 2 profile using their smartphones. They can only view the readings and receive alerts. At the FOBO Bike’s App HOME page, a shared bike will depict a “FoboShare” logo at the bottom of bike profile image to distinguish a shared bike from your own bike.

6 FOBO Bike 2 sensor (TM1802) Specifications

- **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 on1 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

7 Warning

- Take note that FOBO Bike 2 is not meant to function as anti-accident or anti-injury device. FOBO Bike 2 is not a substitute for safe tire maintenance practices. Please take full responsibility of your own safety while riding. And continue to send your bike for regular tire check and maintenance.
- You shall not use the FOBO Bike 2 in any unlawful way that violates any laws.
- Avoid exposing the FOBO Bike 2 sensors to solvent, fire or extreme temperatures.
- FOBO Bike 2 may fail to function properly if the battery is below optimum level. Replace the battery immediately to continue enjoying full features of FOBO Bike.

CAUTION

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

8 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.

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.

Industry Canada statement:

This device complies with ISED's licence-exempt RSSs. 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.

Le présent appareil est conforme aux CNR d'ISED applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

Radiation Exposure Statement:

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

Déclaration d'exposition aux radiations:

Cet équipement est conforme aux limites d'exposition aux rayonnements ISED établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé à plus de 20 cm entre le radiateur et votre corps.

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

12. Intellectual Properties

- FOBO™ is a trademark of Salutica Allied Solutions Sdn Bhd. All rights reserved.
- FOBO™ Bike 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.

13 Limited Warranty & Disclaimer

13.1 Warranty

FOBO Bike 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 Bike 2 device to Salutica's address.

13.2 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.

13.3 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 BIKE 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.

13.4 What Law Governs This Warranty

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