

USER MANUAL

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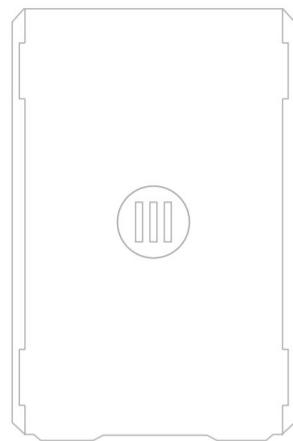
1. THANK YOU FOR PURCHASING MONIMOTO!

Thank You for purchasing Monimoto! We will do our best to help you secure your property.

If you have any issues with Monimoto, please refer to support.monimoto.com

What's in the box:

MONIMOTO



Key Fob



2 RELEASEABLE ZIP TIES



Also included:

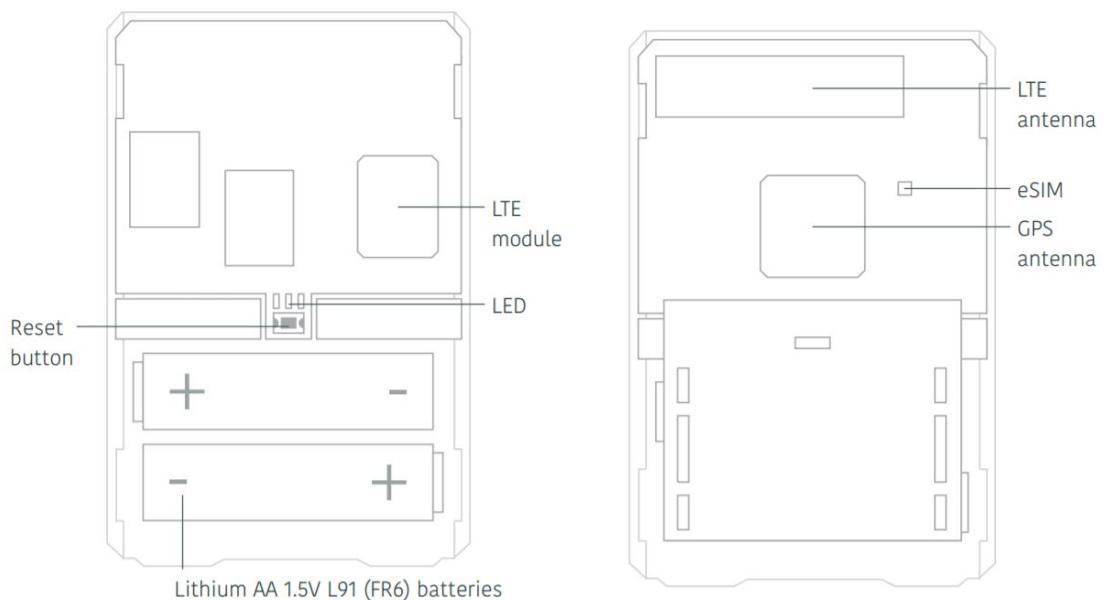
- 2x FR6 batteries
- 1x CR2450 battery

2. BEFORE YOU START

The device can be used with iOS 9.3 or Android 5.0 devices and all subsequent operating systems.

However, your smartphone must also have Bluetooth 4.0+ (BLE) functionality, as the connection between your phone and Monimoto device utilises this technology.

This is the Monimoto device packed with LTE , GPS, Bluetooth, Wi-Fi and other smart tech inside. It also contains an eSIM card (chip soldered to the board) and two FR6 type batteries. This unit is the brain of your smart alarm system with GPS tracking. It is intended to be placed inside your vehicle in order to track it down in case of theft.



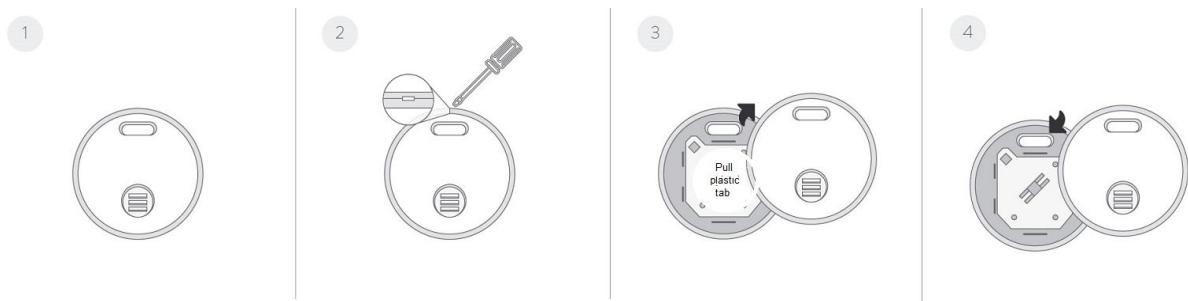
This is a linked Key Fob, which is kept with the owner and works on a proximity basis. It should be kept with the owner (not anywhere inside or on the motorcycle) all the time.

Monimoto Key Fob is not supposed to be used as a Key Fobchain and should be kept separate from your motorcycle Key Fobs – in your pocket or backpack. This will prevent you from losing the linked Key Fob in case your motorcycle Key Fobs are stolen.

Each Monimoto device can connect up to 3 Key Fobs.

P.S. Pay attention to battery sides when inserting it into the Key Fob. Battery should be inserted PLUS side DOWN to the enclosure.

1. Insert flat screwdriver into special hole and lift
2. Two black plastic pieces should be separated
3. Remove plastic strip- battery insulator.
4. Firmly close cover till you click sound

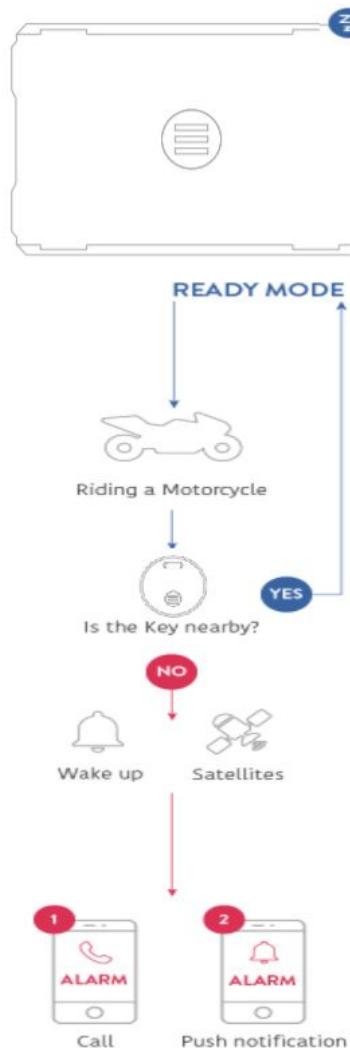


Useful tips:

- The maximum Bluetooth signal range between your smartphone and Monimoto unit is 50m (~150ft) in open area.
- You can add up to 3 Key Fobs to your Monimoto using the app at any time later within 10m (~30ft) range.
- If you have more than one vehicle you can use the same Key Fob for all of them.
- Monimoto is designed to search for satellites and deliver the precise GPS location but GPS signal is usually poor inside the buildings or some other specific areas. In such cases Monimoto sends approximate locations using Cell ID technology.
- Each time Monimoto enters Alarm mode, the battery drains faster so avoid false alarms to save battery time.

3. HOW MONIMOTO WORKS

Monimoto has 2 main modes: Ready Mode (Armed) and Alarm Mode.



IMPORTANT: The app uses internet connection as its primary way to communicate with the device so it's highly recommended to keep mobile data or Wi-Fi turned ON on your Phone at all times.

Please also note that Monimoto is not a 'real time' device. It does not have a permanent connection with the LTE network. Only when the Alarm mode is triggered Monimoto will connect to GSM network. This method considerably saves Monimoto energy.

3.1. READY (ARMED) MODE

Once you go through the setup wizard and successfully configure your device – Monimoto app will start showing status “READY”. This means Monimoto is ready to detect any type of movement and notify the owner if the Key Fob is not around. You do not need to activate Monimoto in any other way.

RIDING A MOTORCYCLE

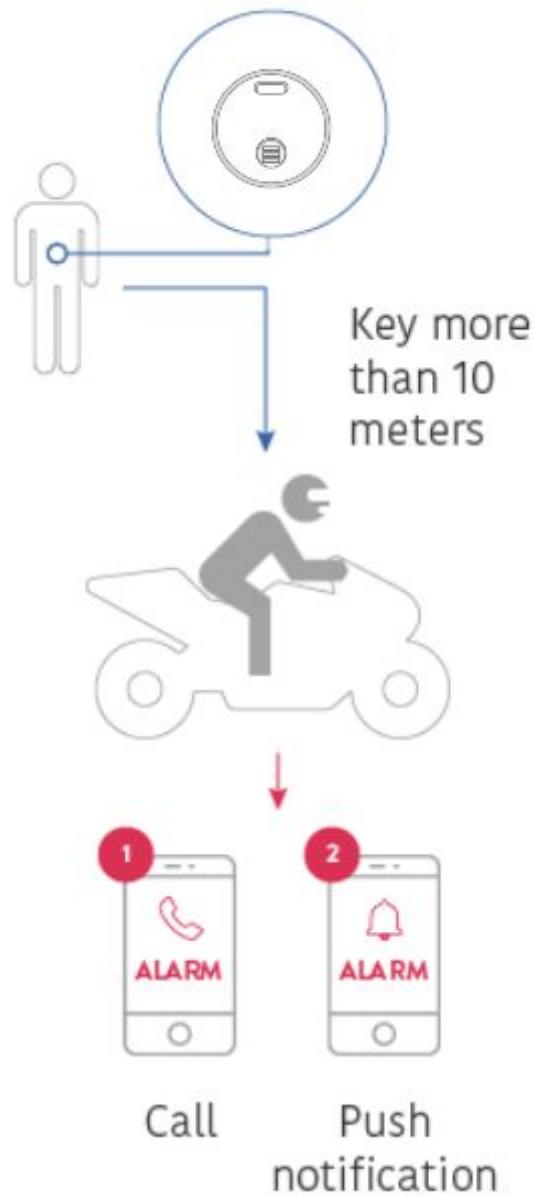
Monimoto also remains in Ready (Armed) mode if the owner has a Key Fob while riding the motorcycle.



3.2. ALARM MODE

When Monimoto senses any type of motion, movement or vibration it will check if Key Fob is around. If

Key Fob is not found, the device will enter Alarm mode.



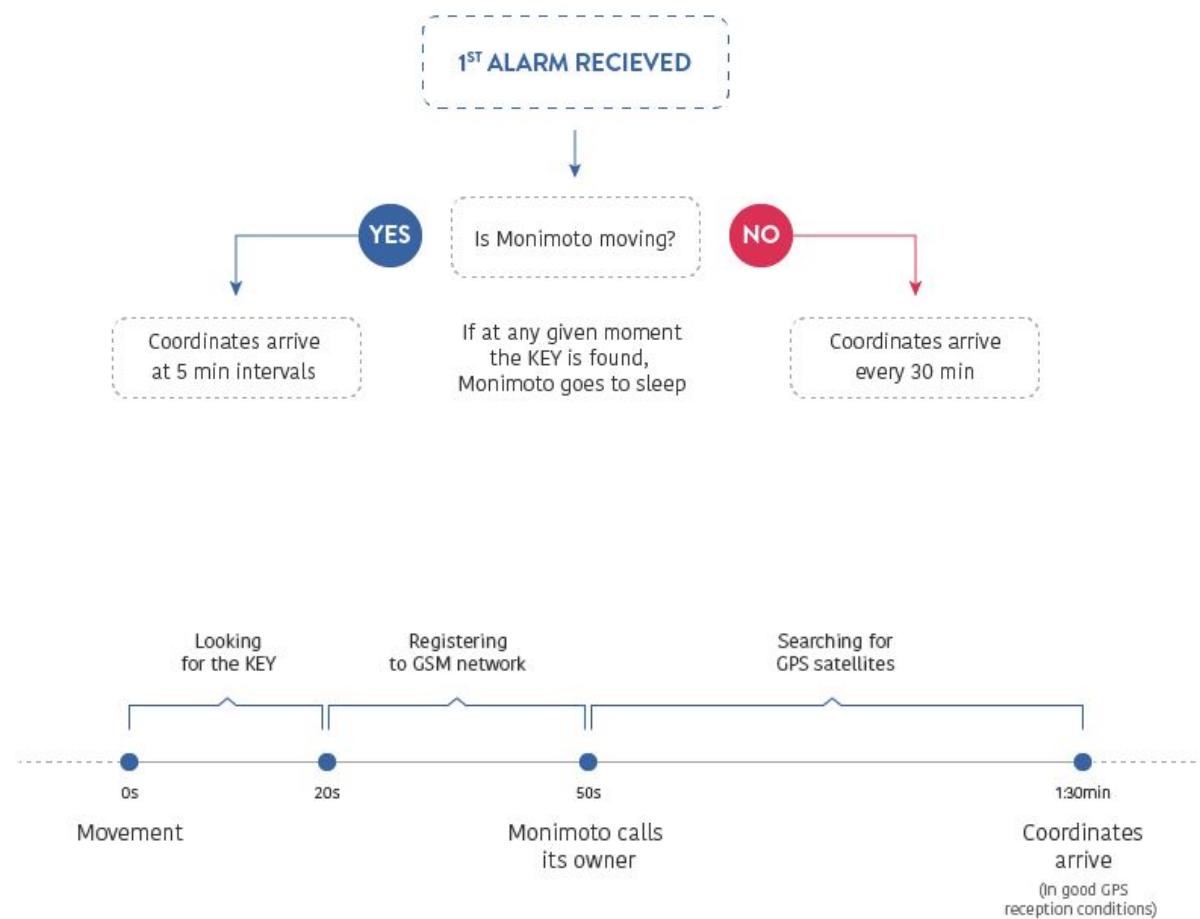
When in alarm mode Monimoto first calls the owner's number. It will call twice and after that it will push notification to the Monimoto app when precise location data is received from GPS or approximate location from LTE network triangulation using Cell ID.

If you answer the first time Monimoto call it will not call second time and this will result in quicker delivery of the Monimoto location data to the app. (Don't worry, you won't need to

speak to your device and make people think you're mad. Just hit the "answer" button and the call will end. This way Monimoto will know that you have been notified.)

By default you will get updates every 5-10 minutes (1 min if Live enabled) in alarm mode while the movement lasts. Once your Monimoto-equipped vehicle has stopped moving you will be updated after 30 minutes and alarm mode will be canceled.

These two timelines illustrate how Monimoto behaves time-wise:

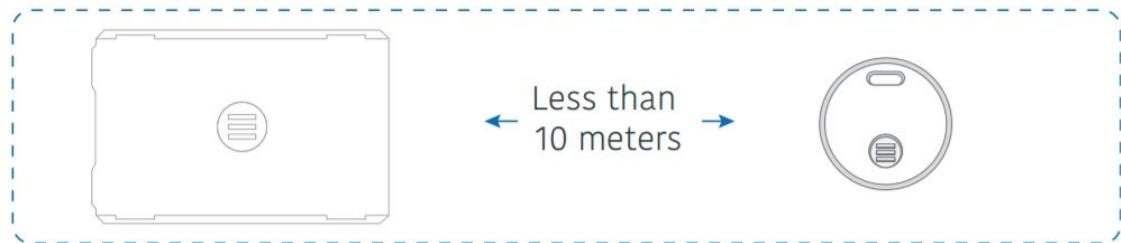


3.3. EXIT ALARM MODE

These are the **4 main** conditions for returning Monimoto back to the Ready (Armed) mode:

- **Exit Alarm with Key Fob.** Once the Key Fob is detected within the 10m (~30ft) range, Monimoto will automatically return to Ready mode.

RETURNED TO READY MODE



- **Send to sleep by app.** Sleep mode can be entered from Alarm mode only when the user manually chooses to sleep the device. User can put Monimoto to sleep remotely for 1, 5 or 24 hours using the app. This action will deactivate Monimoto and **you will not be able to bring it back to Ready (Armed) mode until the selected sleep period ends**. After that it will return to the Ready (Armed) mode automatically, no action is required. This can be useful if you've gone for a ride but forgot Monimoto Key Fob at home and want to stop receiving the alerts and save battery life. Or if you gave your motorcycle to a friend but.. forgot to give them the Key Fob.



- **Deactivate by app.** You can turn off the Alarm mode by app only when your phone is within the range of Bluetooth signal. If you open the app and establish Bluetooth connection with Monimoto on settings Tab— it goes to Ready (Armed) mode and the Alarm mode ends.

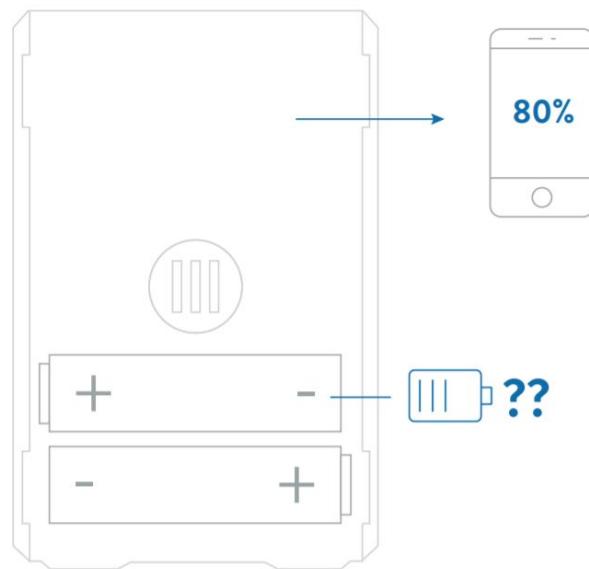


- If there is no motion for 30 minutes Monimoto cancels alarm

4. PERIODIC CHECK

Monimoto regularly performs a battery check and updates status to your phone. If Monimoto encounters LTE network issues or batteries are drained and periodic checks cannot be performed you will be notified about that in the app.

The frequency of periodic check can be set using Monimoto app.



IMPORTANT: Frequent periodic checks speed up the drainage of Monimoto batteries so choose this setting wisely or leave it at the default.

5. GETTING STARTED

STEP 1

Search “monimoto” in App Store or Google Play Store or click the button:



Download the Monimoto app and install it on your smartphone.

STEP 2

Run the Monimoto app and follow the on-screen step-by-step instructions that will guide through the setup process.



IMPORTANT: Once setup process has been completed you should receive SMS from your device. Be sure to add that number to your contacts with the appropriate name so you recognize it immediately in case of alarm.

STEP 3

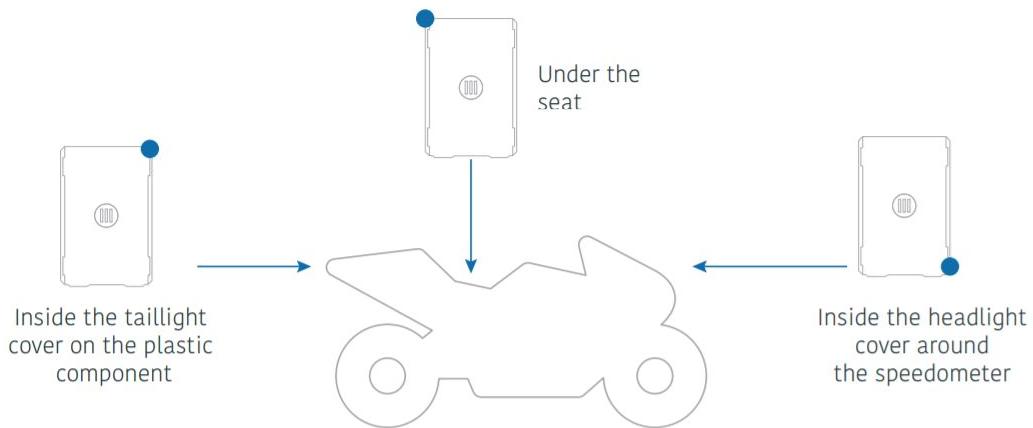
After pairing hide and fix Monimoto using two zip ties in your vehicle.



6. WHERE TO INSTALL MONIMOTO

Monimoto is intended to be placed inside your vehicle in order to track it down in case of a theft. After setting up and configuring your device hide it in your motorcycle or other vehicle.

Recommended Monimoto installation locations for your motorcycle:



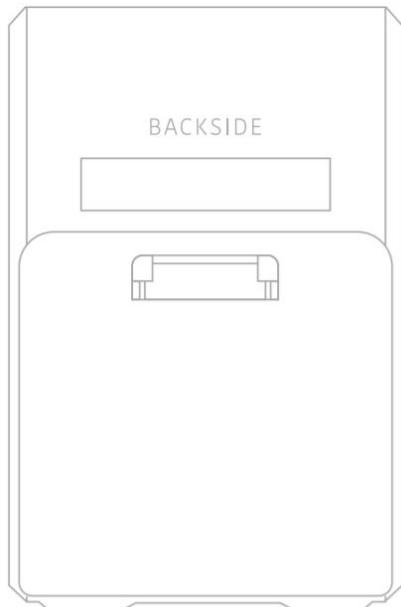
● WARNING!

All antennas (GPS, Bluetooth and LTE) are positioned on the LOGO side of the device. When installing, make sure LOGO is in front (and not towards the metal parts of the vehicle. This is VERY important, as metal blocks radio waves and decreases location accuracy and connectivity.

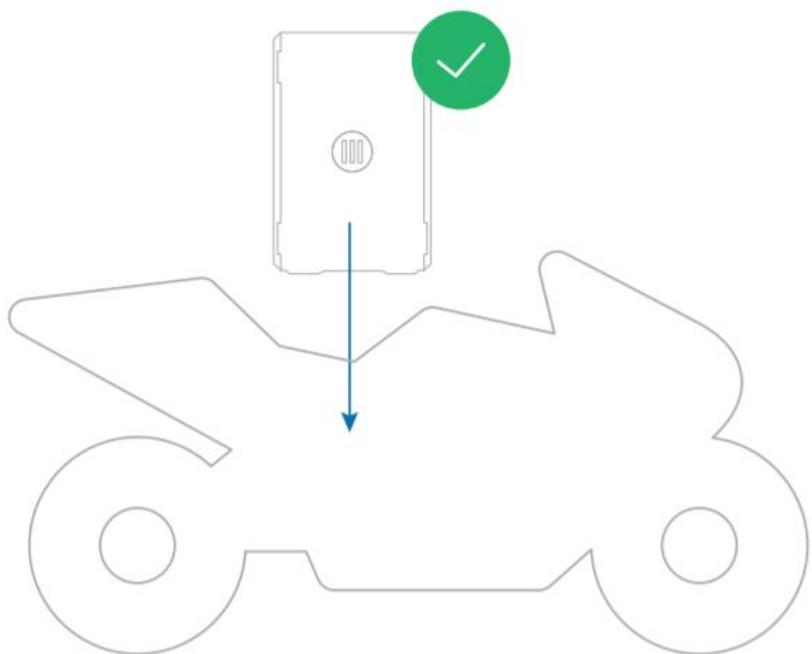
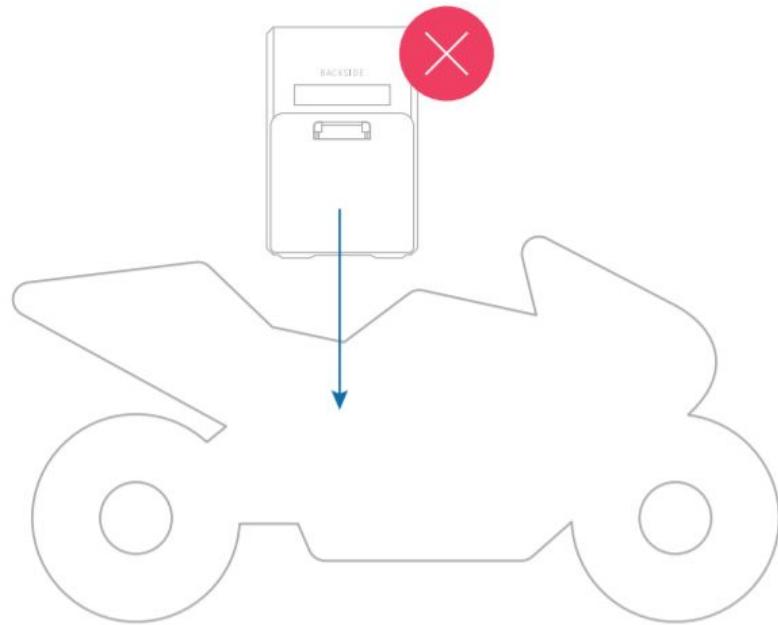
IMPORTANT: Do NOT put Monimoto in an enclosed metal environment as radio waves cannot travel through metal!

7. TESTING MONIMOTO

1. Leave your Key Fob at home.
2. Switch off Bluetooth on your phone.
3. Take your Monimoto-equipped vehicle for a test drive. Or simply do something to keep your bike moving it for at least 8 seconds.
4. In approx. 1 minute you will receive a call from Monimoto device and soon after the call push notification should arrive to the Monimoto app.
5. Open the app and check whether it is showing the precise GPS or approximate LTE network based location.
6. If you got the precise GPS location – put the device to sleep using the app to save batteries and go home to take the Key Fob. Congratulations, your vehicle is now safe!
7. In case you received an approximate location please re-install your Monimoto in a different spot inside your vehicle. Best satellite signal reception is achieved when the GPS antenna is pointing upwards, or to the side. **Never install Monimoto LOGO towards vehicle metal parts, frame or cable harnesses. The back side of the tracker is suitable for fixing.**



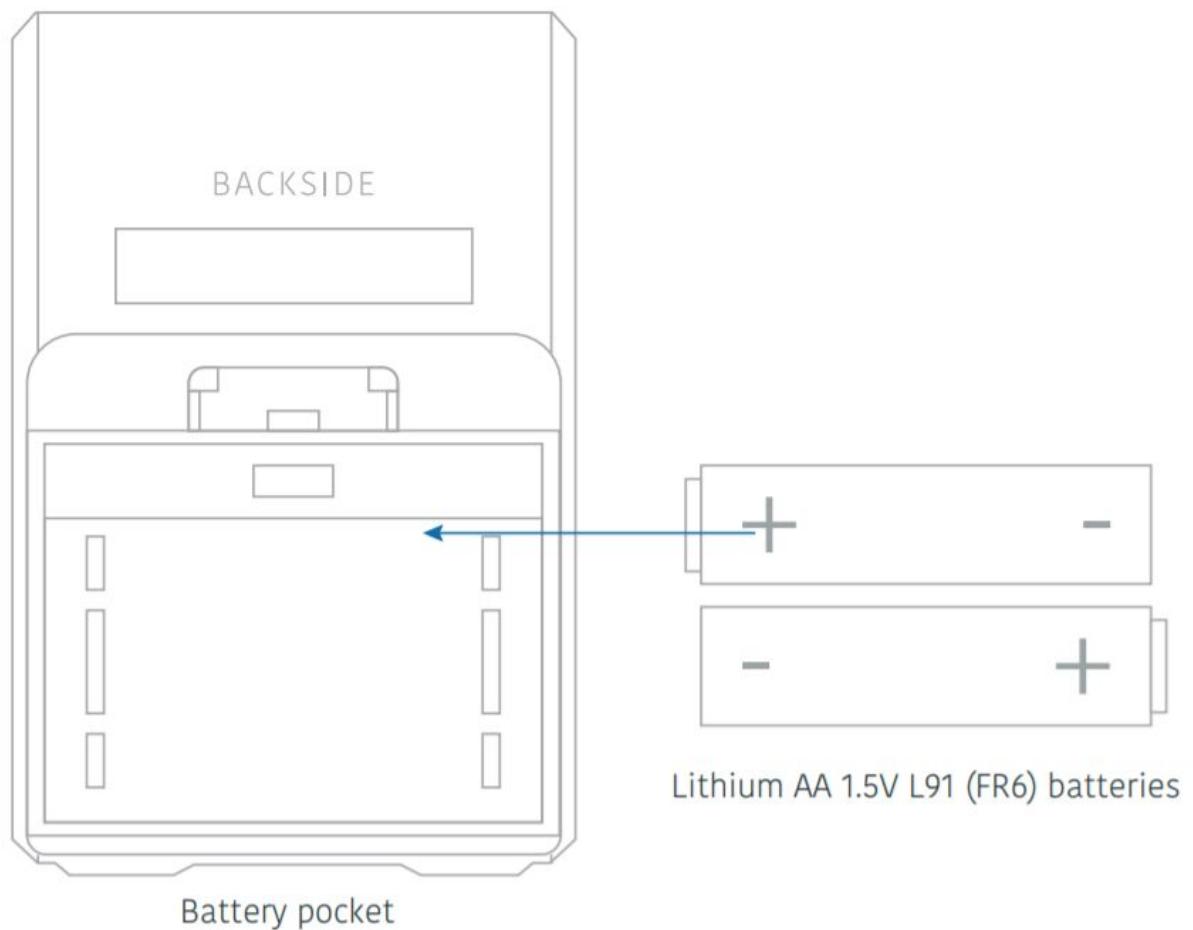
8. Repeat the test drive until you get the precise GPS location.



IMPORTANT: Before testing Monimoto ensure the Key Fob is more than 100m (~330ft) away from the device. Also make sure that the mobile app is closed.

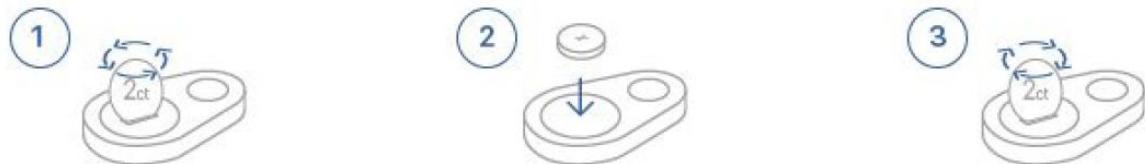
8. BATTERY REPLACEMENT

1. Remove Monimoto from your vehicle by releasing zip ties.
2. Remove the old AA FR6 batteries from the battery pocket and properly dispose..
3. **Wait for 2 minutes. Otherwise you will not get fresh battery info on spot.**
4. Position the new batteries and insert them into the battery pocket based on the positive/negative terminals as indicated on the main board of Monimoto.
5. Place it back into the installation location of your vehicle.
6. Test Monimoto by following the instructions provided in Testing Monimoto.



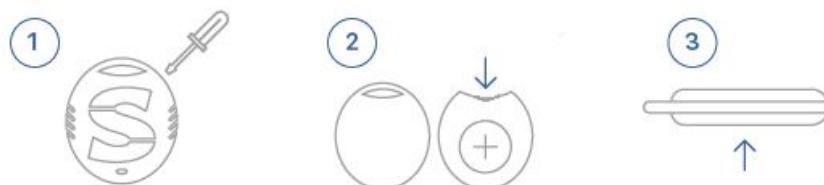
Key Fob v1

1. Open the Key Fob lid using 2 euro cent coin.
2. Remove the old battery from the battery pocket.
3. Position the new CR2032 battery and insert it into the battery pocket facing positive (+) terminal up.
4. Close the lid following small pointers with the same 2 euro cent coin.



Key Fob v2

1. Insert flat screwdriver into special hole and lift.
2. Two black plastic pieces should be separated. Position the new CR2032 battery and insert it into the battery pocket facing positive (+) terminal up.
3. Firmly close cover till you click sound



Key Fob v3

1. Take Key Fob with you.
2. Insert flat screwdriver into special hole and lift.
3. Two black plastic pieces should be separated.
4. Put enclosure with battery on a table.
5. Slide old battery with your finger to left side. Then remove old battery properly dispose of the used battery. .
6. Put new CR2450 battery to the enclosure. The positive (+) side of the battery faces down into the enclosure and the negative (-) faces outwards.

7. Slide new battery to the right side till battery is in its slot.
8. Firmly close cover till you click sound.



Battery life could be affected by the selection of the "Periodic Check". For example, if you want to see the Monimoto location any time during the day by enabling the location

9. RESTORING DEFAULT PARAMETERS

1. Ensure the batteries are inserted into your Monimoto.
2. Push and hold the reset button for 3 seconds button
3. You will see a few LED blinks and as a result you will see one long green LED 3 seconds blink.

10. LED INDICATIONS

LED indication	Description
Short RED flash every 2 sec	Alarm started and searching for Key Fobfob. GSM is off.
Short RED first then GREEN flashes every 2 sec	Searching for GSM network
Two short RED flashes every 2 sec	Successfully registered on mobile network
Few short RED blinks and one Long GREEN flash once batteries are inserted	Device is reset to factory settings
RED/GREEN simultaneously flashes every 5 sec	Device is in firmware update DFU mode
RED flash every 1 sec	App is connected

11. UPDATING FIRMWARE

If new firmware is available, you will see it once you connect in to Monimoto with the app by pressing Connect from the settings menu.

12. TECHNICAL SPECIFICATIONS

Batteries	MONIMOTO: AA 1.5V Lithium 3000mAh L91 (FR6) (2 batteries) Key Fob v3: 3V Lithium CR2450 (1 battery)
Battery operation time	MONIMOTO: up to 12 months* Key Fob: up to 12 months*
Monimoto 7 model MM7E1 LTE modem Bands	2, 4, 12, 13 and GSM 900/1800Mhz for EU
Bluetooth version	v4.1; 2.4GHz frequency
GPS lock time	Hot start: <2 sec (open sky); Cold start: <45 sec
Assisted GPS, eSIM	
Dust and water resistance rating	Monimoto: IP64 Monimoto Key Fob: IP65
Range of operating temperatures	-15... +55°C (-4... 131°F)
Dimensions	94x62x19mm (3.7×2.44×0.75in)

*The operation time might vary in different conditions.

13. ADDITIONAL INFORMATION

TERMS OF USE

The following terms and conditions govern the use of the MONIMOTO device and contains important information on limitations regarding the product's use and function, as well as information on the limitations of the manufacturer's liability. Please carefully read these terms and conditions for download, installation, display and use of the mobile application ("Application") before you download, install, display or use the Application.

TECHNICAL SUPPORT

In order to ensure continuous and proper operation of the MONIMOTO device and uninterrupted service, it is the responsibility of the User to make sure that: (i) the product is properly installed, and (ii) there is constant internet or LTE connection and electrical supply (low battery must be replaced in time).

If you experience difficulty during the installation or subsequent use of the system, you may contact "Monimoto, UAB" distributor or dealer in your country/region. For more information see monimoto.com

SAFETY INSTRUCTIONS

Please read and follow these safety guidelines in order to maintain safety of operators and people around:

- DO NOT use the system where it can cause potential danger and interfere with other devices – such as medical devices.
- DO NOT use the system in hazardous environment.
- DO NOT expose the system to high humidity, chemical environment or mechanical impact.
- DO NOT attempt to repair the system yourself – any repairs must be carried out by fully qualified personnel only.
- DO NOT try to disassemble Monimoto.
- NEVER install or carry out maintenance during stormy weather.
- To switch the system off, remove one of the batteries.
- Keep new or used CR2450 batteries (ones that are used in Monimoto Key Fob3 or CR2032 for older Key Fob models) out of the reach of children. If a battery is swallowed, it can lead to serious burns resulting in internal bleeding or death.
- **Risk of explosion if the battery is replaced by an incorrect type.**

WARRANTY PROCEDURES

To obtain warranty service, you may return a defective system to your original point of purchase, or the authorized “Monimoto UAB” dealer or the distributor from which you purchased the MONIMOTO product. In order to request warranty service, the purchaser is required to provide proof of purchase.

MANUFACTURER WARRANTY

“Monimoto UAB” warrants this system only to the original purchaser and only in case of defective workmanship and materials under normal use of the system for a period of twenty four (24) months from the date of shipment by the “Monimoto UAB” (Warranty Period). Warranty obligations do not cover expandable materials (power elements and/or batteries),

holders and enclosures. The warranty remains valid only if the system is used as intended, following all guidelines outlined in this manual and in accordance with the operating conditions specified. The warranty is void if the system has been disassembled or exposed to mechanical impact, chemicals, high humidity, fluids, corrosive and hazardous environments or force majeure factors.

If a hardware defect arises and a valid claim is received within the Warranty Period, at its own discretion, “Monimoto UAB” will either (a) repair a hardware defect at no charge, using new or refurbished replacement parts, or (b) exchange the product with a product that is new or which has been manufactured from new or serviceable used parts and is at least functionally equivalent to the original product, or (c) refund the purchase price of the product.

LIMITED LIABILITY

The buyer must agree that the system will reduce the risk of theft, burglary or other dangers but does not provide a guarantee against such events. “Monimoto UAB” will not assume any responsibility regarding personal or property, or revenue loss while using the system.

“Monimoto UAB” is not affiliated with any of the Internet providers, therefore, it shall not be responsible for the quality of Internet service.

“Monimoto UAB” shall also assume no liability due to direct or indirect damage or loss, as well as unreceived income when using the system, including cases, when the damages arise due to the above mentioned risks, when due to breakdown or malfunction the user is not informed in a timely manner about a risk which has arisen. In any case, the liability of

“Monimoto UAB”, as much as it is allowed by the laws in force, shall not exceed the price of acquisition of the product.

CONSUMER PROTECTION LAWS

FOR CONSUMERS WHO ARE COVERED BY CONSUMER PROTECTION LAWS OR REGULATIONS IN THEIR COUNTRY OF PURCHASE OR, IF DIFFERENT, THEIR COUNTRY OF RESIDENCE, THE BENEFITS CONFERRED BY THIS WARRANTY ARE IN ADDITION TO ALL RIGHTS AND REMEDIES CONVEYED BY SUCH CONSUMER PROTECTION LAWS AND REGULATIONS. This warranty grants upon you specific legal rights, and you may also have other rights that vary by country, state or province.

DISPOSAL AND RECYCLING INFORMATION



The WEEE (Waste Electrical and Electronic Equipment) symbol on this product (see left) means it must not be disposed of in household waste. To prevent possible harm to human health and/or the environment, you must dispose of this product in an approved and environmentally safe recycling facility. For further information contact your system supplier, or your local waste authority.

Dispose of used batteries according to the instructions.



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“Monimoto UAB” reserves the right to update or modify this document and/or related products without an a priori warning. “Monimoto UAB” hereby declares that smart alarm for motorcycles MONIMOTO is in compliance with the essential requirements and other relevant provisions of the RED Directive

2014/53/EU . The declaration of conformity is available at monimoto.com.

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