

Table of Contents

Product Details.....	2
Introduction	2
Product Features and Use Cases.....	3
Hardware Specification.....	3
JioThings App Flow.....	6
Signup Process	6
Login Process.....	8
Adding a JioMotive.....	9
View Tracking Details of you vehicle.....	13
View Vehicle Health.....	15
View Trip Summary.....	16
Create and Manage Geofence	18
Create a Timefence	22
View and Filter Alerts and Notifications	24
Create and Maintain Records	26
Edit Vehicle Details	29
View other Vehicle Details.....	30

Product Details

Introduction

Have you ever faced below challenges as a car owner?

- Can't track family members or driver online for their safety or to prevent misuse
- Unexpected breakdowns on the road while driving which could be diagnosed digitally
- No identification of vehicle misuse in real-time
- No way to know if vehicle is towed away/ stolen
- Missing regular maintenance of the vehicle
- Dependency on phone's network to connect entertainment devices in the vehicle

JioMotive JCR 1440 is an OBD-II Dongle and is your companion for smart driving. Plug the device in your car, download the JioThings App to unlock a one-stop solution for all vehicle-related needs – from vehicle monitoring and maintenance to keeping track of maintenance requests, storing all vehicle related documents and more!

The entire product offering includes **JioMotive** (hardware device) and **JioThings** app (free app available for Android and iOS).



Dimension: 66.5 * 51 * 22.7mm

Product Features and Use Cases

JioMotive's main features include:

One Stop Vehicle Management: Know whereabouts of the vehicle, track vehicle health, manage vehicle related documentation in one place and ensure safety & security of the vehicle through location and time-based fencing

Trip Management: See a summary of trips taken, analyze individual trips and check safety & efficiency parameters

Driver Management: Monitor driver behavior and track harsh driving events. Ensure driver & passenger safety through breakdown/emergency assistance

Navigation and Routing: Smart navigation features that include location-based services such as navigating to vehicle's last known location, creating a geographic boundary, live tracking and more!

In-car Connectivity: Create a portable hotspot from the device for your in-vehicle entertainment units

Hardware Specification

JCR 1440: 4G OBD II device - Brief

Model	Mobile Router with OBD II JCR1440
Color	Black
Main Chipset	MDM9x07 + NXP IMXRT1051CVL5
Memory	4Gb ROM + 2Gb RAM
Memory (MCU)	512KB RAM + 1MB SPI Flash (external)
UE Category	Cat - 4
Throughput	DL 150Mbps / UL 50Mbps
Wi-Fi	802.11 b/g/n support up to 6 users
Bluetooth	BT4.0
Sensor	3D Accelerometer and 3D Gyroscope
DC	12V/24V

Mechanical

- Dimension: 66.5 * 51 * 22.7mm
- Backup Battery : Super capacitor 5F
- Antenna : LTE : 1T2R, Wi-Fi/Bluetooth : 1T1R, GPS

Environmental

- Operation temperature -10°C - + 60°C
- Storage temperature -20°C - + 80°C
- Humidity 5% to 95% (non-condensing)

Interface

- 3 LEDs : LTE Status/Wi-Fi/GPS Status
- Micro USB (Debug purpose)
- OBD II Connector

Understanding of LED Signals

LTE



	Good signal
	Medium signal
	Service not available or weak signal
	Sleep mode or power off

GPS



	GPS fixed
	GPS is searching and trying to get fixed
	Sleep mode or power off

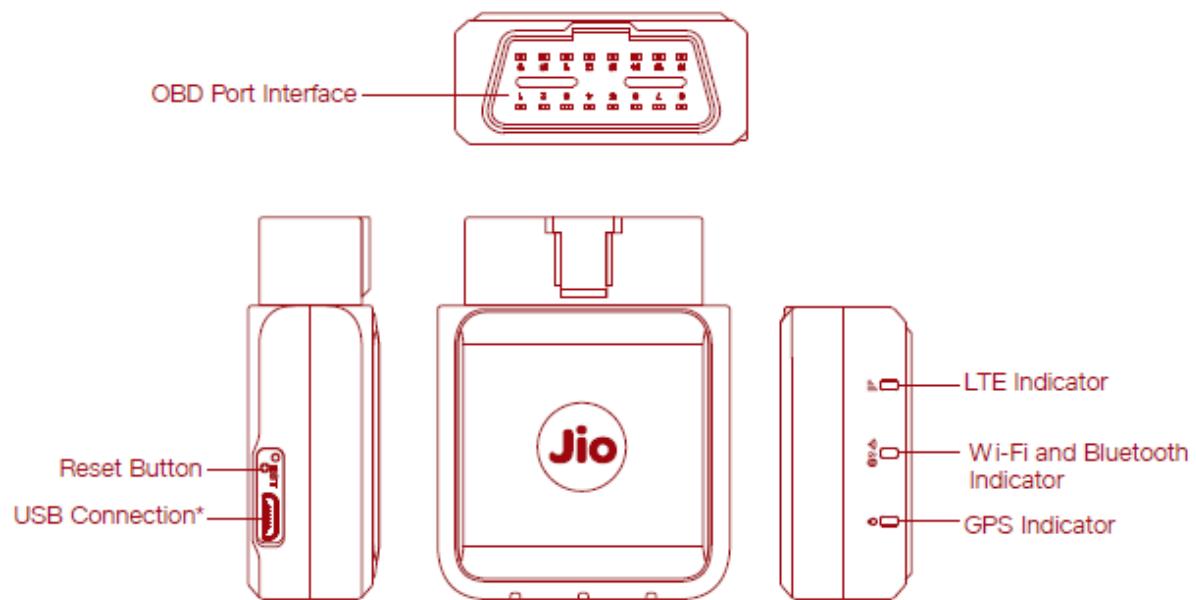
Wi-Fi & Bluetooth



	BT on/Wi-Fi standby (no connection)
	BT on/Wi-Fi connected, data ongoing
	BT on/Wi-Fi connected, no data
	BT/Wi-Fi off

Features

- GPS/AGPS
- Sensors : Gyroscope, Accelerometer
- Wi-Fi Hotspot/BT 4.0
- OBD Protocols - CAN ISO15765-4(11/29Bit ID, 250/500k Baud)



JioThings App Flow

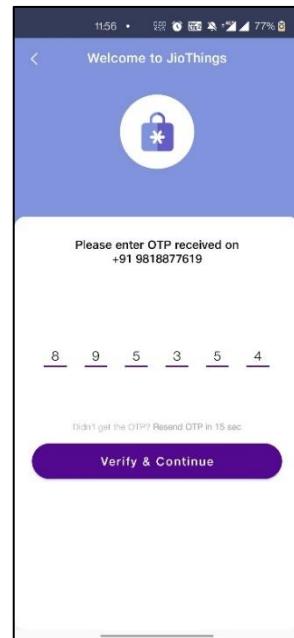
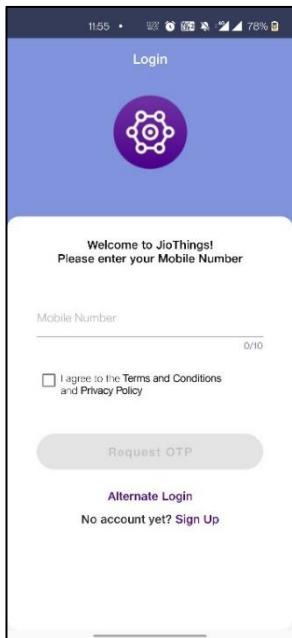
Signup Process

To sign up into the JioThings app, follow these steps:

- 1) Launch the **JioThings** app in your phone.
- 2) When you first launch the JioThings, you will be taken through a set of screens, giving you further information about the app.



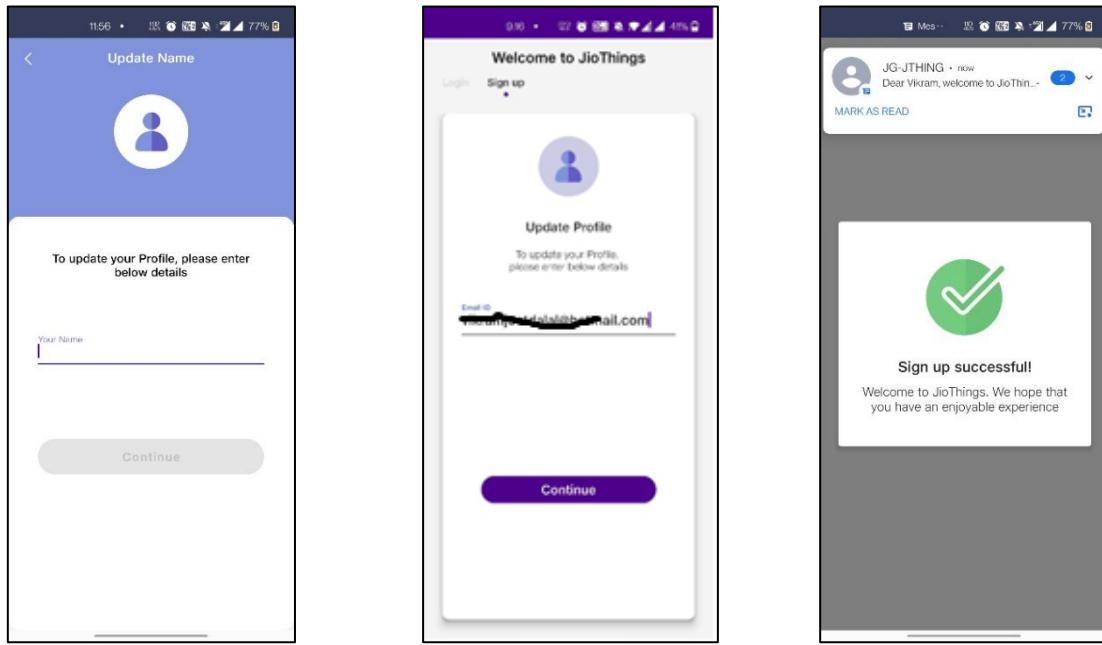
- 3) Enter your phone number on the **Sign up** page and click on **Continue**.
- 4) Enter the OTP as received as an SMS on the phone, and click on **Continue**.



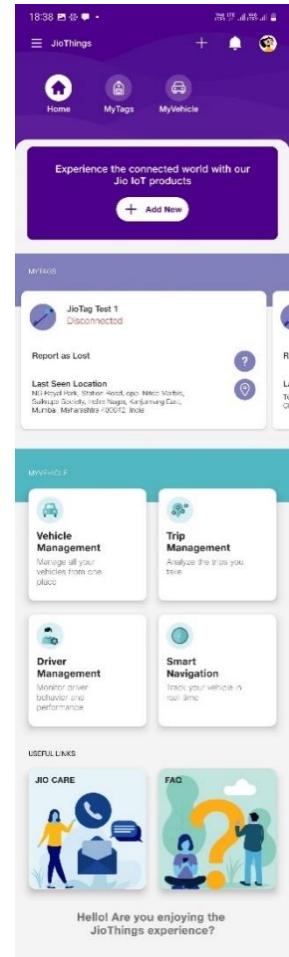
5) Enter your name and click on **continue**.

6) Enter your email address and click on **continue**.

7) Sign up process has been successfully completed.



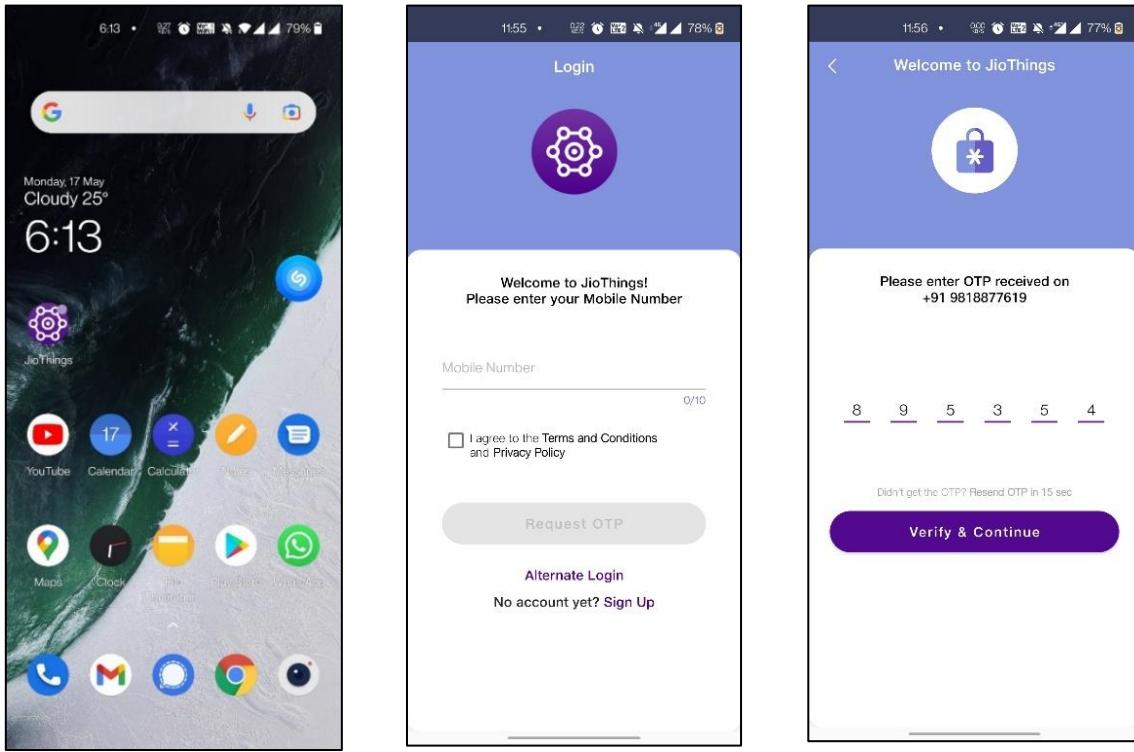
8) On successful sign up, you will be guided to the homepage of JioThings app where you can see the latest JioIoT offerings. Here you can easily add a new JioMotive to your account and can navigate to **MyMyVehicles** tab for all your JioTags.



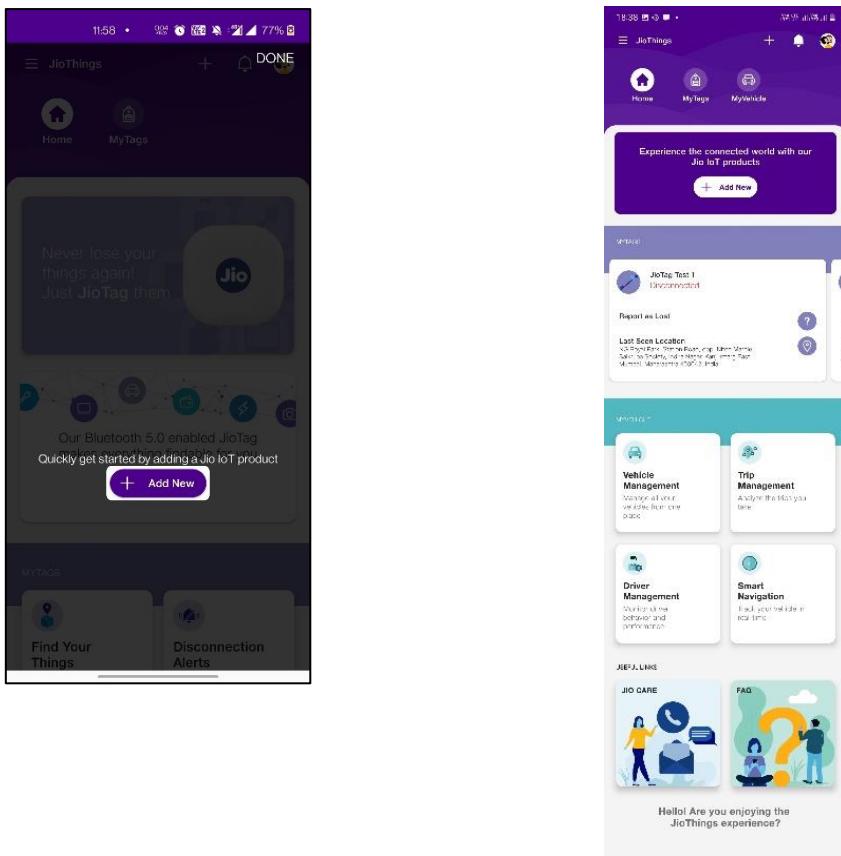
Login Process

To log in to the JioThings app, follow these steps:

- 1) Launch the JioThings app in your phone.
- 2) Enter the phone number with which you have already created a JioThings account.
- 3) Enter the OTP received as an SMS on phone and click on **Continue**.



- 4) When you first login, you will be taken through a few guiding screens, highlighting the app functionality.
- 5) After login is successful, you will be taken to the homepage.

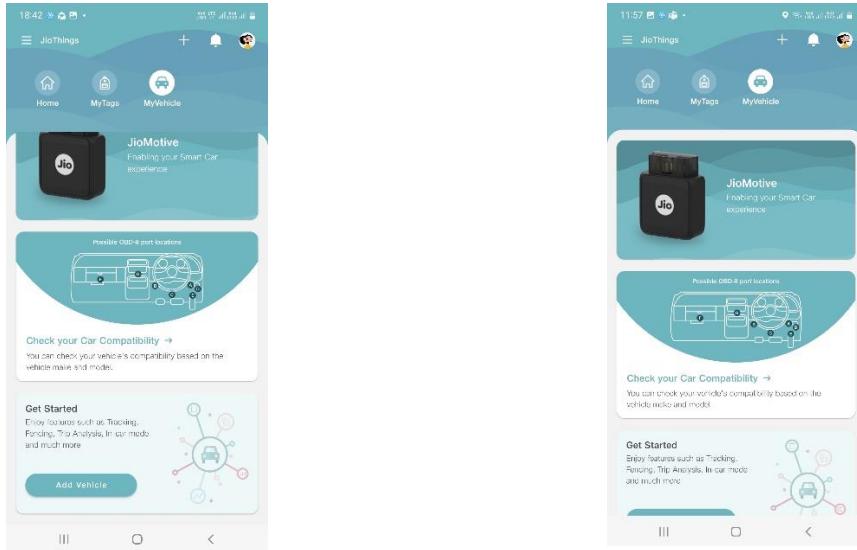


Adding a JioMotive

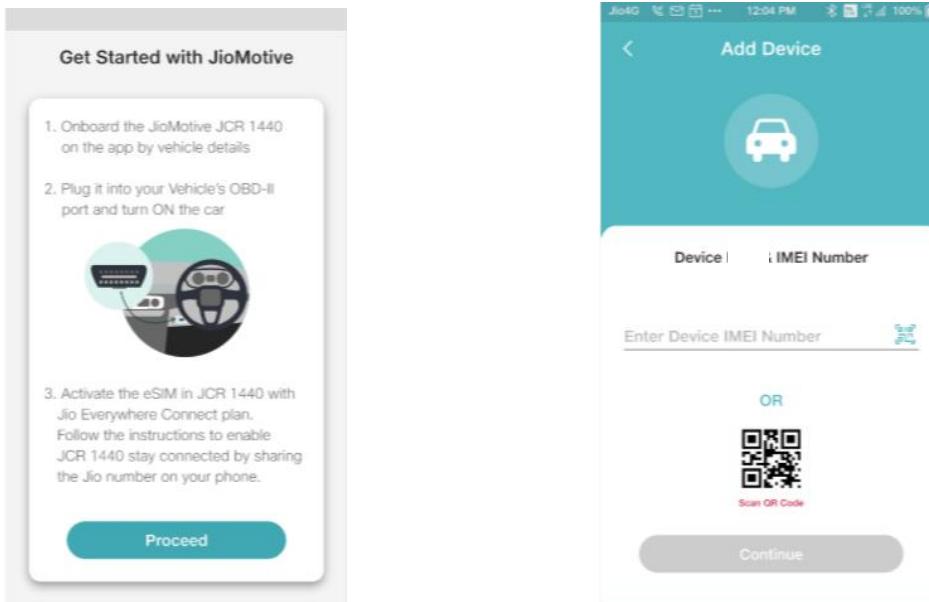
To add a JioTag in JioThings app, follow below steps.

1. Make sure you have the device's IMEI handy, as you will need it to add JioMotive JCR 1440 to JioThings application. It is printed on the box or on the back of device. You can also scan the QR code printed on the box or back of the device.
2. Also make sure that you have signed up with a Jio number to JioThings app. JioMotive JCR1440 data plan can only be activated on JioEverywhereConnect plan, which is a Jio Number sharing plan.

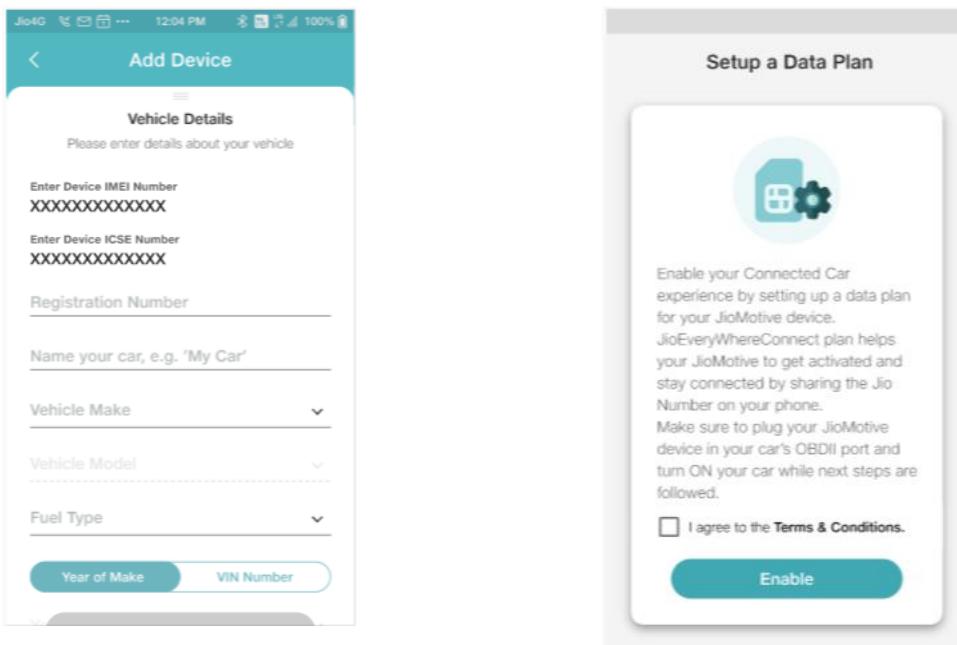
- 1) Click on **Add Vehicle** on **MyVehicles** dashboard.
- 2) Click on **MyVehicles** tab on top and then click on the “+” sign on the top right corner.



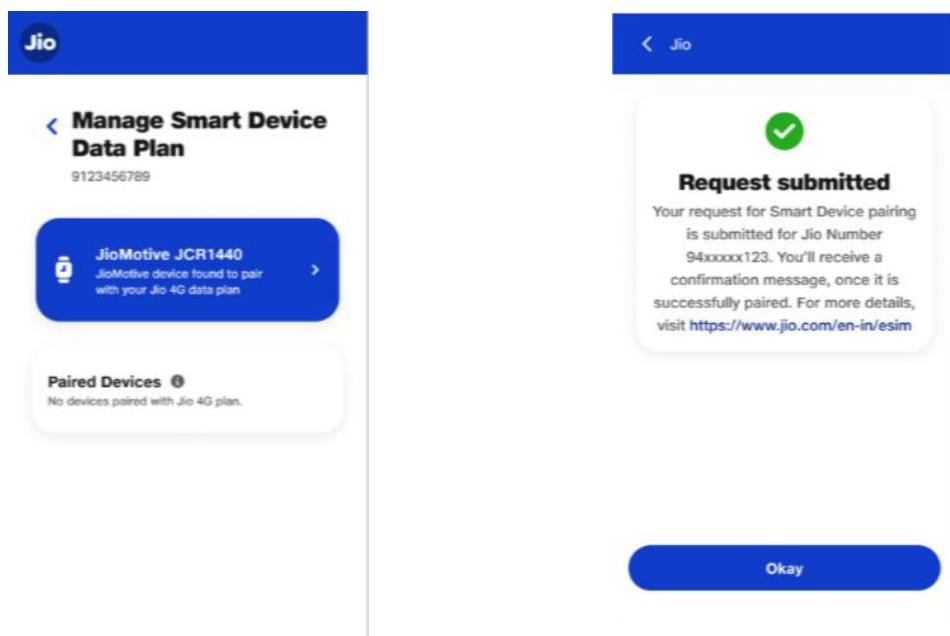
- 3) Follow the instructions on screen to easily add JioMotive:
 - a) **Make sure you have plugged JioMotive in car's OBDII port and turned car ON.**
 - b) Click on Proceed to add your vehicle's details.
- 4) Scan QR code on the device box to get the IMEI or enter it manually



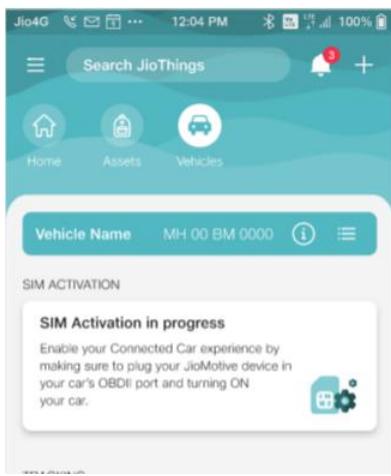
- 5) Proceed to add your vehicle details and click on **Save**.
- 6) Proceed to setup a data plan for your device. Make sure that you are logged in with a Jio number.



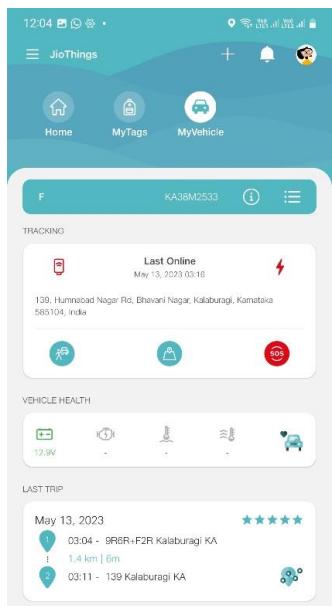
- 7) You will be redirected to Jio.com websheet to activate the data plan of JioMotive on Number Sharing Plan (Jio Everywhere Connect plan). Select JioMotive JCR 1440 to pair it with your primary Jio Phone number
- 8) The order will be submitted and you will receive an SMS once the order is successfully completed.



9) You will be redirected to JioThings application – **MyVehicles** dashboard and view your JioMotive in “Activation in progress” state. **Make sure that device is plugged in to car’s OBD II port and car is turned ON within 7 days of activating the data plan on the device. This ensures that SIM gets activated and latches on to the network successfully.**

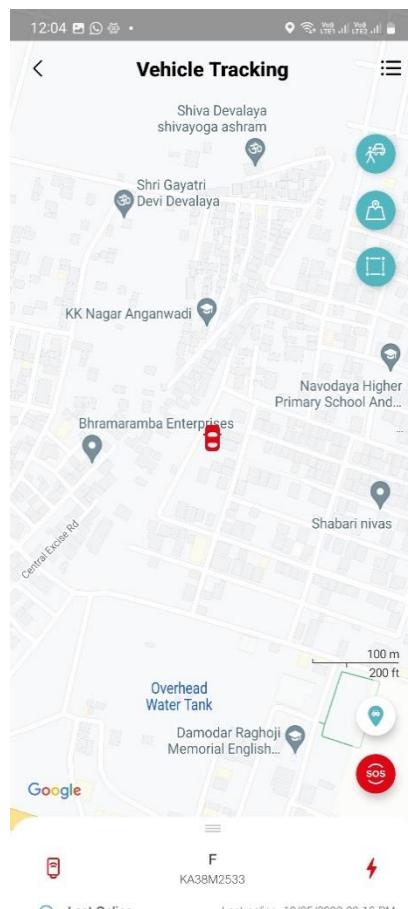
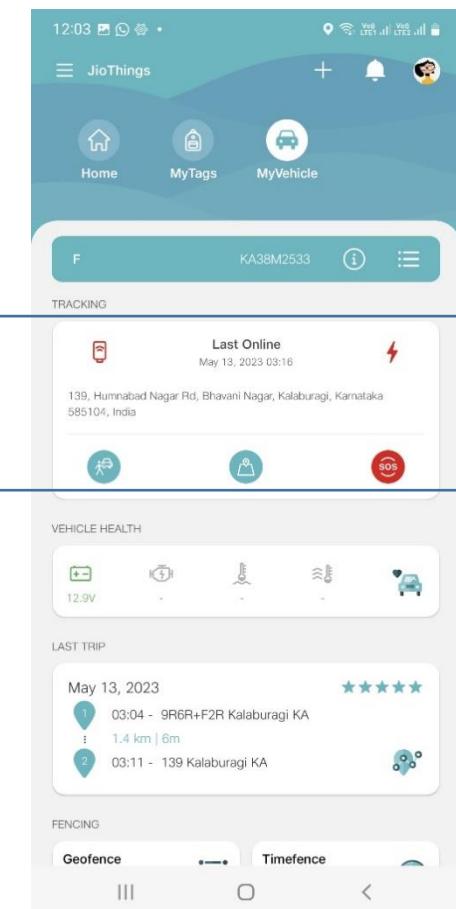


10) Once device has connected to the network, you can start tracking it on JioThings MyVehicles dashboard.

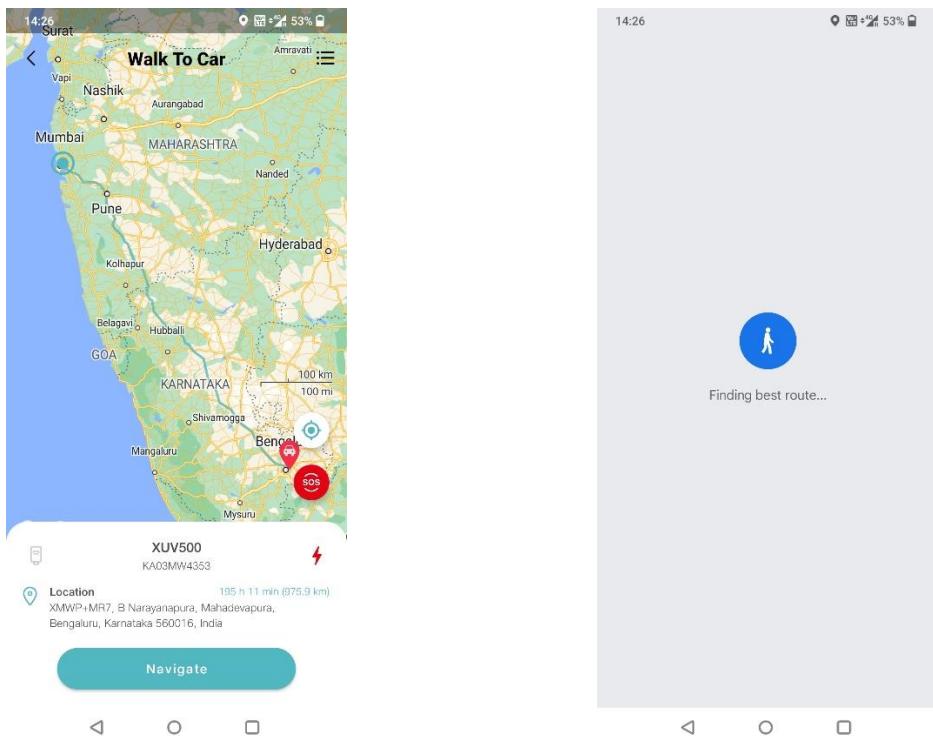


View Tracking Details of your vehicle

- 1) Click on **MyVehicle** to open the dashboard. You can view the status of your car on the card under **Tracking**
- 2) Click on Tracking card to view the current or last location of your vehicle. If the car status in **On Route**, you can view live track your car on the map below

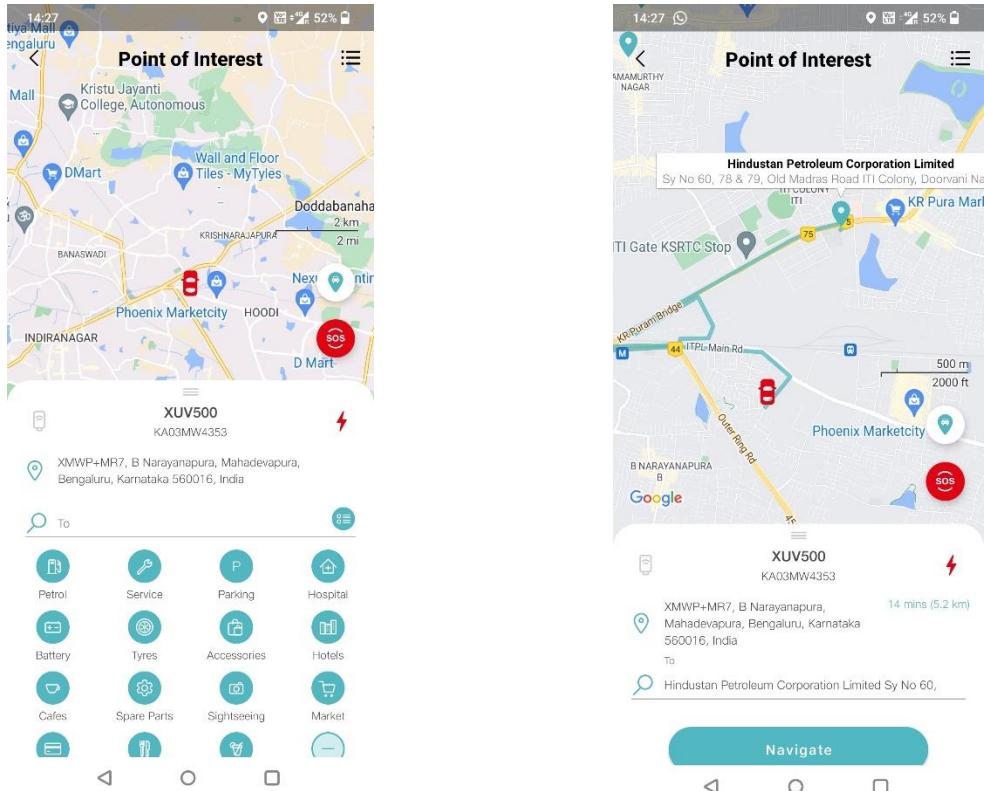


- 3) Click on **Walk To Car** icon, the first icon on tracking card or the map view to navigate yourself to your car's last location. The app will take your current location and draw a route to your car's last location.
- 4) Click on **Navigate** to see the walking route on Google Maps.



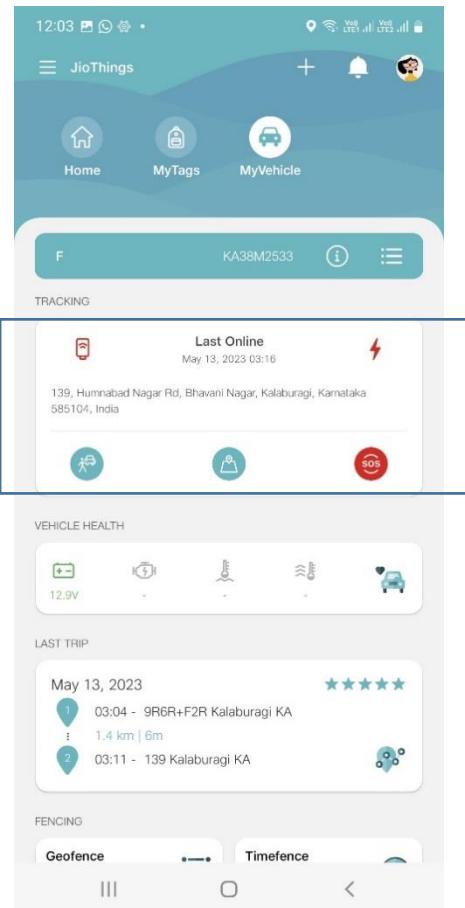
5) Click on **POI** icon, the second icon on tracking card or the map view to find nearest Point of Interests from your car's location.

6) You can choose from multiple pre-defined Point of Interests like Petrol Pumps, Parking, Cafes etc. App will suggest nearby POIs. You can then navigate to the selected POI.



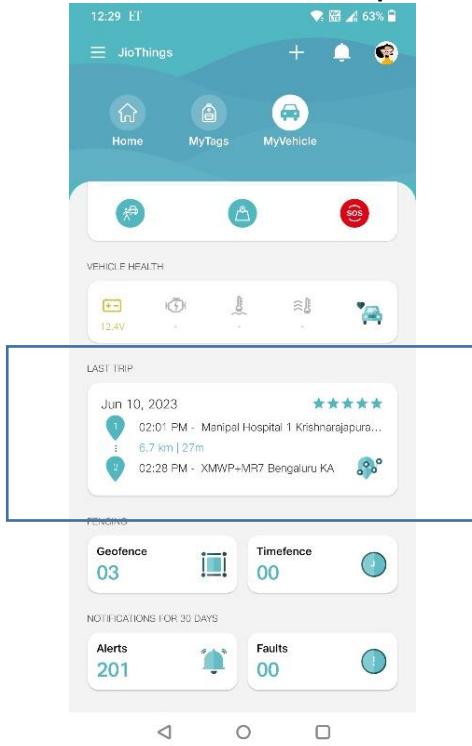
View Vehicle Health

- 1) Click on **MyVehicle** to open the dashboard. You can view the health of your car on the card under **Vehicle Health**
- 2) Click on the Vehicle Health card to view car's health – battery, coolant temperature, engine load and air intake temperature

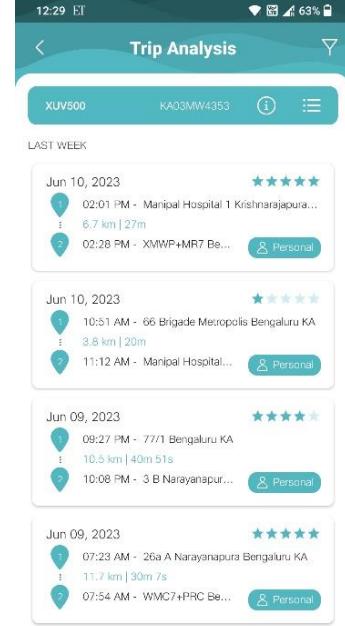


View Trip Summary

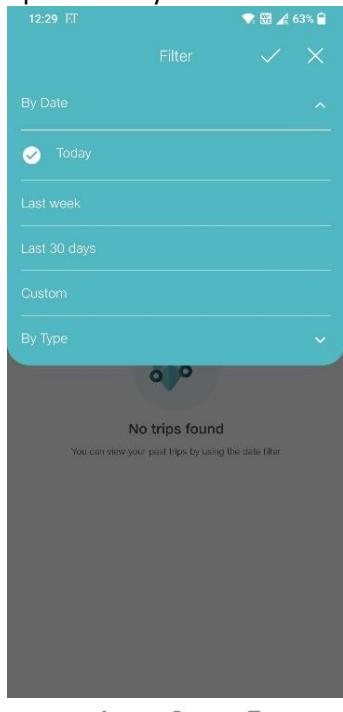
1) Click on **MyVehicle** to open the dashboard. You can view the last trip taken by your car on the card under **Last Trip**



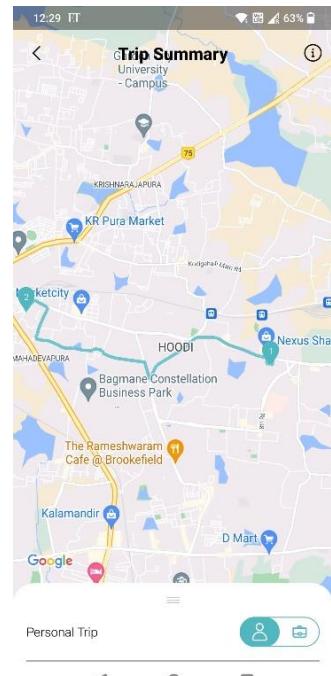
2) Click on the Last Trip card to view car's trips for the current date.



3) You can also click on the filter to see last week, last 30 days or for your custom range upto 180 days

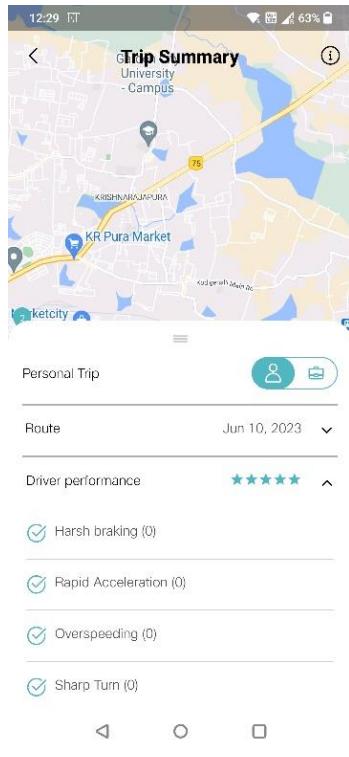
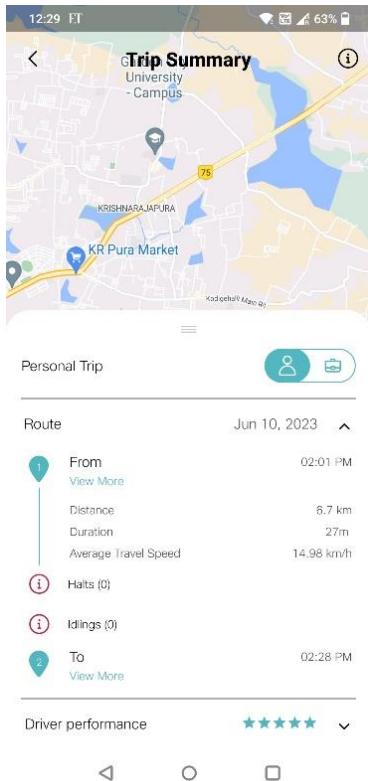


4) Click on a trip to view the trip summary like the route from source to destination



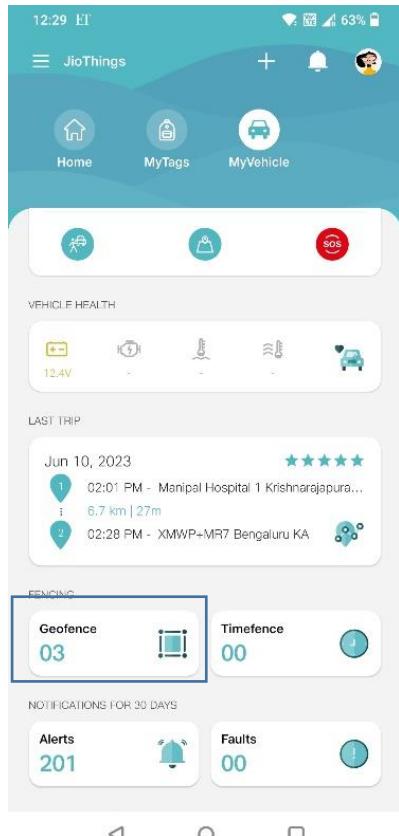
5) Expand or pull up the bottom card to view the route with source, destination and any halt or idling locations

6) Expand the driver performance section to see the star rating of the driver during that trip

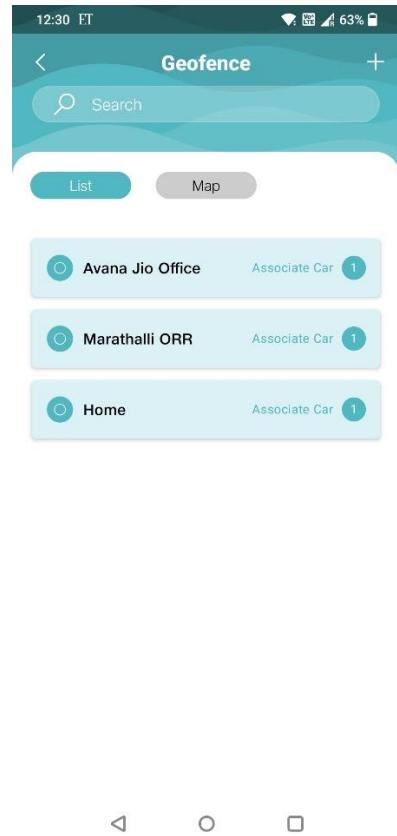


Create and Manage Geofence

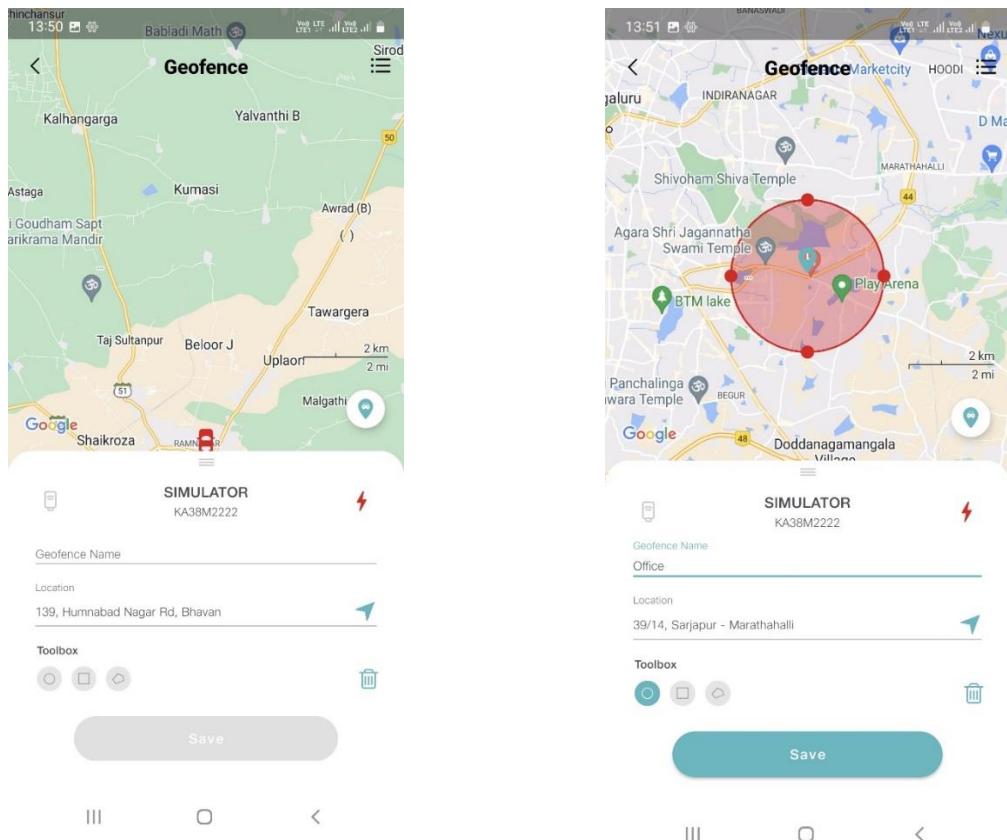
- 1) Click on **MyVehicle** to open the dashboard. You can view the number of geofences set for your car on the card under **Fencing** section
- 2) Click on the Geofences card to view any existing Geofence or create a new one



- 3) Click on “+” to create a new Geofence



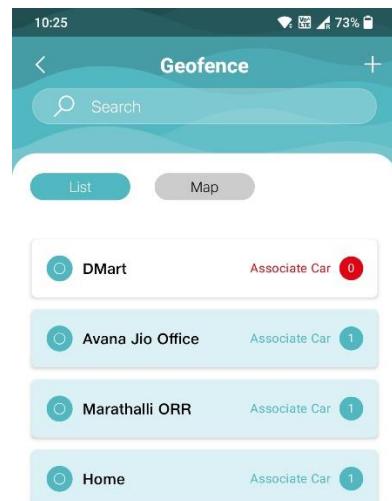
- 4) Enter the name of the Geofence and address where you want to create the Geofence



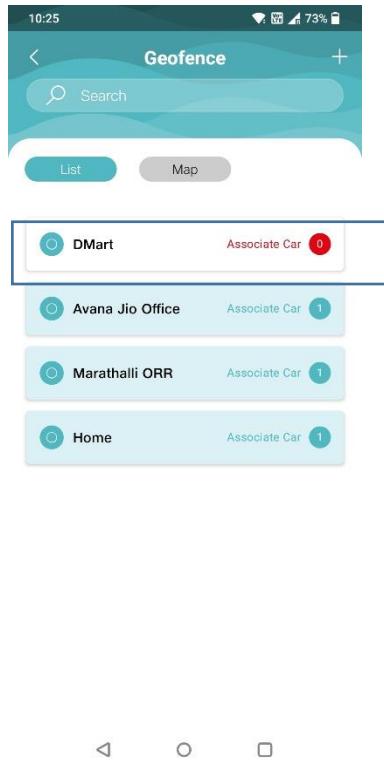
5) You can choose to create circular, square or polygonal Geofence. To increase or decrease size of Geofence, long press on the dots and drag.



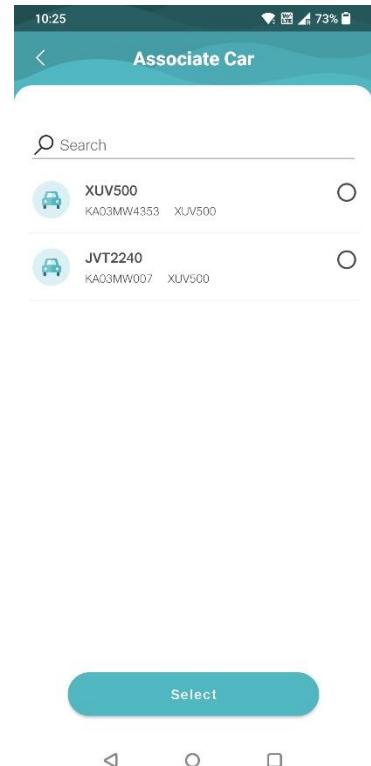
6) Click on Save, Geofence will be saved successfully



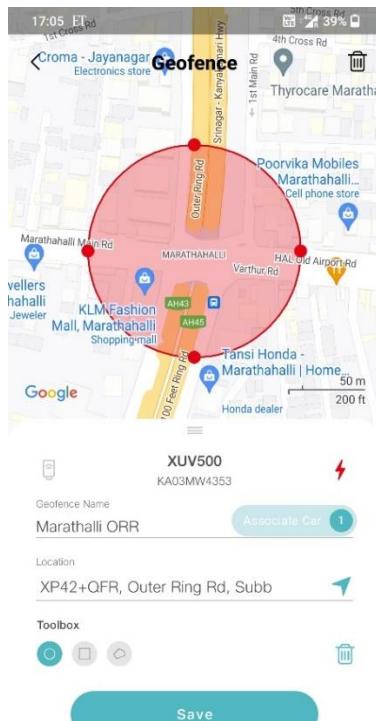
7) Click on the created Geofence to associate a vehicle to the Geofence



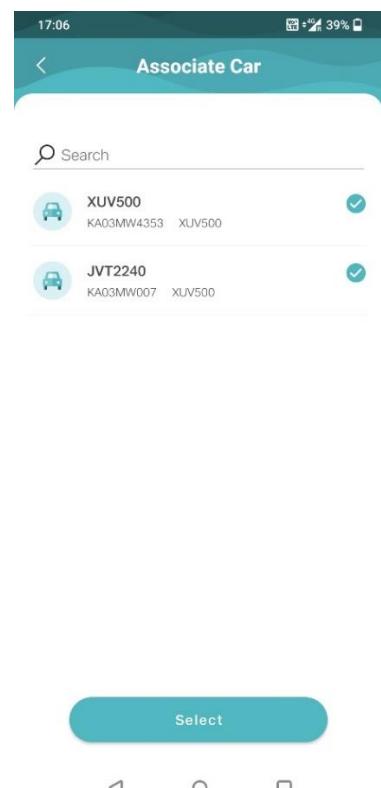
8) Select the vehicle you want to associate with the Geofence and it is done!



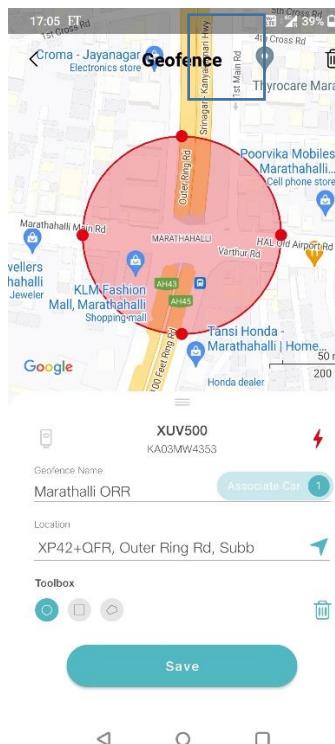
9) To associate an existing Geofence to another added vehicle, click on the **Associated Car** button



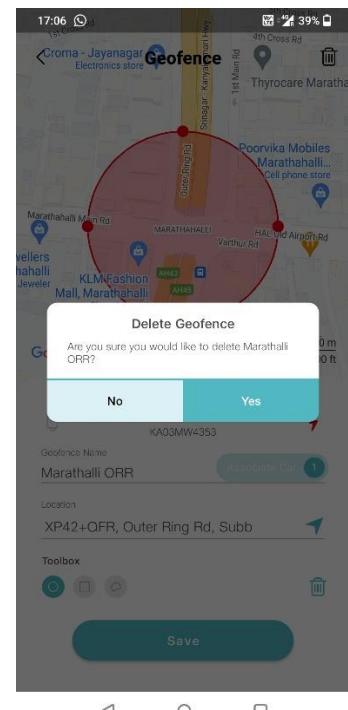
10) Select the car you want to associate to the Geofence



11) To delete existing Geofence, Click on Delete icon on top right

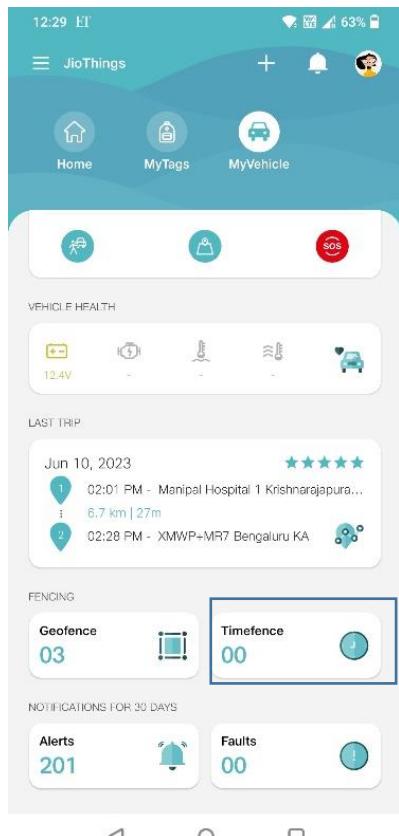


12) Confirm Deletion

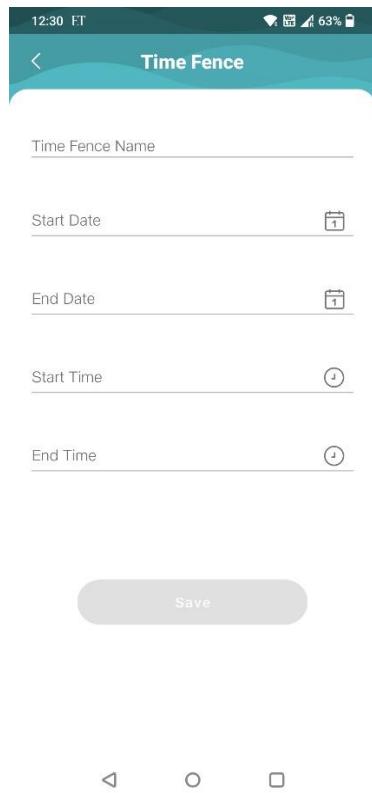


Create a Timefence

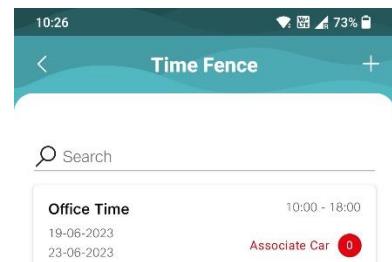
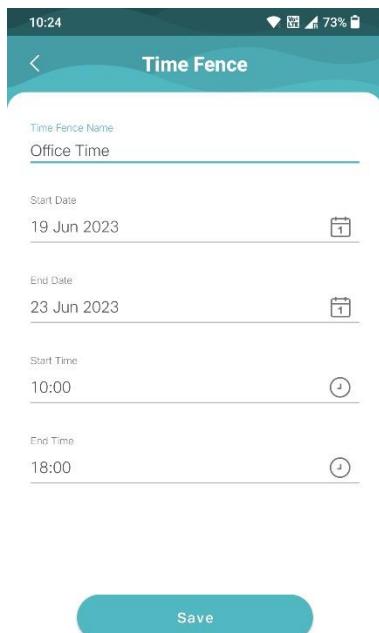
- 1) Click on **MyVehicle** to open the dashboard. You can view the number of timefences set for your car on the card under **Fencing** section
- 2) Click on the **Timefences** card to view any existing timefence or create a new one



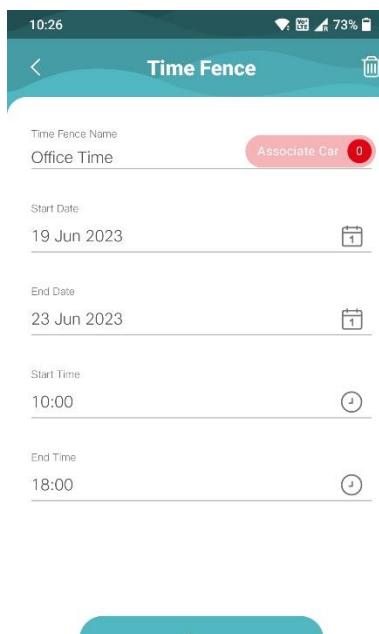
- 3) Fill in the details and click on **Save**



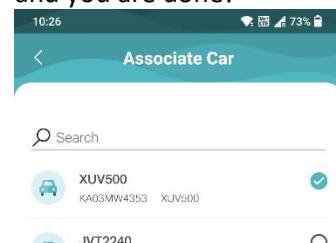
- 4) Click on the timefence created to associate a vehicle to the timefence



5) Click on **Associate Car**



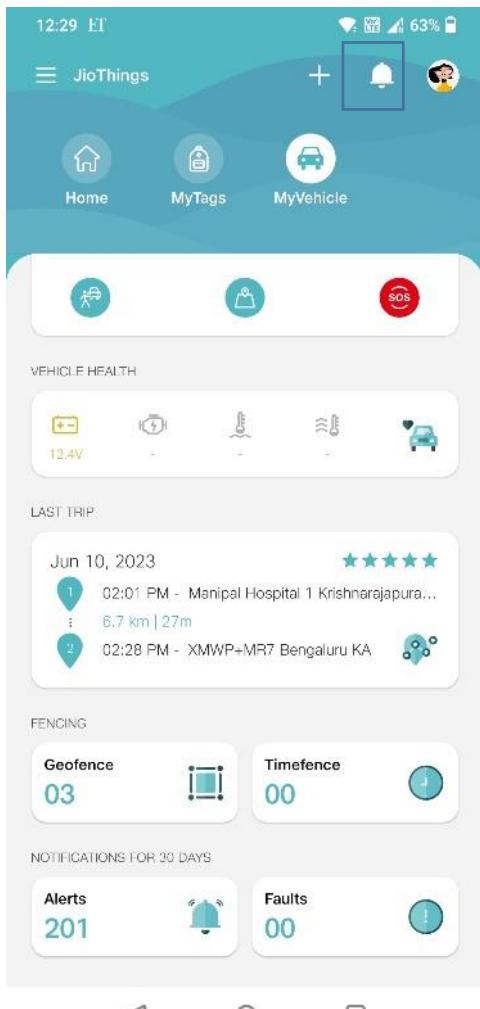
6) Choose a vehicle and click on **Select** and you are done!



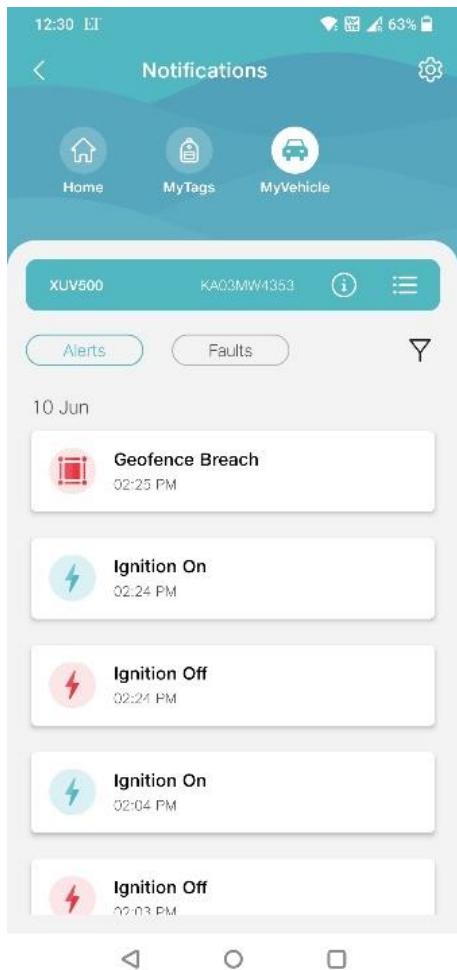
Select

View and Filter Alerts and Notifications

1) Click on **MyVehicle** to open the dashboard. Click on the Notification Bell icon to open notifications and alerts of MyVehicles



2) You can view the Alerts and Faults generated for your vehicle



3) Click on the **Filter** icon to filter the alerts by date and type

4) You can also click on a specific alert to view more details

12:31 ET 62%

Filter ✓ ✕

By Date ^

Today

Last week

Last 30 days

Custom

By Type ^

Geofence Breach

Low Fuel

Tow-Away

Driver Idling

Document Expiry

Document Expired

Accident

Device Removal

◀ ○ □

12:31 ET 62%

Alert



Geofence Breach

XUV500 KA03MW4353

XUV500 entered Home

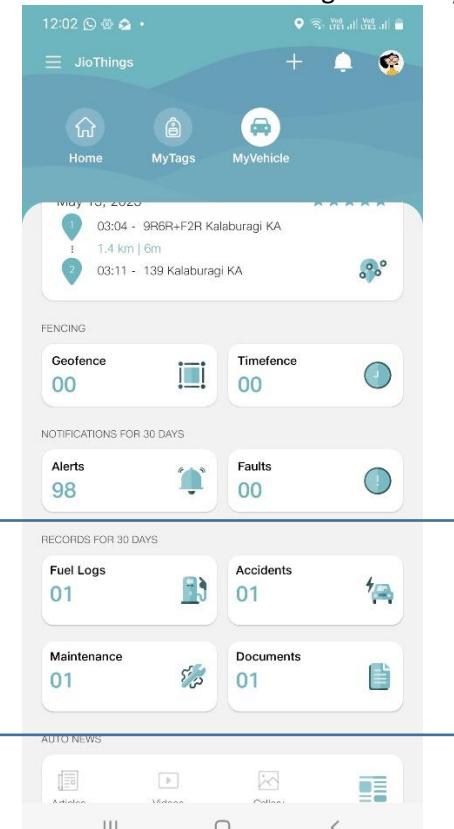
Time 02:25 PM **DATE** 10/06/2023

 **Location**
XMWP iMPH, B Narayanapura Rd, Karmadhenu Nagar, B Narayanapura, Mahadevapura, Bengaluru, Karnataka 560048, India

◀ ○ □

Create and Maintain Records

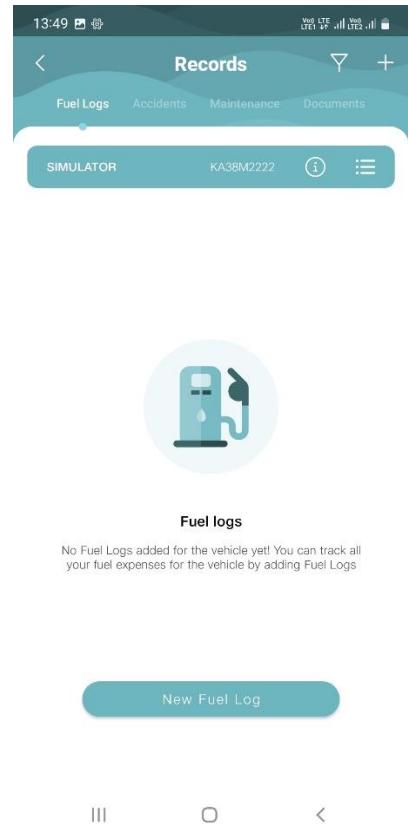
1) Click on **MyVehicle** to open the dashboard. Click on any card under **Records** section to add logs manually



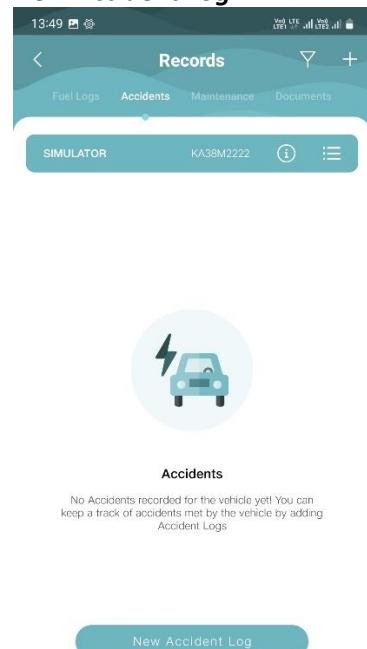
3) Fill in the details as seen below

11:08 70%
 New Fuel Log
 XUV500 KA03MW4353
 Select Date 11/08/2023
 Select Time 10:00 AM
 Fuel Type Petrol
 Total Amount (INR) 1000
 Refill Quantity (Litres) 10
 Odometer Reading (Kilometer) 10000
 Save

2) You can add **Fuel Logs** by clicking on **New Fuel Log**



4) You can add **Accidents** by clicking on **New Accident Log**



5) Fill in the details as seen below

New Accident

XUV500 KA03MW4353

Select Date

Select Time

Last Speed

Add Location

Description (optional)

Upload Images (0/5)

Save

6) You can add **Maintenance** by clicking on **New Maintenance Log**

Records

Fuel Logs Accidents Maintenance Documents

SIMULATOR KA38M2222

Maintenance

No Maintenance records added for the vehicle yet! You can keep a track of all completed service requests by adding Maintenance Logs.

New Maintenance Log

7) Fill in the details as seen below

Completed Maintenance

XUV500 KA03MW4353

Select Date

Kilometer

Service station name

Description (optional)

Upload Images (0/5)

Save

8) You can add **Accidents** by clicking on **New Accident Log**

Records

Fuel Logs Accidents Maintenance Documents

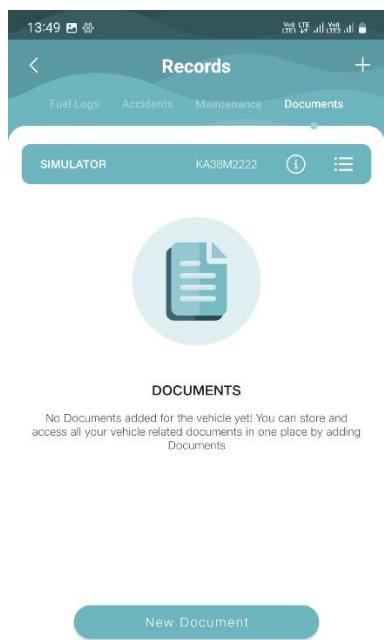
SIMULATOR KA38M2222

Maintenance

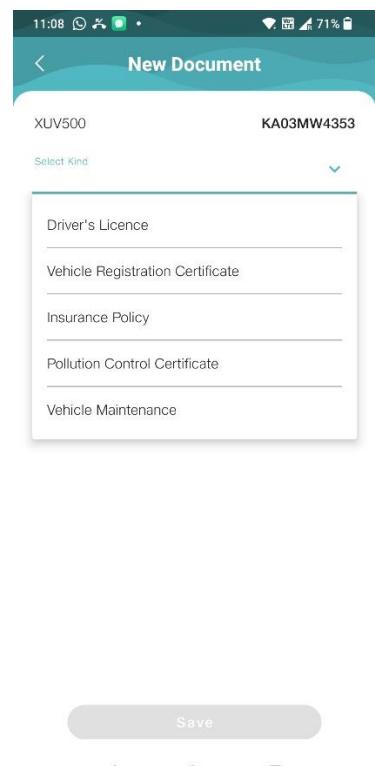
No Maintenance records added for the vehicle yet! You can keep a track of all completed service requests by adding Maintenance Logs.

New Maintenance Log

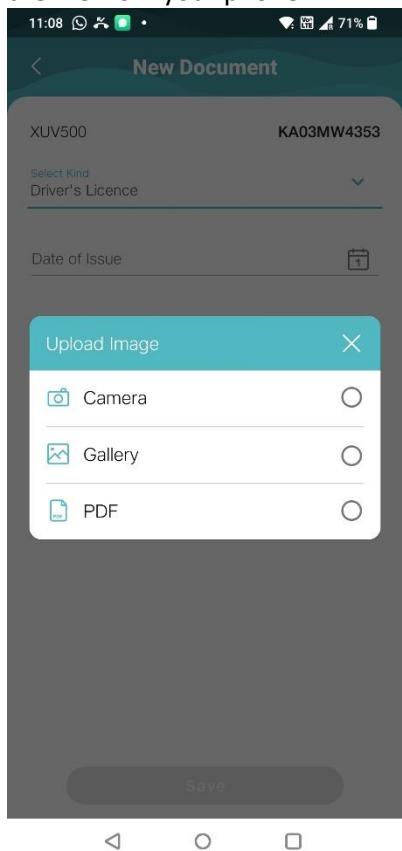
9) You can add **Documents** by clicking on **New Documents**



10) Select the type of document that you want to upload

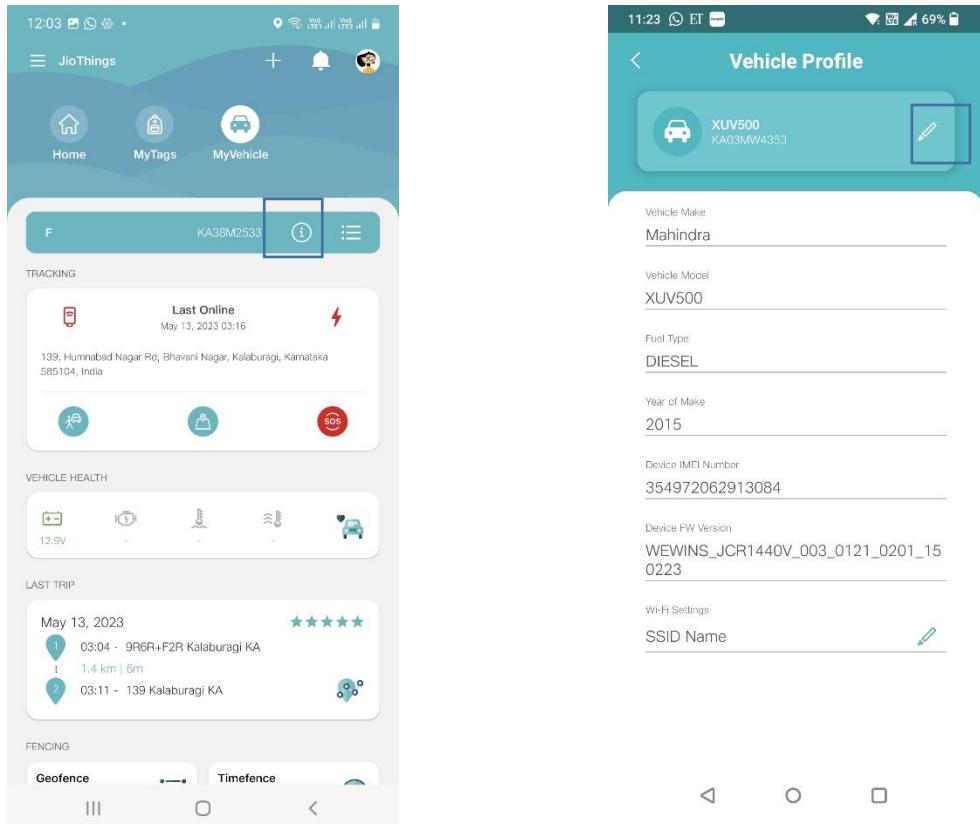


11) Fill in the respective details and upload the file from your phone

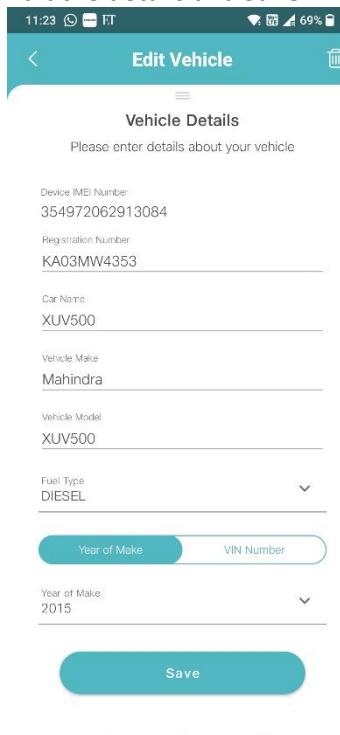


Edit Vehicle Details

- 1) Click on the information "i" icon next to the car name to edit your vehicle details
- 2) Click on Edit Pencil icon to edit the details of your existing vehicle



- 3) Edit the details and **Save**



View other Vehicle Details

- 1) Click on the 3 bar menu next to the car name to view your other vehicle details
- 2) Choose the vehicle to view its dashboard and details

