Installation

TuneECU must be downloaded from the TuneECU web site.
If you have an earlier version installed, uninstall it from your device (in Settings/Apps) and delete the users.lic file (if exists) in the TuneECU folder.

Installation instructions, **please download from here.**

The instructions for registering TuneECU and the bike, **please download from here.**

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System requirements:
Smartphone or tablet Android version 4.0 minimum, dual Core 1.2 Ghz mini and OTG (for connection through USB).

Note:
The cheap phones or tablets *with Android Go versions* do not have enough memory to run TuneECU and no OTG support for using a USB cable.
You can test your phone or tablet for OTG connectivity with the app "USB Host Test" and / or the app "OTG Troubleshooter" from Google Play Store.

- Cable USB OBD2 KKL FTDI (The cable is the same as the windows version)
- Adapter USB/micro (cable OTG) if needed.
- Optional: Interface Bluetooth ELM327, version 1.4 or 1.5.

Attention: For the Triumph models, which can be reprogrammed via Bluetooth, special Bluetooth adapters like the OBDLink LX or the OBDLink MX or OBDLink MX+ or "UniCarScan USCI-2100 must be used, only these adapters allow the reprogramming of the compatible models (see Bikes list).

Remedy: Download the OBDLink app from the Google Play Store and update the firmware of the OBDLink adapter.

For the Walbro Benelli models, a special converter USB/RS232 cable and AMP Super-Seal connector (6 pin) is required.

For Aprilia, KTM, Benelli, Husqvarna, Ducati, Moto Guzzi, Gilera & Moto Morini ECUs, in addition to the OBD2 cable or Bluetooth an OBD2 adaptor is required and is available from Lonelec (see Adaptors list).

Tablet recommended:

Acer Iconia One 10 B3-A40 Tablet 10.1"
Samsung Galaxy TAB A 10.5" (2018 Android 9.0)

Technical Support

Only in the TuneECU Chat and only in english or french language.
Or at the new TuneECU forum, also in english or french only.
Support is only for the TuneECU app, no advice or recommendation will be give on the use of maps.

To get support, the following information are required:
- A brief description of the problem.
- Android device & Android version.
- TuneECU version e.g. v5.5.16
- Which connection is used, Bluetooth or cable.
- In the event of Bluetooth problems: which Bluetooth adapter is used? (Manufacturer and software version or firmware version).
- In the event of cable problems: cable manufacturer or supplier.
- Which cable adapter are used (OTG etc.) Manufacturer or source of
supply. - Loaded map in ECU (Map), e.g. 12345.hex
- Bike type (model) and year of construction and VIN (FIN).
- Also let us know the content of the "trace.txt" file!!

Without the above mentioned information, no support can be done.

Bikes

Please refer:

https://tuneecu.fr/docs/_en/Basic_guide.html#Bikes

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USB cables & OBD Bluetooth

1) https://www.lonelec.co.uk/Motorbike-OBD-Diagnostic-Cables/component/TuneECU-Interface-Cable-Lead-Diagnostic
   https://www.obdauto.fr/cable-kkl-special-moto-aprilia-ktm-triumph-moto-guzzi-et-ducati
   https://www.lonelec.co.uk/Motorbike-OBD-Diagnostic-Cables/component/Bluetooth-OBD2-ELM327-BlueScanII

2) https://bafxpro.com/products/obdreader
   https://www.obdauto.fr/interface-de-diagnostic-automobile-multi-marques-obd-diag-version-bluetooth

3) https://www.obdlink.com/products/obdlink-lx/
   https://www.obdlink.com/products/obdlink-mxp/
   https://www.obdlink.com/products/obdlink-sx/
   https://www.obdauto.fr/obdlink-lx-bluetooth-interface-diagnostic
   https://www.obdauto.fr/obdlink-sx-usb-interface-de-diagnostic-professionnelle
   https://www.bmdiag.co.uk/unicarscan-ucsi-2100-bluetooth-obd2-adapter

4) https://www.lonelec.co.uk/Motorbike-OBD-Diagnostic-Cables/component/TuneECU-Benelli-Walbro-Interface-Kit

Adaptors

A. https://www.lonelec.co.uk/Motorbike-OBD-Diagnostic-Cables/component/Aprilia-OBD2-Adaptor

B. https://www.lonelec.co.uk/Motorbike-OBD-Diagnostic-Cables/component/Guzzi-Ducati-Aprilia-3pin-OBD2-Adaptor

C. (K-Line) https://www.lonelec.co.uk/Motorbike-OBD-Diagnostic-Cables/component/KTM-6pin-OBD2-Adaptor

D. (CAN) https://www.lonelec.co.uk/Motorbike-OBD-Diagnostic-Cables/component/KTM-6pin-OBD2-Adaptor

E. https://www.lonelec.co.uk/Motorbike-OBD-Diagnostic-Cables/component/TuneECU-Sagem-Benelli-Adaptor

F. https://www.lonelec.co.uk/Motorbike-OBD-Diagnostic-Cables/component/Husqvarna-6pin-OBD2-Adaptor

G. https://www.lonelec.co.uk/Motorbike-OBD-Diagnostic-Cables/component/BMW-10-Pin-OBD2-Adaptor

OBD Adapter

For Aprilia, Ducati, Guzzi, Morini...

www.lonelec.co.uk/Motorbike-and-Car-OBD2-Adaptors/OBD2-Motorbike-Adaptors/Guzzi-DucatiAprilia-3pin-OBD2-Adaptor

https://www.obdauto.fr/adaptateur-pour-fiat-et-motos-mv-agusta-ducati-moto-guzzi-moto-morini

For KTM

www.lonelec.co.uk/Motorbike-and-Car-OBD2-Adaptors/OBD2-Motorbike-Adaptors/KTM-6pin-OBD2Adaptor

Bluetooth Adapter:

Important ! Avoid buying your Bluetooth adapter on ebay or amazon, there are many chinese clones that do not work properly or not at all on the bikes supported by TuneECU

Some bluetooth adapters recommended

Only for diagnostics & maintenances (no remapping):

ELM327-Blue Scan II (Lonelec UK)
OBD Diag (OBD Auto)
bafxpro.com/products/obdreader   **Warning, only buy from trustworthy sources.**
                                        BAFX have posted warnings on their website about copies of their products.

To be able to remap the latest Triumph models

OBDLink LX
OBDLink MX
OBDLink MX+
UniCarScan UCSI-2100

USB cable:

Some USB cables recommended

https://www.lonelec.co.uk/Motorbike-OBD-Diagnostic-Cables/component/TuneECU-Interface-Cable-Lead-Diagnostic

https://www.obdauto.fr/cable-kkl-special-moto-aprilia-ktm-triumph-moto-guzzi-et-ducati

Please note that if you buy cables from other sources, these cables are USB OBD2 KKL cables with FTDI chipset (VAG group). **Other cables will not work**, even if they have a FTDI chipset.

Connect

Select your bike in the menu "ECU/Select"
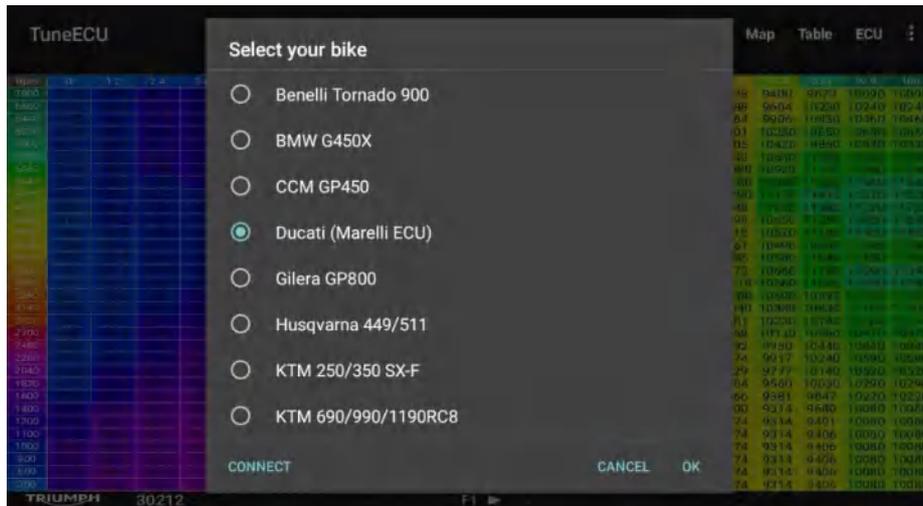
Through Bluetooth: The app ask you to turn ON the Bluetooth if it's not activated.
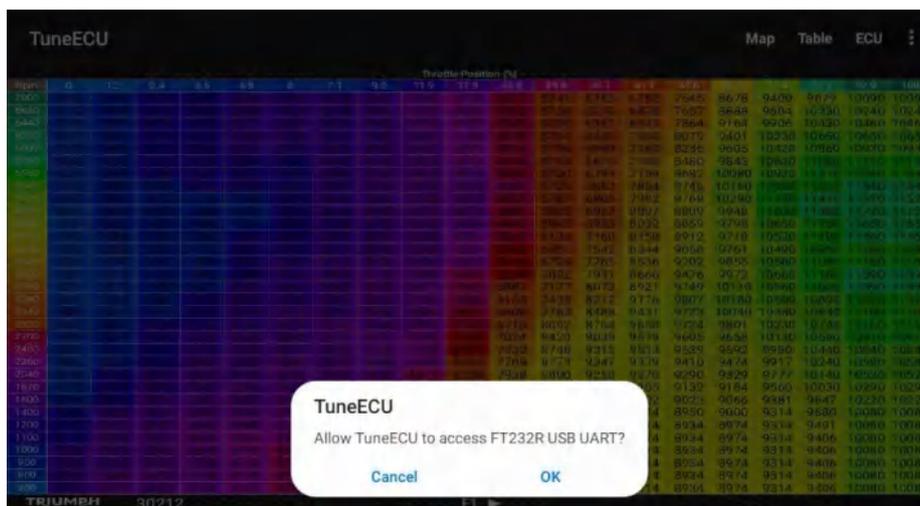You must select a Bluetooth device in the list (it will be saved as default after the connection).
If you want to pair a new Bluetooth device click on "Scan for Devices"

The LED at the screen right bottom blinks blue until the app connect to the Bluetooth device.

Through USB: When you plug the cable to the phone/tablet the app ask you the permission to use it.

The LED at the screen right bottom blinks RED (initializing the connection to the ECU), then YELLOW (asking authorization to communicate), then GREEN when the app is connected.

Register a bike

When connecting to a new bike you must register it if you want to do diagnostics, maintenance or remap the ECU. The app ask you the confirmation to register (except for the 1st who is registered automatically).
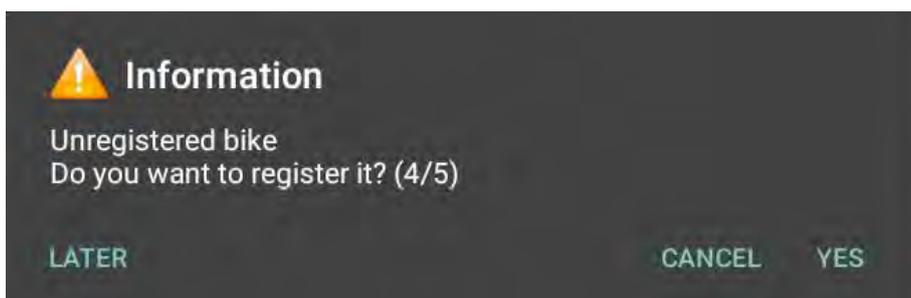
If the app don't ask you to register go in the menu "ECU/informations" and click "REGISTER"
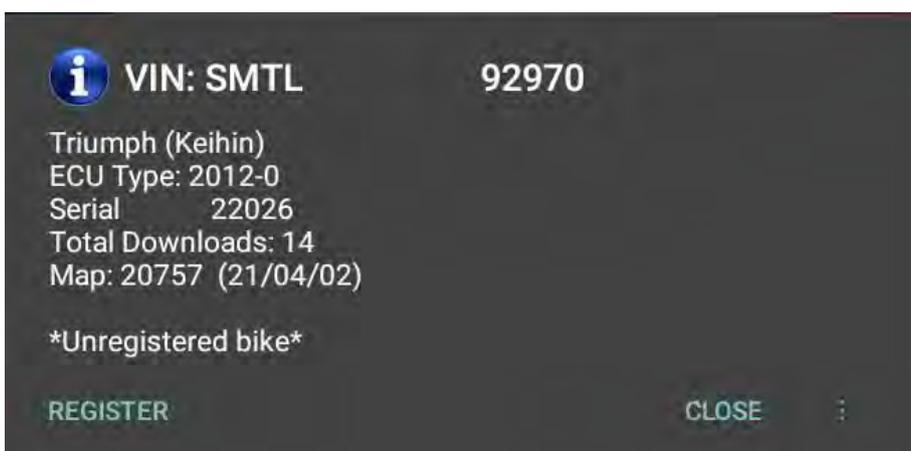
If the internet connection is not available, click "LATER".

Warning

Confirm to register this bike? (2 remaining)

LATER   CANCEL   YES
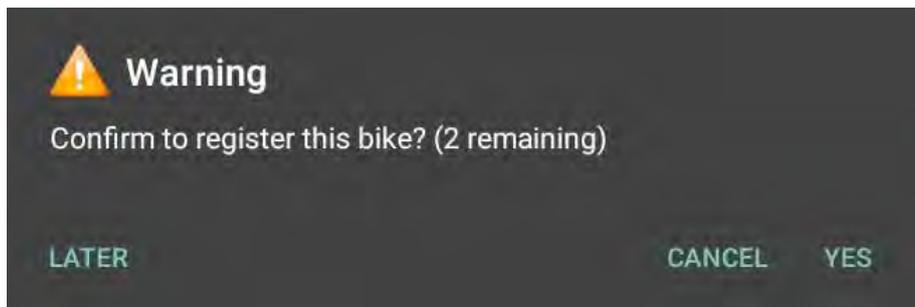
Enter a name for the bike and valid.

Enter a name for this bike
You can register it later in the menu "ECU/Register"

Bike   Street Triple

CANCEL   OK
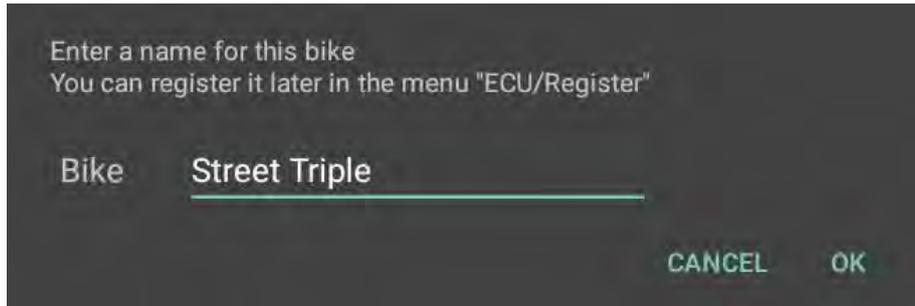
When you will be connected to internet, open the app (don't connect to the bike) and go to the menu "ECU/Register", select the bike(s) you want register and valid.

Select to register

☑ Street Triple

CANCEL   OK

The registration confirmation is displayed a few seconds in the bottom of the screen.

V   0   0
                  TPS   0.0

0   120   0
       °C   MAP   0
       Bike registration done
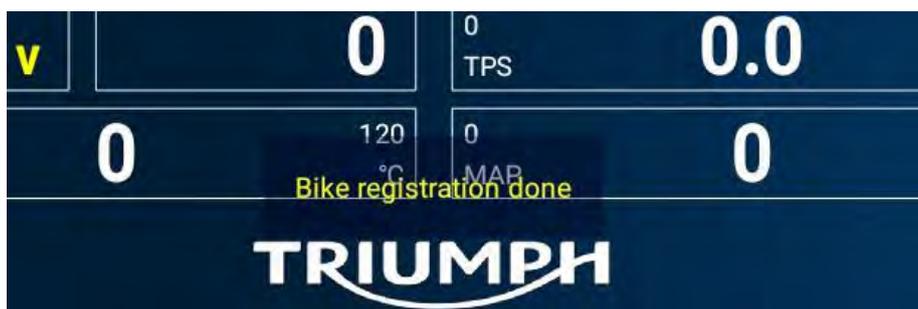
TRIUMPH

Maps

Copy map file into your phone/tablet and open it in TuneECU

Download the maps from:

box.net or **tuneecu.net**
Aprilia map's
Benelli map's
BMW map's
CCM map's
Ducati map's
Gilera map's
Husqvarna map's
KTM map's
Moto Guzi map's
Moto Morini map's
Triumph map's

The map is saved in the Download folder of your device, you must unzip it if necessary (.zip).
With "My Files" app or "ES File Explorer", create in TuneECU folder a new folder related to your bike (e.g. Ducati) and a sub folder (e.g. Streetfighter 848), move the map in the sub folder.
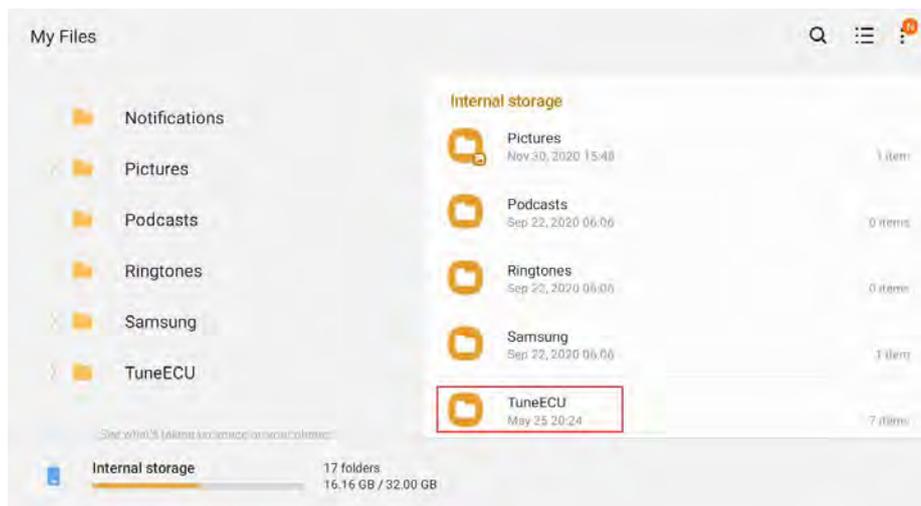
Or in the app download the maps directly from the web server

Menu "Open" and "Download" button
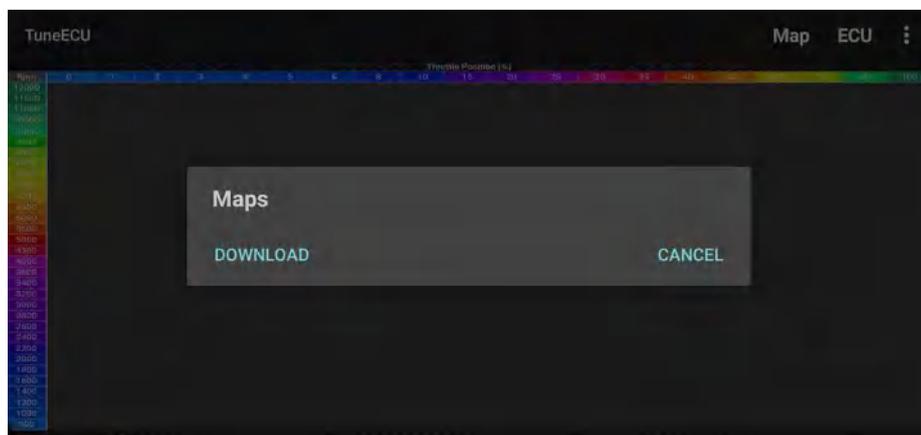
Then select your bike and the map
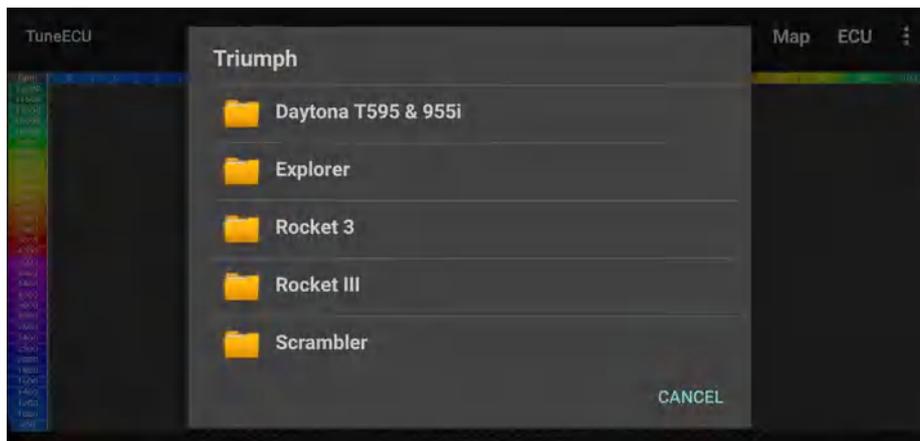
Download the map
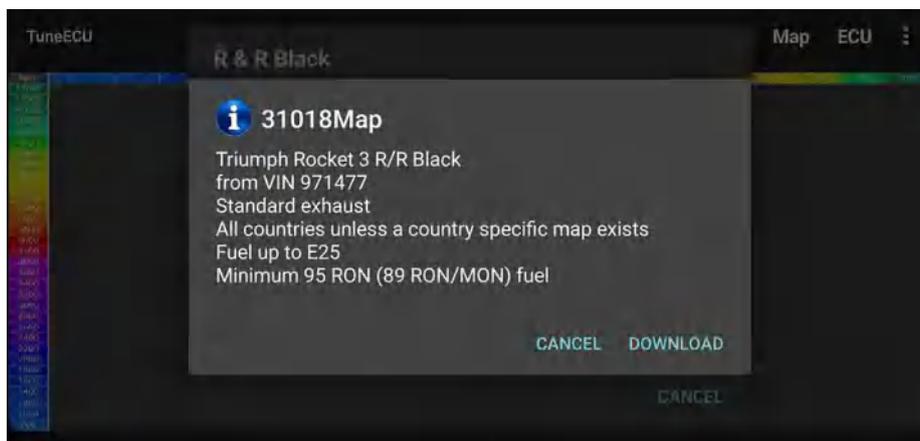
The app can create the sub folders to store the file.
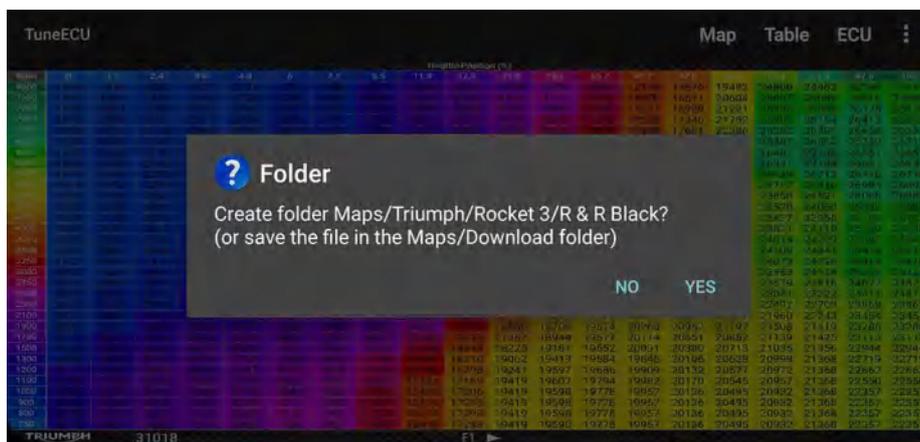
Save the map
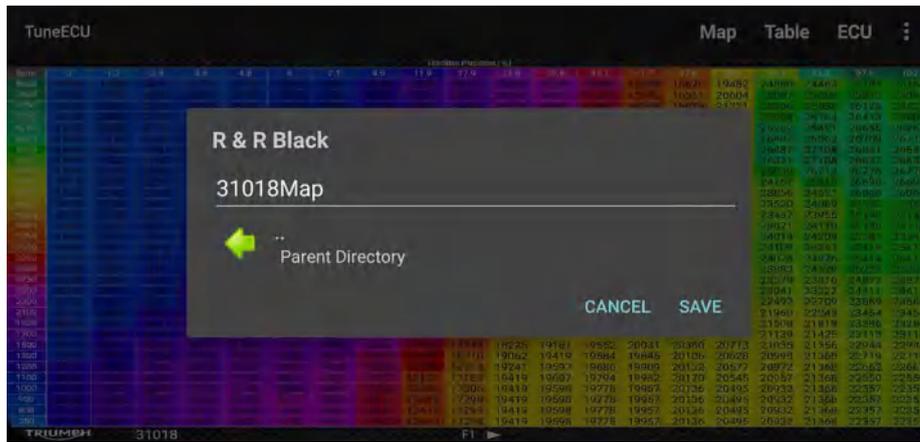
In Map screen

- Open the map
- You must be in the Map screen (swip the screen to left) and do menu "Open" then select the folder and select the map to load and display.
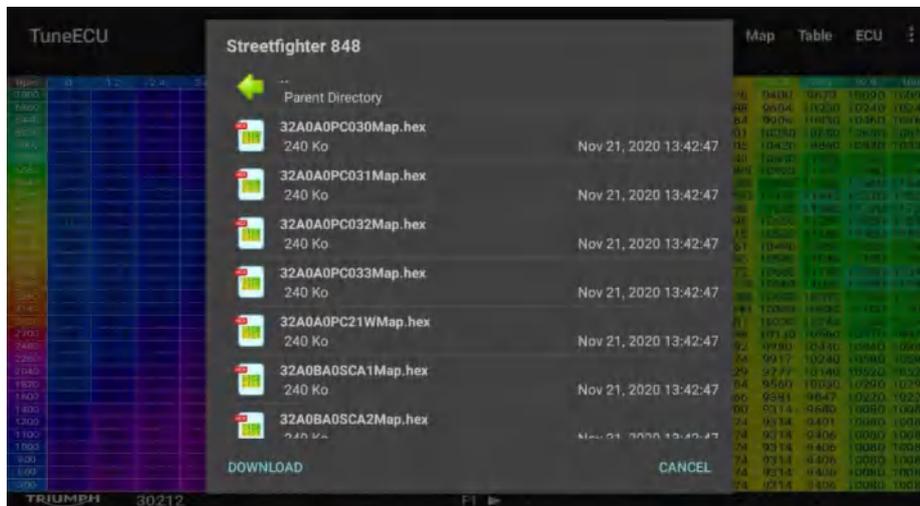
Options in the Map screen

- "Open" load a map file from your Android device storage or download from the web server.
- "Compare" open a 2nd map to compare with the 1st opened.
- "Import PCIII or PCV", you can import a PCIII or PCV table in your OEM map, and see this table (F Trim or I Trim) when you swip the screen to left when you are in the F or I table.
- "Parameters", you can change some parameters of your map, RPM limiter, FAN setting...
- Button "Devices", for enable or disable devices, O2 Sensor, SAI...
- In Parameters and Devices, the items available may differ depending of the bike model.
- "Save" save the modifications in the file.

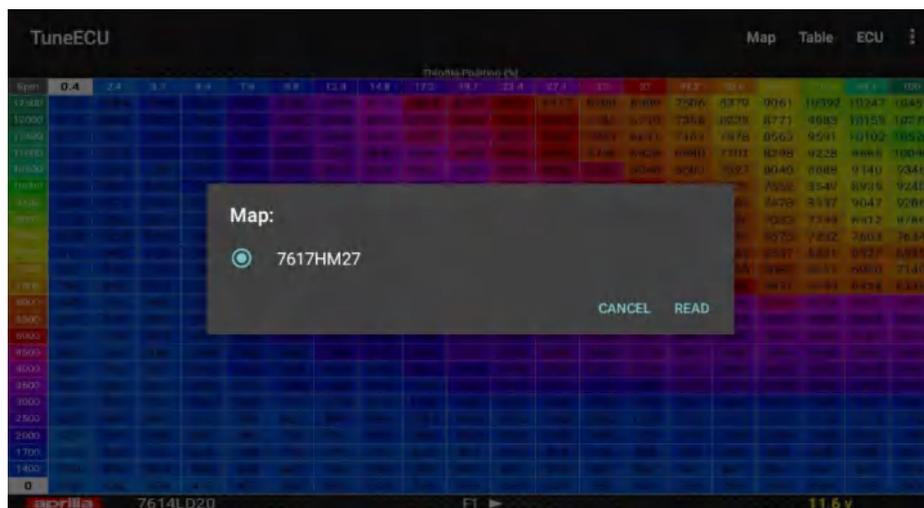### Read the map from the ECU

Only with a connection through USB

Warning : Remove the headlight fuse and connect a battery charger or a 2nd battery to avoid voltage to drop during the process.

In Map Screen
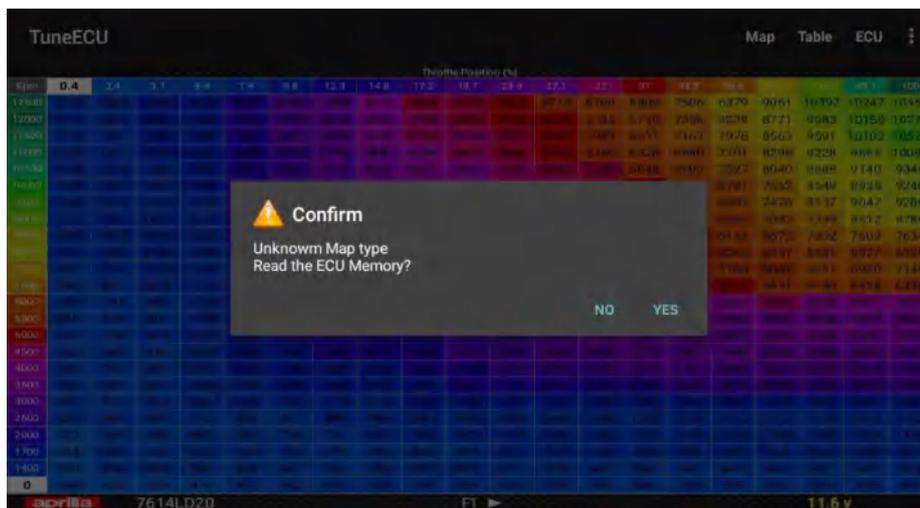
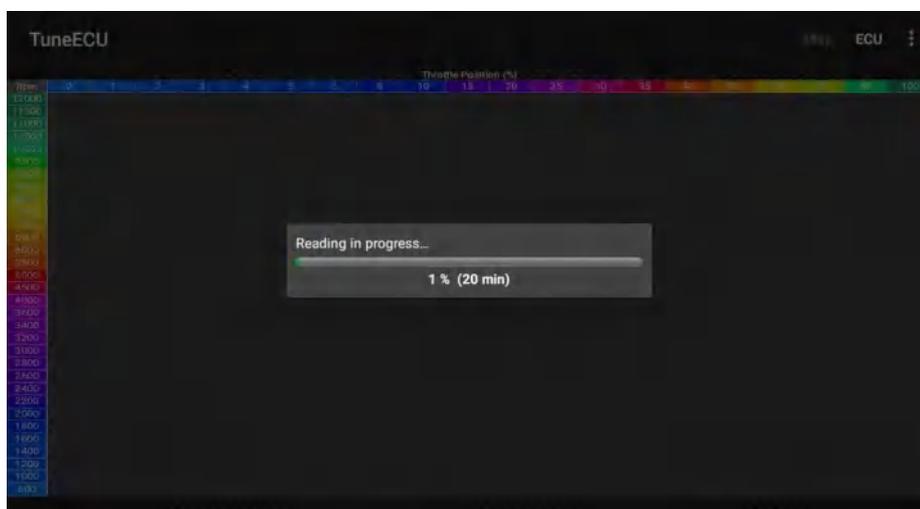Connect to the bike and do menu "ECU/Read Map"
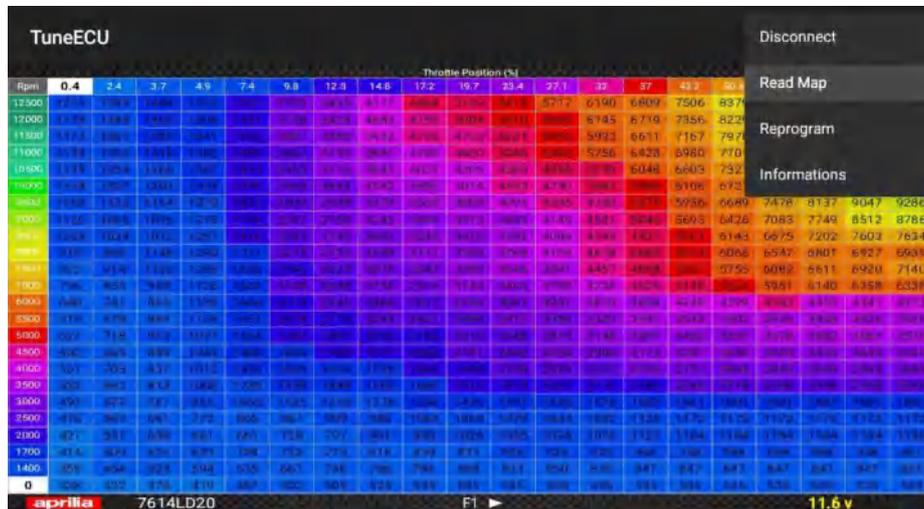
The map name is displayed

Tips: to reduce the download time, open a similar map as you have in the ECU before the readout.
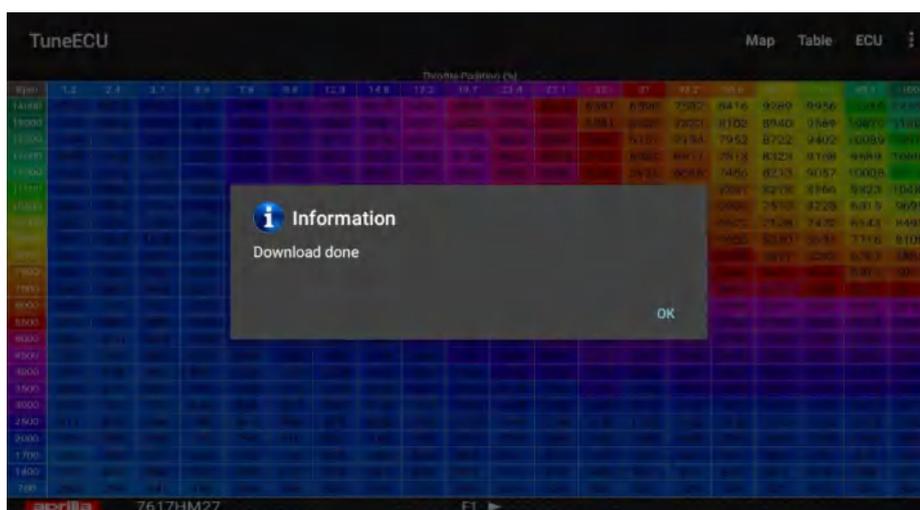
You can get this message, that means the Map is unknown for TuneECU, click "Yes", the ECU do the readout anyway

The process can take 5 to 25 min, depend of the type of ECU

The reading is complete and the map displayed in the screen, save it now

If you got the "Unknown Map" message at the beginning, the Map is not displayed but is saved in the TuneECU folder as a .bin file. Send me this file and i'll add in in the app later.

Write a map to the ECU

For many models only via USB, for new Triumph models only via Bluetooth. See bikes list.

Warning : Remove the headlight fuse and connect a battery charger or a 2nd battery to avoid voltage to drop during the process and the download failure.
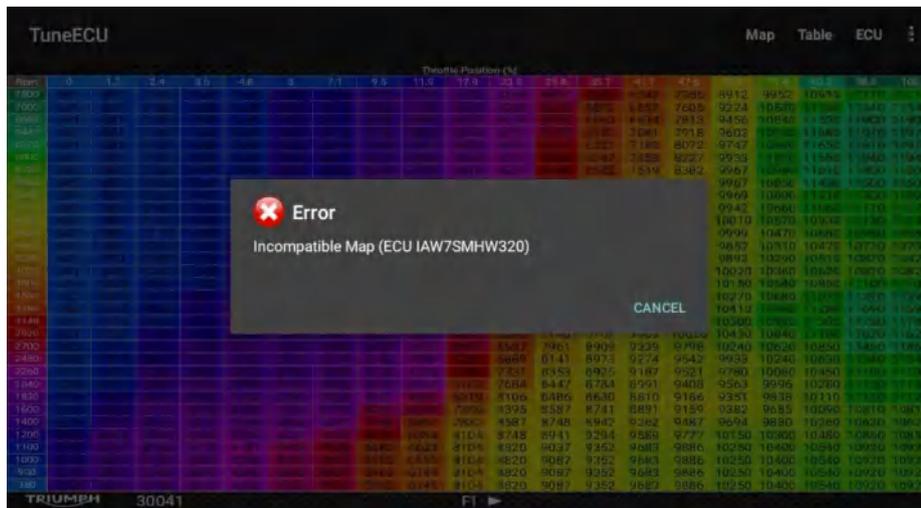
In Map Screen

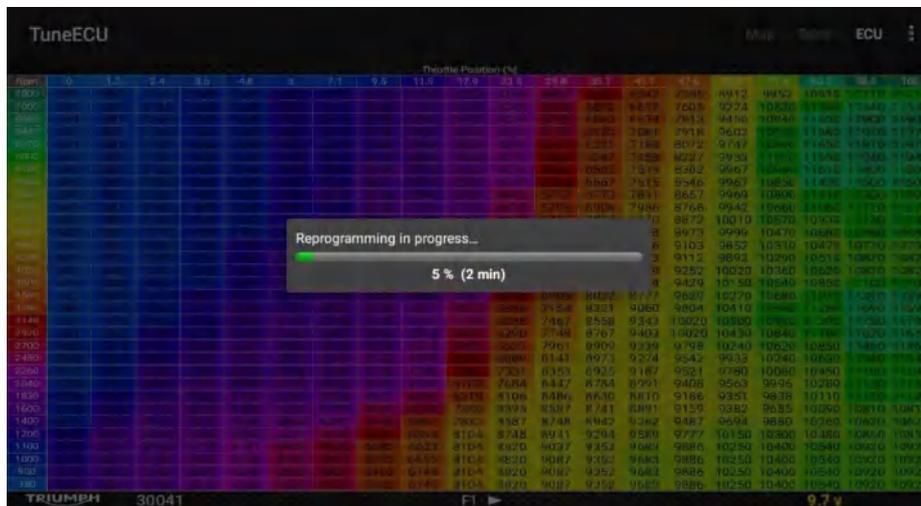The map to download is opened and displayed in the screen.
Ignition ON but motor not running, connect to the bike (menu "ECU/Connect") Then do menu "ECU/Reprogram" and valid the 2 warning messages.
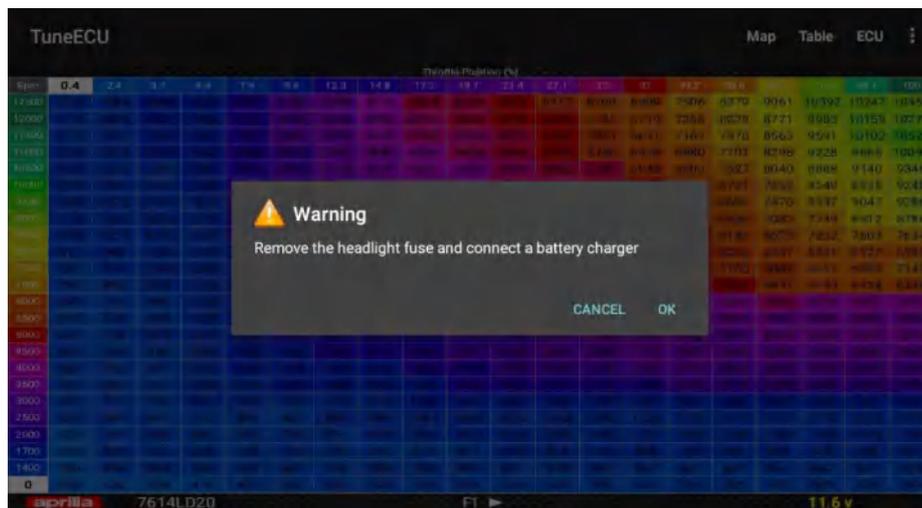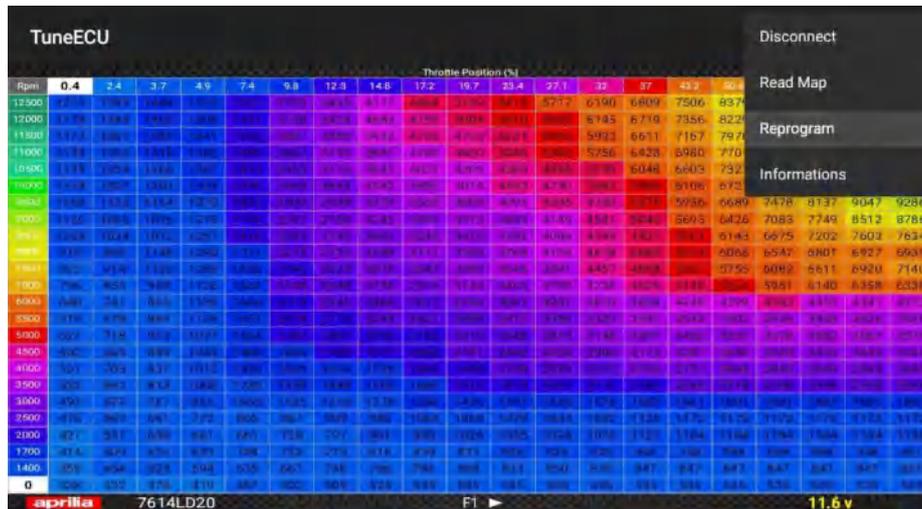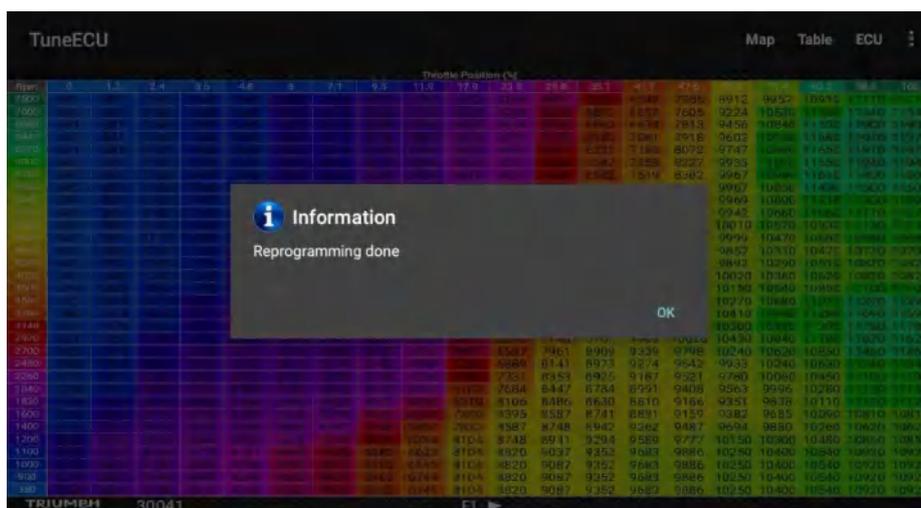
If the map is not compatible with the ECU, you will get an error message

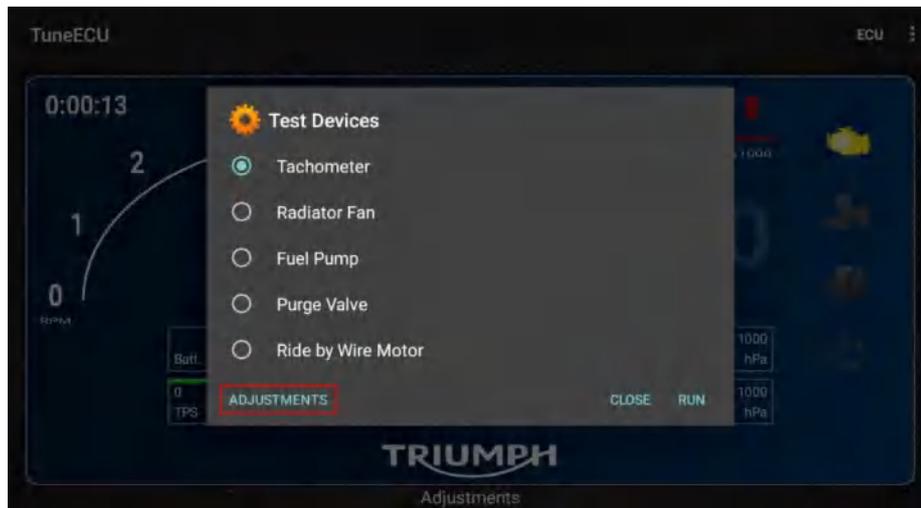The process can take 5 to 25 min, depend of the type of ECU

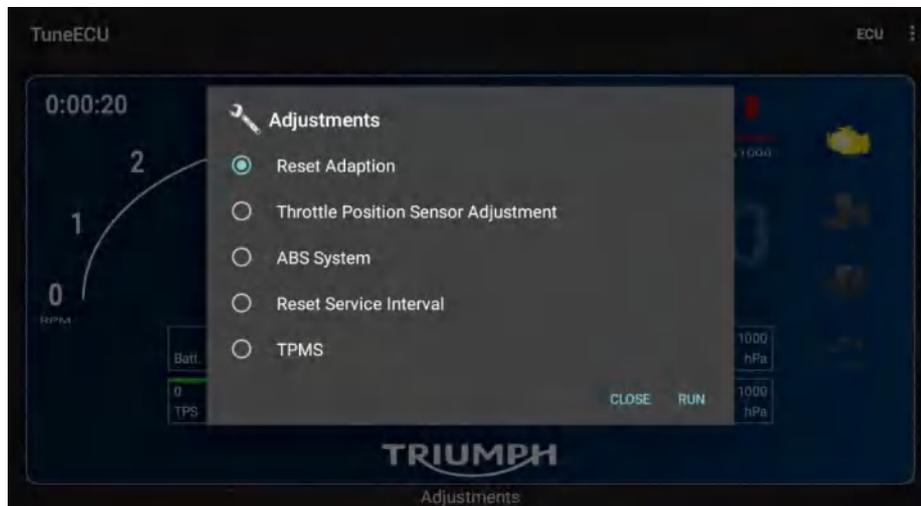The reprogramming was successful

Valid the message "Turn ignition OFF (5s) and ON again" wait for reconnecting.

Go to the "Tests & Adjustments" screen (swip screen to left), you have some actions to do after the reprogramming.

Go in menu "Tests & Adjustments" and click on the "Adjustments" button

For Triumph (ECU Keihin) select "Reset Adaption" and "Run"

When done, start the motor and let it running at idle for 15 min without touching the throttle.
Stop the motor after the 15 min.

For the latest Triumph (2020+) the Reset Adaptation is not available in TuneECU, if necessary you can do the 15mn idle adaptation, but generally the adaptation will be done while riding.

For KTM, Husqvarna, CCM... (ECU Keihin), start the motor and let it running at idle for 15 min also (max 16min), without touching the throttle. Stop the motor after the 15 min.

For bikes with Sagem ECU select "Reset TPS" and "Run".
When done, start the motor and let it running at idle for 30 sec without touching the throttle. Stop the motor after.

For Aprilia RSV4, Tuono V4, Shiver 750/900, Caponord 1200 and Dorsoduro 750/900/1200 (ECU 7SM & 5DM) you must do a "Handle Self Learning" and after cycling the ignition OFF/ON do the "Throttle Self Learning".
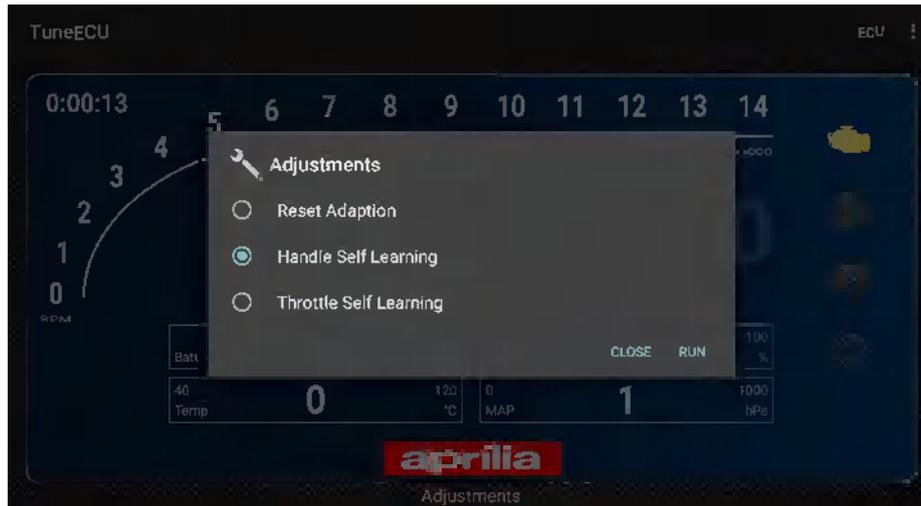
Additionally for Triumph with Cruise Control System

..... it may be, after reprogramming the ECU, the Cruise Control System stops working and therefore needs to be reset.

For cruise control models **with** "accelerate/ decelerate", e.g. Tiger 800, go ahead as follows:

- Ignition key ON engine not running
- Cruise control OFF
- Activate front brake switch
- Activate Rear brake switch
- Activate Clutch switch
- Twist grip switch (throttle in the closed position)
- Activate cruise ON/Off switch
- Activate cruise accelerate switch
- Activate cruise decelerate switch, if the CC light goes out the CC is resetted.

For cruise control models **without** "accelerate/ decelerate", Bonneville Bobber, go, go ahead as follows:

- Key in ignition with power on
- Kill switch on Run
- Activate front brake switch
- Activate rear brake switch
- Clutch switch
- Negative throttle switch (push the throttle forward)
- Activate cruise on/off switch

Source : Tiger 1200 Explorer Worldwide Forum

After completion of all work, turn ignition OFF and ON, check the error codes and erase if necessary.

Modify a table

- Open the map. Under menu Table, click "Modify". A flashing red border appears around the table.
- Press on a cell until it turns yellow. Holding your finger down, you can drag over a range of cells which turn yellow.
- Lift your finger to stop selecting cells.
- Then move your finger up or down anywhere on the map to increase or decrease the values.
- Save or discard the changes with the green check or red X in the upper right

Table can be modified in graphic mode, select the rpm row and then the TPS columns to modify or select the TPS value and the rpm columns.

Protect a map (only for Pro license and Triumph Keihin maps)

With the Pro license, for tuners that make custom maps, you have the possibility to protect yours maps.
Go in the menu Map/Informations, click the button "Protect", enter the VIN of the unique bike authorized for this map, a PIN code (other than 0000 or 1234) for unprotect the map if you want modify it later, check "Protected" item, valid and save the map.
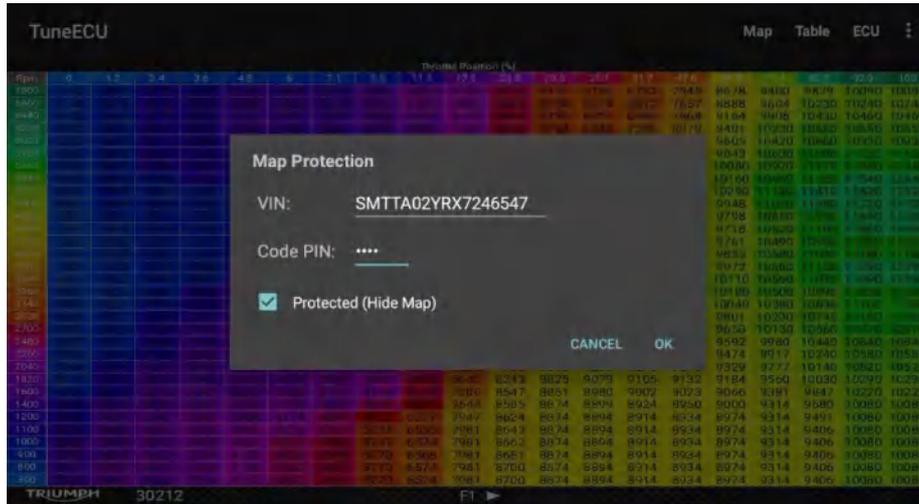
The tables of a protected map are not displayed and can't be copied or modified.
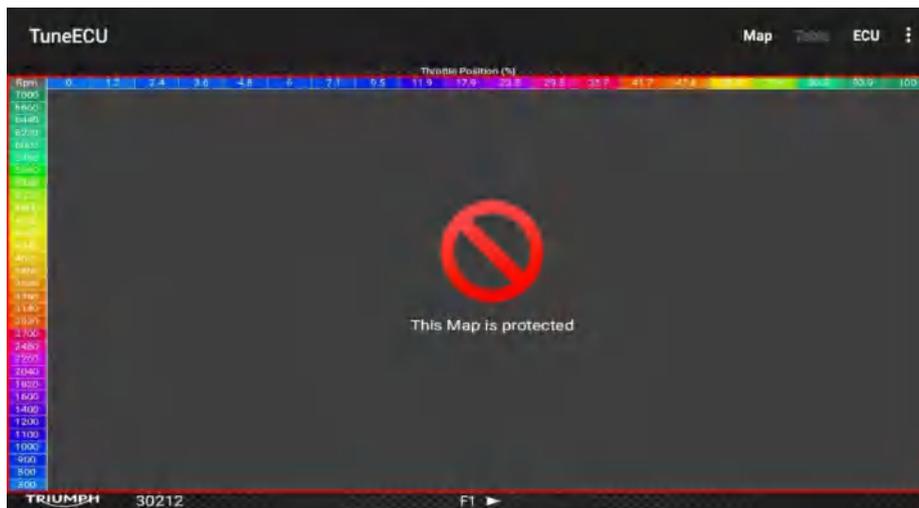
Only a Pro license with the PIN code can unprotect the map in the Map Protection screen to modify it.
When done don't forget to protect the map again and save it.

Sensors data recording

Go to the Sensors screen
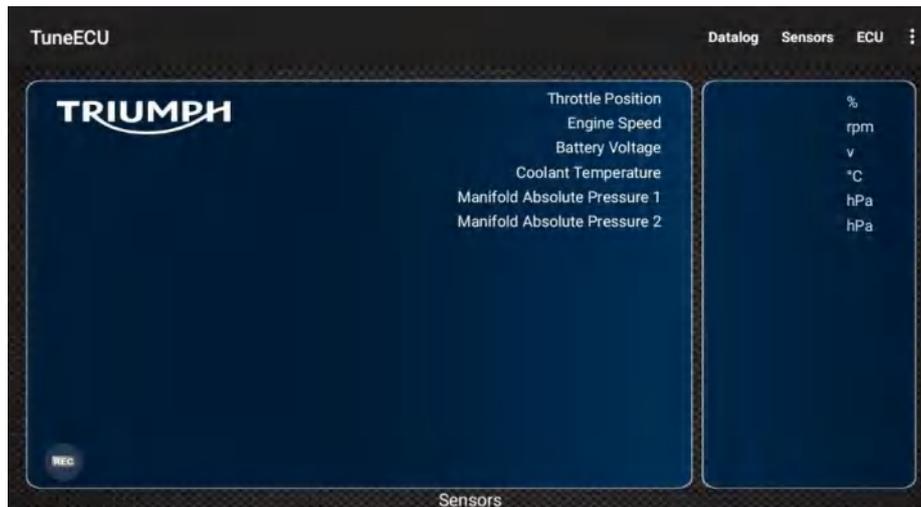
Select the sensors to be recorded in menu "Sensors/List"
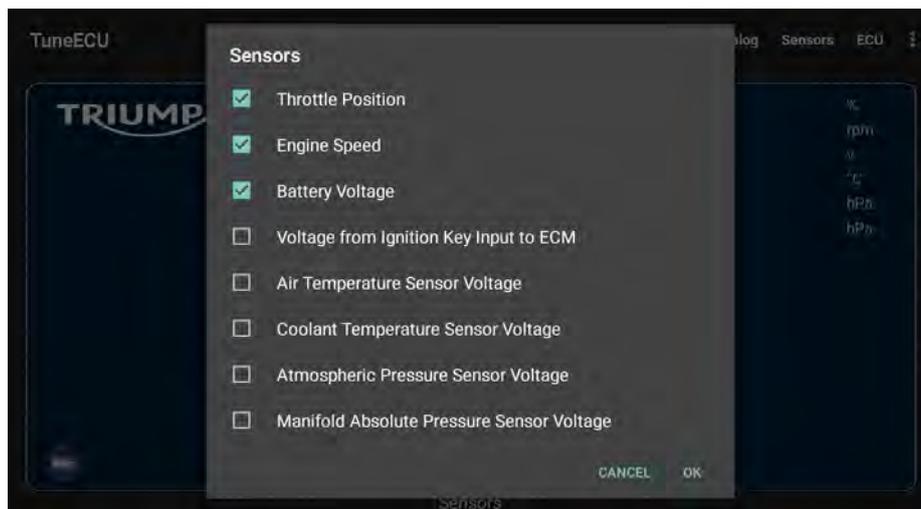
Click twice on the "REC" button (or do a long press for Android version 4), it must turn green and the red dots must appear at right of the values.

Select your bike and connect.

When datas are recording, the "REC" button turn red.
The recording is stopped by a long press on the "REC" button again.

A Datalog file is saved in .csv format in the "TuneECU/Logs" folder on your Android device.
This file can be played in the Dashboard Screen or opened and viewed in a screen.

<u>Enable the TPMS</u>

To activate the TPMS feature with TuneECU, go to the Adjustments screen then select "TPMS" and Connect
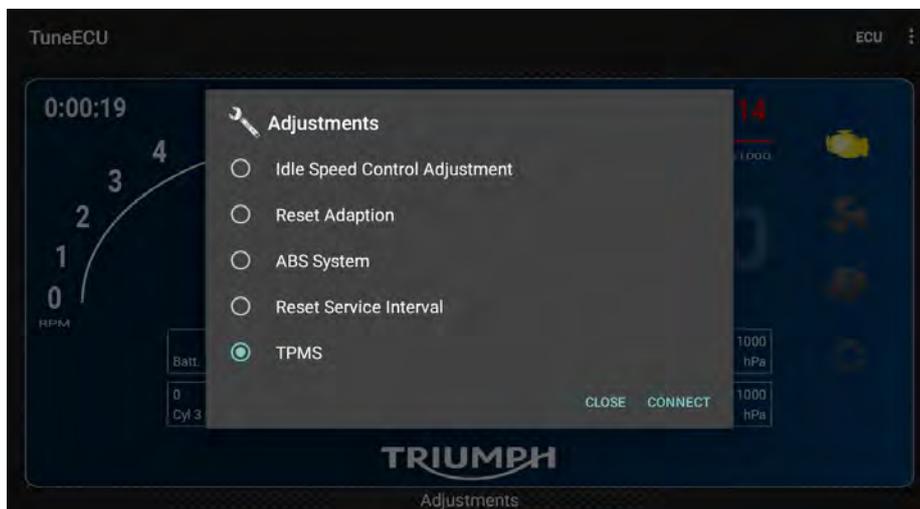
After a few seconds you have the TPMS panel, check "Enable" and choose the pressure unit (Bar or PSI)
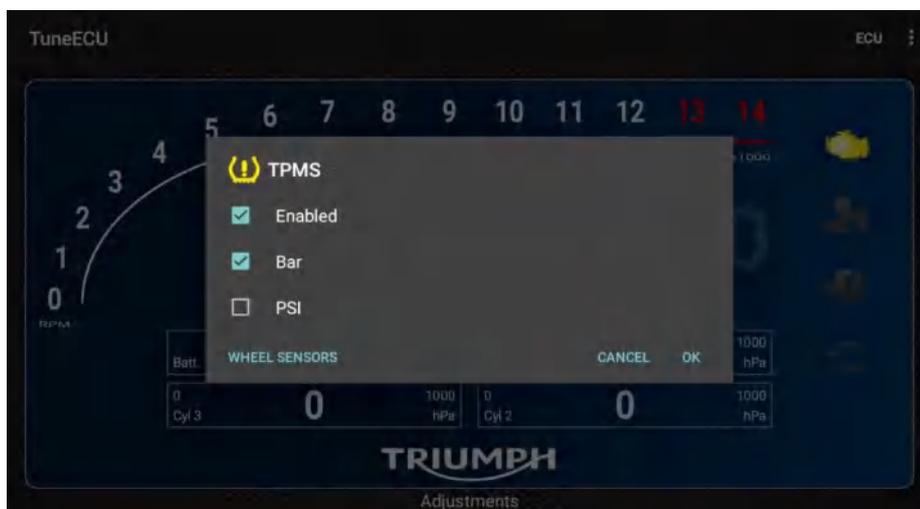
Select "WHEEL SENSORS"

Enter the front and rear sensor ID (it is written on the sensors) and valid
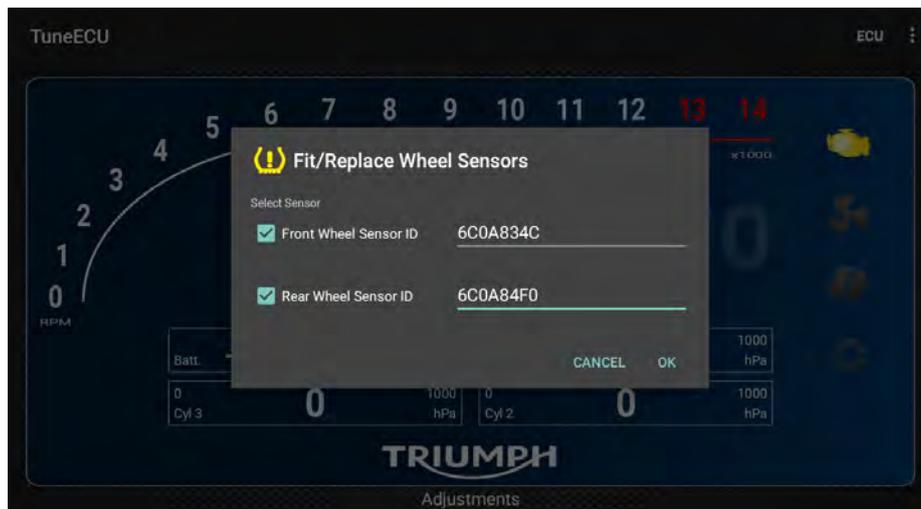
The TPMS sensors are now registered, the datas will be dispalyed on the bike dashboard or TuneECU TPMS screen when the motorcycle starts riding.
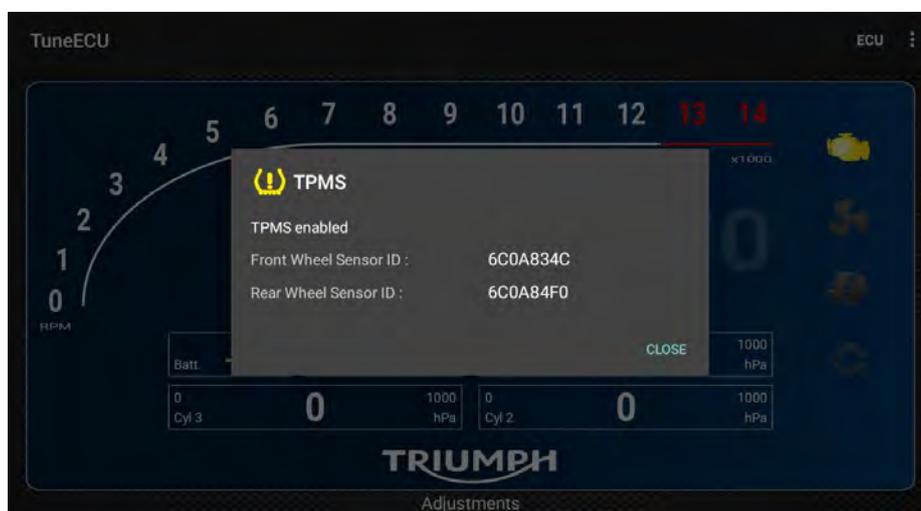
The ID on the TPMS sensor (here 0C271FC1)

Be careful to identify the front and rear sensors before mounting them in the wheel.

TPMS Screen (For Triumph models with TPMS)

For Android version 4, when connected in the Dashboard screen, you have an arrow at the right of the "REC" button.
Slide the "REC" button up and it change to "TPMS" button.
Do a long press on the button to go to the "TPMS" screen.

For Android version 5 and up, click twice on the "TPMS" button to go to the "TPMS" screen.

Videos, TuneECU for Android

* How to modify a TuneECU map with the Android Version (author: Alain)
* With the der Android Version on a Speed Triple 1050, model year 2014
* With the Android Version on a Street Triple, model year 2013
* With the Android Version via Bluetooth on a Street Triple, model year 2013 (Service Reset)
* With the Android Version via Bluetooth on a Tiger 800 XCA, model year 2018 (Service Reset)

ChangeLog

5.5.11 (12 feb 2022)
Bluetooth connection bug with Android 8 fixed

5.5.07 (28 jan 2022)
Minor bugs fixed

5.5.04 (07 jan 2022)
Adding a new skin
Adding updated maps for Triumph Tiger 850 Sport & Tiger 900

5.4.40 (29 oct 2021)
Adding maps for Triumph Bonneville, Scrambler 1200, Street Twin & Street Scrambler

5.4.36 (07 oct 2021)
Adding maps for Triumph Speed Twin MY from 2021

5.4.32 (16 sep 2021)
Updating map 31232 (02) for Triumph Speed Triple 1200 RS

5.4.30 (08 sep 2021)
Adding maps for Triumph Rocket 3 GT & R from VIN AV5457

5.4.22 (31 aug 2021)
Function "Reset Interval Service", improved

5.4.16 (12 aug 2021)
Some modifications in the "How to register" instructions

5.4.14 (09 aug 2021)
Bug in the ETV 3 tables for Triumph 800 fixed

5.4.12 (02 aug 2021)
Some bugs fixed

5.4.05 (11 jun 2021)
Adding the "Protect Map" feature (for Pro license)
Some bugs fixed

5.3.20 (04 may 2021)
Adding maps for Triumph 2021 models:
- Speed Triple 1200 RS
- Street Scrambler/Street Scrambler Sandstorm

5.3.10 (29 apr 2021)
Maps can be download directly in the app from the web server

5.2.59 (09 apr 2021)
Adding maps for Triumph 2021 models:
- Bonneville Bobber, Speedmaster, T100, T120 & T120 Black
- Street Twin/Street Twin Goldline
License update improved

5.2.57 (04 apr 2021)
Adding maps for Triumph 2021 models:
- Bonneville Bobber, Speedmaster, T100, T120 & T120 Black
- Street Twin/Street Twin Goldline

5.2.45 (27 mar 2021)
Android 11 : No longer needed to ask to register a bike
Registration failure fixed

5.2.16 (03 mar 2021)
Android 11 : No longer needed to ask to register a bike
Bugs fixed

5.2.09 (22 feb 2021)
Bugs fixed :
- Ducati ECU recovery, incompatible Map error
- Aprilia Shiver/Dorsoduro 750, no connection

5.2.06 (16 feb 2021)
Adding a race map for Triumph Daytona 675

5.2.03 (08 feb 2021)
Adding maps for Triumph Trident 660
Incompatibility Android 11 fixed

5.2.00 (02 feb 2021)
Adding a map for Aprilia RSV4 1100 (7617HM27)
Adding maps for Triumph Trident 660

5.1.71 (02 dec 2020)
Adding maps for Triumph Tiger 850 Sport

5.1.62 (10 nov 2020)
Adding a map for Ducati 1098 (2237BA7LN30) Bug in Datalog player fixed

5.1.54 (03 nov 2020)
Triumph database updated Bug in edition mode fixed

5.1.46 (20 oct 2020)
Reprogramming failure with OBDLink firmware 5.6 solved

5.1.39 (13 oct 2020)
Ability to zoom on tables
Adding maps for Triumph Tiger 900 & Rocket 3 GT, R, TFC

5.1.04 (25 sep 2020)
Ability to zoom on tables in cells view mode
Adding maps for Triumph Street Triple 2020 & Thruxton RS

5.0.01 (17 sep 2020)
Adding maps for Triumph Street Triple 2020 Bugs fixed

4.9.19 (02 sep 2020)
Bugs fixed

4.9.05 (07 aug 2020)
Adding a map for Ducati Streetfighter 1098 (321414PW022)

4.9.02 (04 aug 2020)
Reprogramming latest Triumph models (with OBDLink LX/MX) take now 2-3 minutes if the maps bases are the same
Adding the function to activate the ABS menu in the dashboard (Triumph)

4.8.79 (30 july 2020)
Bug fixed (ETV table for Triumph Bonneville Bobber TFC)

4.8.75 (13 july 2020)
Adding a map for Ducati 848 SBK(22ADBADLM14)

4.8.67 (02 july 2020)
Adding maps for Triumph Scrambler 1200 Bond Edition
Bugs fixed

4.8.52 (09 jun 2020)
Real time display of TPS and rpm position in the map screen

4.8.47 (23 may 2020)
Adding a map for Aprilia Tuono V4 2011 (USA)
Bug fixed (Benelli Walbro ECU)

4.8.33 (04 may 2020)
Adding a map for Aprilia Caponord 1200 Rally

4.8.18 (27 apr 2020)
Support of KTM 250/350 SXF (Diagnostics only)

4.8.07 (20 apr 2020) Bug fixed :
- App crashes sometimes when comes back to foreground
- Download fails with some phones and OBDLink device

4.8.02 (15 apr 2020)
New look and adding two themes

4.7.36 (04 apr 2020)
Bug fixed (Aprilia HW310/320 ECU)

4.7.17 (05 mar 2020)
New bug fixed (can't open an Aprilia map)

4.7.15 (02 mar 2020)
Adding maps for Bonneville Bobber TFC

4.7.08 (19 feb 2020)
Adding the map Race for Triumph Daytona 675 2013+

4.6.35 (21 jan 2020)
Adding maps for Triumph Daytona Moto2™ 765 and Thruxton TFC

4.6.24 (28 dec 2019)
Adding maps for Triumph Tiger Explorer, Thunderbird 1700, Trophy

4.6.19 (16 dec 2019)
Adding maps for Triumph Explorer

4.6.12 (12 nov 2019)
Adding maps for Triumph Tiger 1200
Adding a map for Aprilia Caponord 1200 & Shiver 900

4.5.64 (18 oct 2019)
Adding maps for Triumph Bonneville Speedmaster, T100 & T120

4.5.44 (25 sep 2019)
Adding maps for Triumph Street Cup & Street Scrambler

4.5.40 (17 sep 2019)
Adding maps for Triumph Street Twin & Speed Twin

4.5.37 (9 sep 2019)
Adding maps for Triumph Tiger 800 MY 2015-2017

4.5.32 (23 Aug 2019)
Adding maps for Triumph Tiger 800 MY 2018+ & Bonneville Bobber

4.5.28 (7 Aug 2019)
Adding maps for Triumph Scrambler 1200 & Thruxton 1200

4.5.23 (30 july 2019)
Adding a map for Aprilia Dorsoduro 900

4.5.21 (26 july 2019)
Adding maps for :
Triumph Speed Triple 1050 VIN from 735438*
Triumph Tiger Sport VIN from 750470*

4.5.10 (12 july 2019)
Adding maps for Triumph Daytona 675 VIN from 564948*
Adding maps for Triumph Street Triple VIN from 560477*
Adding maps for Aprilia Caponord & Dorsoduro 1200

* These models can be remapped only with the OBDLink LX or MX Bluetooth (firmware version 4.3 or up)
www.obdlink.com/lxbt/
www.obdlink.com/mxbt/

4.2.50 (24 june 2019)
Bugs fixed (Reset Maintenance for latest Triumph)

4.2.31 (19 june 2019)
Adding maps for Aprilia RSV4 1100 Factory (USA & Race)
Adding a map for Aprilia Dorsoduro 900 (48HP)

4.2.27 (3 june 2019)
Adding a Map for Tuono V4 (2011) 1338AM04
Bug fixed (no recovery for Walbro ECU)

4.2.20 (27 May 2019)
Adding Maps for Aprilia :
Shiver 900, 7616BG18 (2018)
RSV4, 4021AA04 (2009), 6404BD51 (2016)

4.2.14 (20 May 2019)
Adding Maps for Ducati : 848 (2), SF1098 (4), 1198 (2), ST3/4 (6)

4.2.10 (10 May 2019)
Menu Units (TPMS) not visible with Android 4.4.x, fixed
Bug ABS System bleed for Triumph twins models fixed

4.2.06 (03 May 2019)
Adding a map for RSV4 1100 Factory (Europe)
Easy access to the tables, no longer necessary to swipe the screen x times to display the last table
Bugs fixed :
- App abort after ~30 min when connected through USB cable
- ECU Keihin : Copy Idle & F/L tables error
- ECU Walbro : Table I incorrect after modification

4.1.90 (24 apr 2019)
Adding a map for Ducati 848 EVO
Reset Interval Service for Triumph detect now the bike configuration (km/miles) with some values added

4.1.78 (17 apr 2019)
Difficulty to do the recovery procedure on on 5DM/7SM ECU fixed

4.1.71 (5 apr 2019)
Some old Triumph maps not recognized, fixed

4.1.68 (27 mar 2019)
Adding maps for :
- Aprilia Dorsoduro 750 (34HP restricted power)
- Ducati Sport Classic (3)
- Ducati ST3 (6)
- Ducati ST4 (3)
- Ducati Streetfighter 1098 (2)

4.1.60 (14 mar 2019)
Adding 106HP restricted power map for Dorsoduro 1200

4.1.56 (8 mar 2019)
Adding maps for Dorsoduro 1200 (Standard USA & Arrow full power map)

4.1.45 (21 fev 2019)
Bug Recovery ECU for Dorsoduro/Shiver 750 fixed

4.1.38 (14 fev 2019)
Bug for Android 4.2 fixed

4.1.30 (29 jan 2019)
Adding a map for Morini 1200 Sport

4.1.29 (21 jan 2019)
Bug fixed (Sagem MC2000)

4.1.25 (10 jan 2019)
Adding a map for Aprilia RSV4 2017 (7613HA08)

4.1.22 (19 dec 2018)
Adding a map for Tuono V4 1100 (7614LD17)

4.1.16 (10 dec 2018)
Adding TPMS screen for Triumph
Adding a glossary
Adding export TuonoV4 & RSV4 maps in bin format
Bugs fixed

4.0.11 (20 oct 2018)
TPMS configuration for Triumph
Adding Portuguese (Brazil) language
Adding maps for Aprilia Tuono 1100 (6401DA44) & Ducati MTS 620ie (2219B19ER28)
Adding Ignition tables for Aprilia V4
Bugs fixed

3.9 (30 aug 2018)
Adding import table feature
Adding maps for RSV4, Tuono V4 & Dorsoduro 750
bugs fixed

3.8 (march 2018)
Adding maps for RSV4 & Tuono V4
Adding comparison maps feature

3.7 (20 fev 2018)
Support Aprilia models RSV4R & Tuono V4

3.6 (31 aug 2017)
Adding Datalog feature in the "Sensors" screen
Adding Idle table for 690 KTM (in EP Map)
Adding 2nd Throttle table for Husqvarna 449/511

Glossary :

ABS: Anti-lock Braking System
CAN: Controller Area Network
DTC: Diagnostic Trouble Codes
ECU: Engine Control Unit
EPC: Electronic Power Control
EXBV: Exhaust Butterfly Valve
IMU: Inertial Measurement Unit
ISCV: Idle Stepper Control Valve
MAP: Manifold Air Pressure
MIL: Malfunction Indicator Lamp
SAI: Secondary Air Injection
TC: Traction Control
TPMS: Tire Pressure Monitor System
TPS: Throttle Position Sensor
TSA: Triumph Shift Assist
TTC: Triumph Traction Control
VIN: Vehicle Identification Number