



# VEHICLE INSPECTION KIT

User manual  
Version 1.0



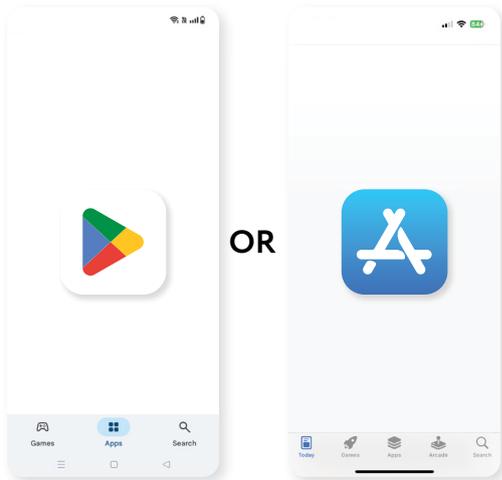
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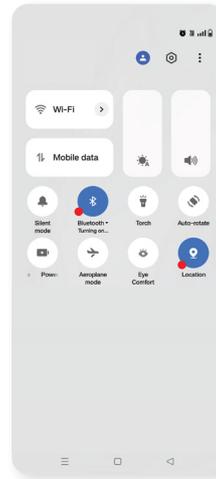
## Key Inspector App



**1** Find **Key Inspector App** in Google Play or the Apple App Store. Download and install it.



**2** Enable **Bluetooth** and **Location** on your mobile phone (required for Bluetooth discovery).



**3** **Launch the application, turn on your ProTag** device by pressing its button, and follow the on-screen instructions.

- You will need to enter your SET ID (found in your order information), then authenticate using your phone's biometrics (fingerprint or Face ID).
- Your 2-year free subscription period starts from this moment.

**4** **You're ready!** Insert a key into the ProTag and press the Read button.



**Device limitation:** this app can be used on up to five different mobile phones with the same SET ID

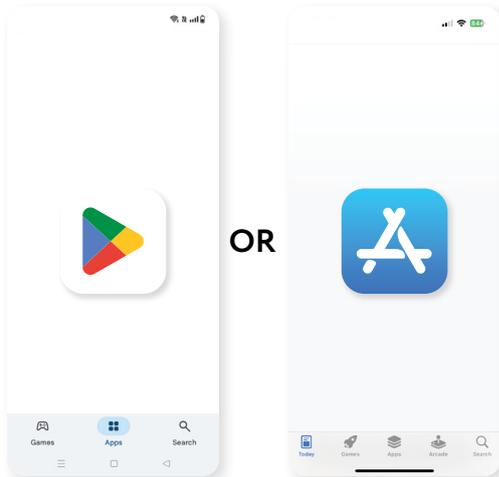


When your 2-year free usage period ends, please visit and purchase your next subscription here

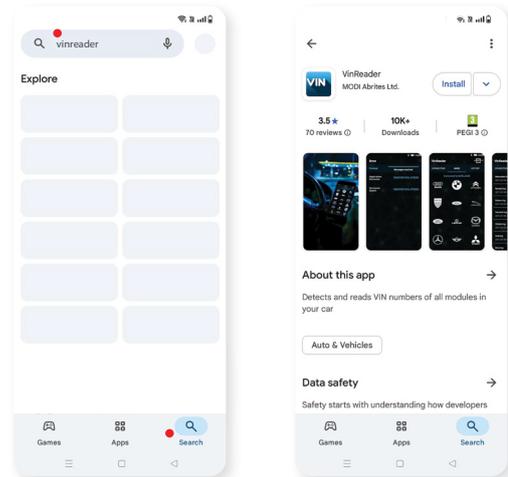
## VIN Reader Quick Start Guide



### 1 Go to the Apple App Store or Google Play Store



### 2 Search for and download VinReader App



### 3 Connect the MODI Device

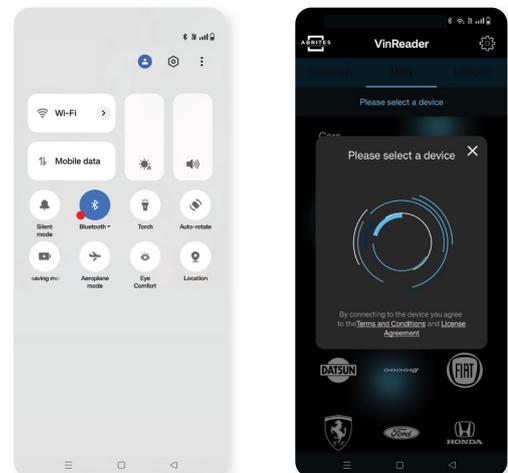
Plug the MODI device into your vehicle's OBDII port.

- The OBDII port is typically located under the dashboard, near the driver's seat, near the glovebox, or around the area near the footwell



### 4 Launch the App

- Enable the Bluetooth on your mobile device
- Open the VinReader App on your mobile device



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## 5 Connect the Device

Tap on Connect within the app to pair it with the MODI Device



## 6 Perform VIN/Mileage scan

YOU'RE NOW  
**READY TO USE**  
YOUR MODI DEVICE!

Please read the full User Manual

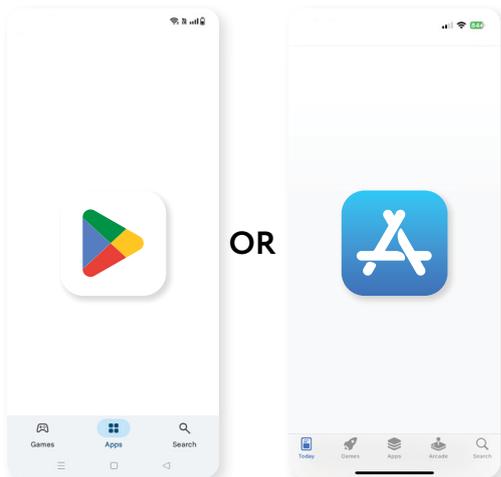


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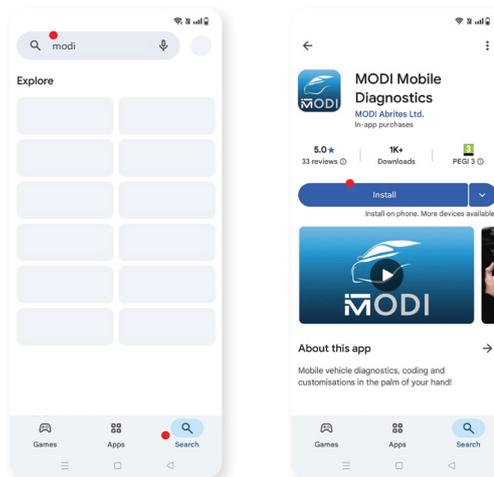
# MODI Quick Start Guide



## 1 Go to the Apple App Store or Google Play Store



## 2 Search for and download MODI Mobile Diagnostics



## 3 Connect the MODI Device

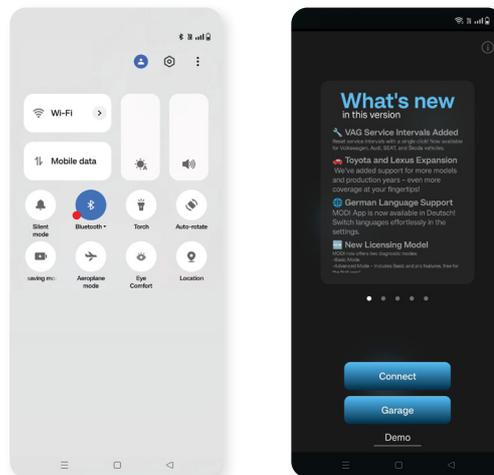
Plug the MODI device into your vehicle's OBDII port.

- The OBDII port is typically located under the dashboard, near the driver's seat, near the glovebox, or around the area near the footwell



## 4 Launch the MODI App

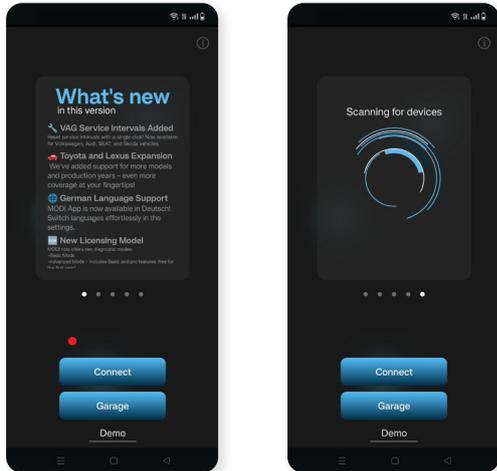
- Enable the Bluetooth on your mobile device
- Open the MODI Mobile Diagnostics App on your mobile device



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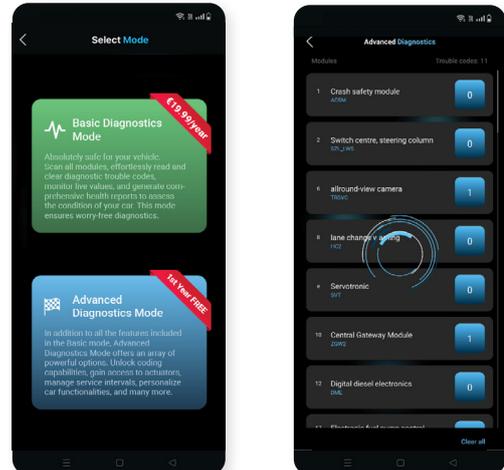
## 5 Connect the Device:

- Tap on Connect within the app to pair it with the MODI device



## 6 Run the Diagnostics

- You can choose between two diagnostic mode's - Basic and Advanced



## 7 Once Connected

- Follow the on-screen prompts to run diagnostics or any additional functions as needed



YOU'RE NOW  
**READY TO USE**  
YOUR MODI DEVICE!

Please read the full User Manual

## Technical Specifications and Regulations

**PROTAG ZN003** is a hardware interface for reading and extracting information from vehicle keys and transponders, used in modern authentication systems and immobilizers. The main purpose of the device is to provide the user with access to the key data available for the specific vehicle, such as key type, Vehicle Identification Number (VIN), vehicle type, color code, time and date of last drive, battery voltage, fuel quantity, and mileage stored in the key. \*Note that the availability of this information depends on the vehicle manufacturer and the specific vehicle model. The hardware interface operates with one mobile application – Key Inspector App – compatible with the operating systems iOS and Android.

### Product name: PROTAG

- **Model:** ZN003 - PROTAG V2
- **Made in:** Bulgaria
- **Manufactured by:** Abrites Ltd., Sofia, Bulgaria
- **Power:** 5V DC, USB C IN 5 VDC / 300mA - contains 1100 mAh rechargeable Li-ion battery
- **IP Rating:** IP20
- **Working Temperature Range:** 0°C to +30°C
- **Weight:** 190g
- **Dimensions:** 135x82x33mm

### Compatibility:

- To check the full list of supported vehicles and features, go to [abrites.com/products/vehicle-inspection-kit](https://abrites.com/products/vehicle-inspection-kit)

### Requirements:

- iOS 15.6 or newer supported phones/tablets
- Android 5.0 or newer phones/tablets
- Stable internet connection

The **PROTAG V2** device is an electronic product and must not be disposed of as household waste. Please follow local regulations for electronic waste disposal or recycling. Improper disposal may have a negative impact on the environment.



**MODI** is a hardware interface for mobile diagnostics that connects to the OBD2 port of the vehicle (car, van, truck) and to the user's mobile device. This device makes the connection between the user and the vehicle possible, the main purpose being to provide the user with easy and understandable diagnostics as well as a detailed report of the general condition of the vehicle. The hardware interface works with 2 mobile applications (MODI Mobile Diagnostics App and VIN Reader App) compatible with the operating systems - iOS and Android.

### Product name: MODI

- **Model:** ESP32 v04
- **Made in:** Bulgaria
- **Manufactured by:** Abrites Ltd., Sofia, Bulgaria
- **Working voltage:** 11-25V
- **IP Rating:** IP44
- **Working Temperature Range:** -10°C to +30°C
- **Weight:** 120g
- **Dimensions:** 40x75x20mm

### Compatibility:

- To check the full list of supported vehicles and features, go to [modiobd.com/brands](http://modiobd.com/brands)

### Requirements:

- iOS 15.6 or newer supported phones/tablets
- Android 5.0 or newer phones/tablets
- Stable internet connection

### Declaration of Conformity

Abrites Ltd. hereby declares that the MODI device is in compliance with the essential requirements and other relevant provisions of directives:

- **2014/53/EU (Radio Equipment Directive)**
- **2011/65/EU (RoHS Directive)**
- **2012/19/EU (WEEE Directive)**
- **Radio Equipment Regulations 2017 (SI 2017 No. 1206) (UK equivalent of RED)**
- **The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (SI 2012 No. 3032) (UK equivalent of RoHS)**

The **MODI** device is an electronic product and must not be disposed of as household waste. Please follow local regulations for electronic waste disposal or recycling. Improper disposal may have a negative impact on the environment.



### **Federal Communications Commission (FCC) Statement**

- **Product Name:** MODI ESP32 v04
- **Wireless Module:** ESP32-WROOM-1-S3
- **FCC ID:** 2AC7Z-ESPS3WROOM1
- The MODI device incorporates the ESP32-WROOM-1-S3 wireless module as its primary communication module
- No modifications have been made to the module from its original certified state

### **This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:**

- This device may not cause harmful interference
- 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. If not installed and used in accordance with the instructions, it 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 or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and the receiver
- Connect the equipment to an outlet on a different circuit than the receiver
- Consult the dealer or an experienced Radio/TV technician for assistance

### **CAUTION**

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. MODI Abrites Ltd. is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment.

### **Prohibition of Co-location**

This device and its antenna must not be co-located or operated in conjunction with any other antenna or transmitter.

### **FCC RF Radiation Exposure Statement**

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. To maintain compliance with FCC exposure regulations, end users must follow the specific operating instructions as documented in this manual.

### **CAUTION**

This equipment must be installed and operated in accordance with the provided instructions. The antenna(s) used for this transmitter must be installed to provide a minimum separation distance of 20cm from all persons and must not be co-located or operated in conjunction with any other antenna or transmitter.

## Safety information

### Important Safety Instructions

- Do not disassemble the MODI device and the ProTag device! Any changes or modifications could void the warranty and user's authority to operate this equipment.
- Please consult representatives of your vehicle model regarding OBDII location on your vehicle. In case you are not sure of proper connection, please consult qualified personnel. Abrites Ltd. does not take responsibility for any third-party modifications made to the vehicle's OBDII connector that may affect its original working condition.
- All wireless data transferring devices produce interference that may affect other devices which are placed nearby
- You must never use the Services while driving. Abrites Ltd. does not bear any responsibility for any damage or harm caused to the user or a third party or property if the Services have been used while the connected motor vehicle were in motion
- **ATTENTION!** The MODI device uses SELV limited power source. The nominal voltage is 12/24V DC. The allowed range of voltage is 11V - 25V DC.
- The devices are sensitive to water and humidity. Keep away from fire, water, humidity and hot environments to prevent damage.

### Basic Mode: Safety Information

The Basic Diagnostics Mode in MODI is designed for users with minimal technical knowledge, allowing safe vehicle diagnostics and health checks. However, even in basic mode, some safety precautions are essential:

- Ensure the vehicle is parked on a level surface and secured properly before starting diagnostics
- Always follow the vehicle manufacturer's safety instructions during any diagnostic process
- Be cautious when reading live data or clearing error codes, as these actions can impact vehicle performance
- Avoid using the app while the vehicle is in motion for safety reasons
- Work in a well-ventilated space, ensuring any exhaust fumes are directed safely out of the area

This mode is crafted for simplicity, but the user must remain aware of the surroundings and follow the vehicle manufacturer's user manual

### Advanced Mode: Safety Information

The Advanced Diagnostics Mode offers a range of powerful features for users with more technical experience, such as coding, actuators, and service interval management. Given the advanced nature of these features, we recommend users observe the following safety measures:

- This mode should be used by experienced individuals who understand vehicle electronics and the risks involved with programming and system changes
- Always disconnect the vehicle battery before performing any major electrical operations to avoid shock or short circuits
- When working with actuators and other moving parts, keep a safe distance and ensure no one else is near the vehicle
- Make sure the work environment is free of any combustible materials, sparks, or open flames when using this product
- Be aware that advanced diagnostics can change vehicle settings. Ensure you have a backup of the original settings before making adjustments
- When coding or modifying vehicle functions, ensure you are familiar with the manufacturer's recommendations and guidelines to avoid unintended consequences.

\*To use the **Advanced Diagnostics Mode** in a safe and responsible manner, you must have above average proficiency skills with respect to the operation of any vehicle on which the Services are going to be used. MODI Abrites does not bear any responsibility if you attempt to use the Advanced Diagnostics Mode without having the requisite skills, knowledge and experience to navigate the resulting modifications in your vehicle's operation

## Troubleshooting Tips

### Cannot find or pair with the MODI device

If your phone or tablet cannot detect or connect to the MODI device, try the following steps:

- Check the power LED – Ensure the MODI device's LED is blinking
- Restart Bluetooth – Turn off and then turn back on Bluetooth on your phone/tablet
- Restart the application – Close and reopen the last used application - MODI MobileDiagnostics App or VinReader App
- Switching between applications? – If you used one app and want to switch to the other, close the first app completely before opening the next one
- Restart your phone/tablet – A simple reboot can resolve connectivity issues
- Check your internet connection – Ensure you have a stable internet connection or switch to Wi-Fi
- Keep vehicle ignition ON – Some vehicles require the ignition to be on for the OBDII port to function
- Other Bluetooth devices? – If multiple Bluetooth devices are connected, try unpairing all other devices before reconnecting MODI

### The MODI device is plugged in, but the LED indicator is not blinking

If the LED does not turn on after inserting the device into the OBDII port:

- Try using the device in another vehicle (if possible)
- If the issue persists, contact us for support: [support@abrites.com](mailto:support@abrites.com)

### Cannot find or pair with the ProTag device

If your phone or tablet cannot detect or connect to the ProTag device, try the following steps:

- Check the battery level – Ensure the ProTag device is sufficiently charged. If needed, charge it via the USB-C port before use.
- Turn on the device – Press the ProTag button to power it on. Once turned on, Bluetooth is activated automatically.
- Confirm Bluetooth is enabled on your phone/tablet – Make sure Bluetooth is turned on in your device settings.
- Restart the application – Close and reopen the Key Inspector Mobile application.
- Wake the device – ProTag has an automatic power-off function. If the device has not been used for a period of time, it may turn off automatically. Press the button again to power it on.
- Other Bluetooth devices – If multiple Bluetooth devices are connected, try disconnecting or unpairing other devices before reconnecting ProTag.

### Turning off the device

- Automatic power-off – ProTag turns off automatically when not in use to preserve battery life.
- Manual power-off – Press and hold the button for a few seconds to turn off the device manually.

For more detailed information about the Warranty, General Terms and Conditions, License Agreement and Privacy Policy, please visit our website: [abrites.com](http://abrites.com)

## Important notes

Abrites Ltd. software and hardware products are developed, designed and manufactured by Abrites Ltd. During the production process we comply to all safety and quality regulations and standards, aiming at highest production quality. Abrites Ltd. hardware and software products are designed to build a coherent ecosystem, which effectively solves a wide range of vehicle-related tasks.

The Mobile diagnostic interface (MODI) is providing access to car health check and hundreds of activations and custom options.

- Full vehicle scan
- Access coding options and configurations
- Monitor live data
- Actuators Testing
- Virtual Garage
- Two Diagnostic Modes (Basic and Advanced)

The **ProTag V2 hardware** interface provides access to reading and extracting data from vehicle keys and transponders, including:

- Identification of key and transponder type
- Reading key and transponder data where supported
- Compatibility with a wide range of vehicle brands and key technologies
- Bluetooth connectivity for use with the KeyInspector Mobile application

### Return Policy

- We are accepting 14 days return policy. Item must be returned in original package and without marks of use
- Hardware, purchased online, may be opened for the purpose of inspection (but, not used) and may be returned for refund or exchange within 14 days of the dispatch date
- Virtual items as online subscriptions (managed by Apple and Google) can't be returned for refund
- If returning hardware, it must contain all the components

### Warranty

- Abrites Ltd. guarantees its products to be free of any manufacturing defects for a period of 24 months. If the MODI device should fail within this specific warranty time, the device can be:
  - Repaired
  - Replaced with a new device
- This warranty does not apply to Products you purchased from unauthorized resellers, or where instructions for use or activation of the Product are not complied with or where Product is damaged as a result of abuse, accident, modification or other causes beyond our reasonable control

### How to Submit a Warranty Claim

- To obtain warranty service, contact us via our contact form: [support@abrites.com](mailto:support@abrites.com)
- You will be responsible for securely packaging the Hardware and including the requested information, such as account verification information
- You are also responsible for all shipping and handling charges, in addition to any applicable customs duties, VAT or other associated taxes or charges when returning the Hardware device
- Hardware for which Abrites Ltd. cannot reproduce the claimed defect or for which your purchase cannot be verified will be rejected

## Key Inspector App



**Key Inspector** is a standalone mobile application designed to work with the ProTag V2 hardware interface. It allows users to read and identify data from vehicle keys and transponders.

The Key Inspector App communicates wirelessly with ProTag V2 via Bluetooth and provides access to supported key and transponder information, including key type identification and available data parameters. The application is intended for professional use, such as vehicle inspections, verification, and documentation of key-related information.



## USING THE KEY INSPECTOR APP WITH THE PROTAG V2 DEVICE

BEFORE USING THE KEY INSPECTOR APP, ENSURE THE FOLLOWING STEPS ARE COMPLETED:

### 1 Charge the ProTag V2 Device

Connect the ProTag V2 device to a power source using a USB-C cable and make sure the battery is sufficiently charged.



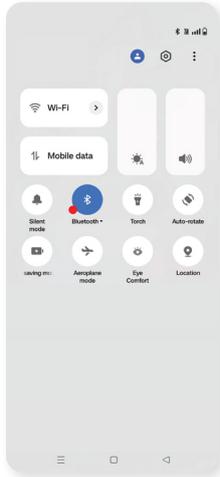
### 2 Power on the ProTag V2 device

Press the device button to turn it on. Once powered on, Bluetooth is activated automatically.



### 3 Enable Bluetooth on your Mobile Device

Make sure Bluetooth is enabled on your phone or tablet.



### 4 Open the Key Inspector App

Launch the Key Inspector Mobile application on your device.



### 5 Set a secure screen lock (Android & iOS)

On Android and iOS devices, the Key Inspector App requires a secure device lock to enable certain security-related functions.

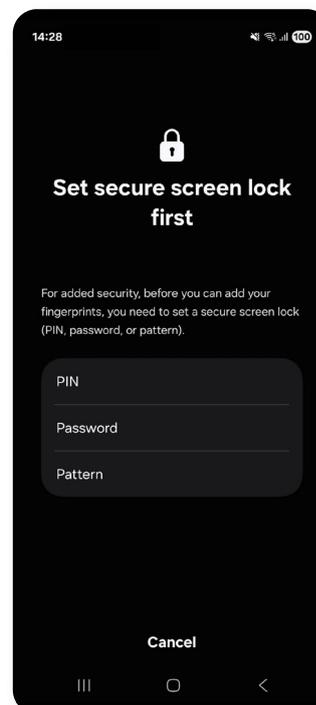
If a message prompting you to set a secure screen lock appears, **you must configure a device lock before continuing.**

#### To proceed:

Set a secure lock on your device (PIN, Password, Pattern, Face ID, or Touch ID, depending on your platform)

Complete the setup by following the on-screen instructions

Once the secure lock is enabled, return to the Key Inspector App and continue using the application



#### IMPORTANT NOTES

This is an operating system security requirement, not a limitation of the Key Inspector App.

The application does not access, store, or process your security credentials.

Without a secure device lock you can not use the Key Inspector Application.

## ENTER SET ID

After completing the authentication process, you will be prompted to enter your Set ID.

### To continue:

1. Enter the Set ID in the provided field
2. Tap Next to proceed

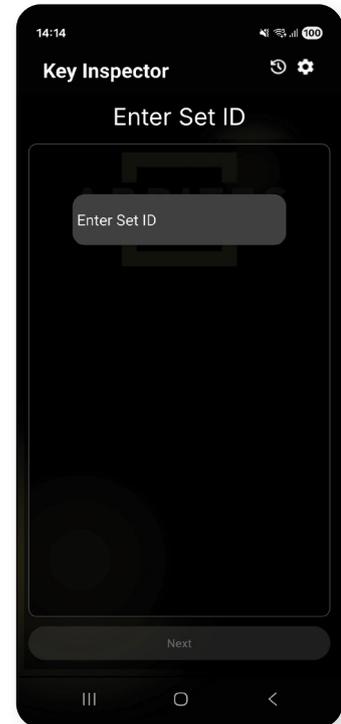
The Set ID can be found in one of the following places:

- On the label at the bottom of the Vehicle Inspection Kit Tough Box
- In your order documentation

If you cannot locate your Set ID, contact [info@abrites.com](mailto:info@abrites.com) and provide the contact details used when placing the order. Our support team will assist you in retrieving the Set ID.

### \*DEVICE LIMITATION:

THIS APP CAN BE USED ON UP TO FIVE DIFFERENT MOBILE PHONES WITH THE SAME SET ID



## READING A KEY OR TRANSPONDER

Once the ProTag V2 device is connected and the Key Inspector App is ready, you can begin reading a key or transponder.

### To proceed:

- 1 **Insert or place** the vehicle key into the ProTag V2 device.
- 2 Ensure the key is **properly positioned** in the reading slot.
- 3 Tap the **Read button** in the application to start the reading process.
- 4 The current **connected device** and its **battery level** are displayed at the top of the screen.

### IMPORTANT NOTES

**Make sure** the ProTag V2 device remains powered on during the reading process.

**Do not** remove the key or transponder until the reading operation is completed.

**If the device turns off** automatically, press the button to power it on again and repeat the procedure.



## READING RESULTS SCREEN

After a successful read operation, the Key Inspector App displays the available key information on the main screen.

Depending on the key type and supported data, the following information may be shown:

**Note:** Displayed parameters depend on the key technology and vehicle support. Not all fields are available for every key.



## HISTORY

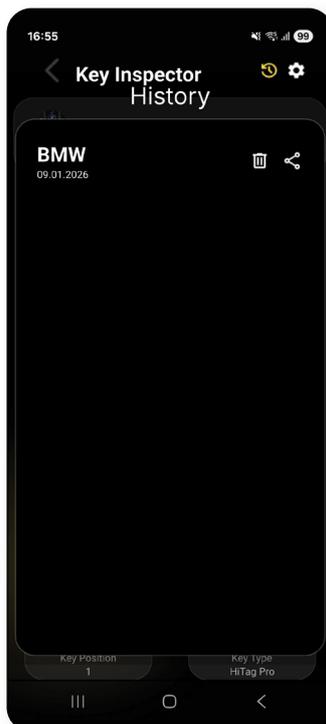
The **History** section provides access to previously read keys.

To **open** History:

Tap the **History icon** in the top bar

In this section you can:

- View a list of previously read keys
- See the vehicle brand and date of reading
- Delete individual entries
- Share selected records
- History entries are stored locally on the device.



## SETTINGS

The **Settings** menu allows basic configuration of the Key Inspector App.

To **open** Settings:

Tap the **Settings (gear) icon** in the top bar

Available options include:

- Device Name**  
Displays the connected ProTag V2 device
- Language selection**  
Change the application language
- Force Firmware Update**  
Manually initiate a firmware update for the ProTag V2 device (**use only when instructed**)

**IMPORTANT:**  
DO NOT INTERRUPT THE FIRMWARE UPDATE PROCESS ONCE STARTED.

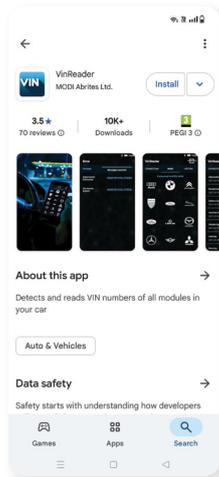


# VIN Reader Application



## Search for and download

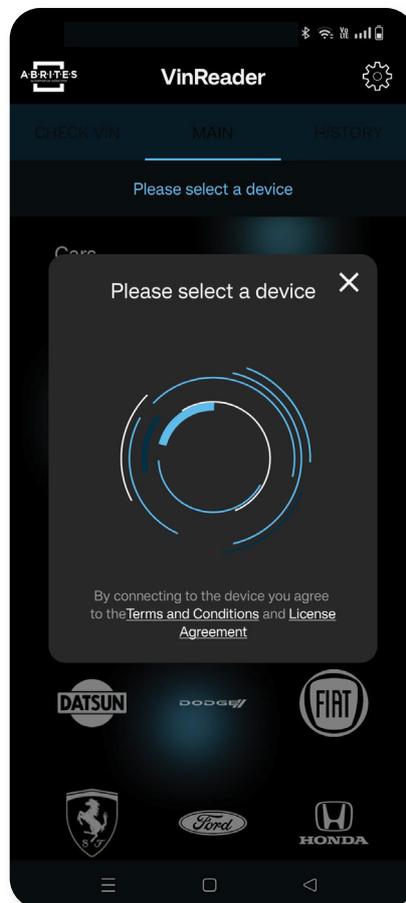
### VinReader App



## VIN Reader App Overview

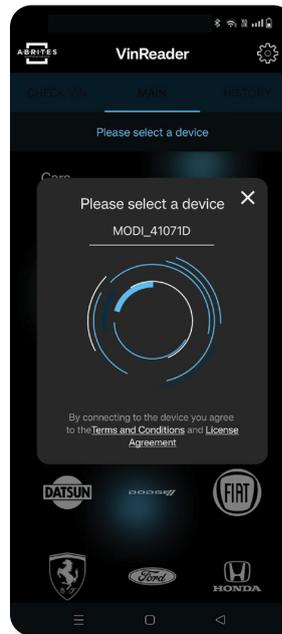
VIN Reader Application is a standalone application which works with the MODI device and allows you to read VIN and odometer readings.

VIN Reader App scans the identification numbers (VIN) through various electronic modules of the vehicle, then cross-checks them against a couple of databases for stolen vehicles. This functionality can be activated or deactivated. Additional settings are available in the settings menu. VIN Reader App can work entirely offline. With the capability to detect mileage tampering, you can also choose what to scan for when using the VIN Reader App - VINs, odometer, or both.

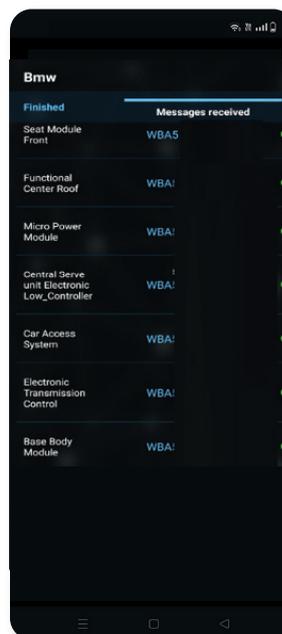


## Using your **VIN Reader Device** in a vehicle

- Once you connect the MODI device to the OBD port of the vehicle and your mobile phone Bluetooth is ON you can connect to the device. Now you can start using the VIN Reader App.
- Select the brand you are about to work with and the app will start scanning the VIN numbers and odometer readings (turned on by default) of the electronic modules installed in the vehicle.
- From this point on, the MODI device will communicate with your mobile device and use the vehicle's OBD port to scan and display a list of modules installed in the vehicle. In this list, you will also see the VIN numbers of the individual modules



- VINs highlighted in **green** have been automatically checked against the European stolen vehicle database ([www.stolencars24.eu](http://www.stolencars24.eu)) and the South African stolen vehicle database ([coza.net.za](http://coza.net.za)), and no records of theft were found.
- If a VIN is highlighted in **red**, it means a record was found in one of the databases. In such cases, an additional pop-up will appear, providing more information about the stolen vehicle record

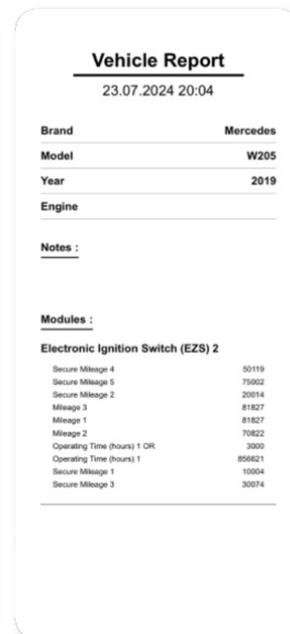
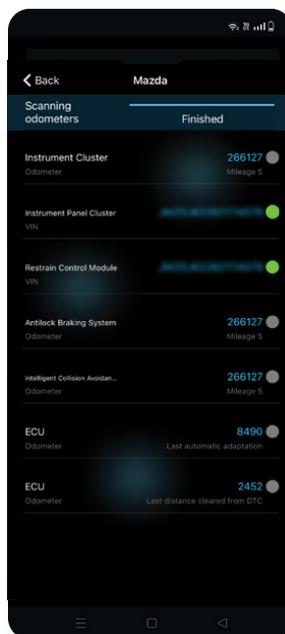


## Odometer readings

- Odometer readings are activated by default. The VIN Reader application will first scan for VIN numbers and then proceed to retrieve odometer readings—if such data is available in the supported modules

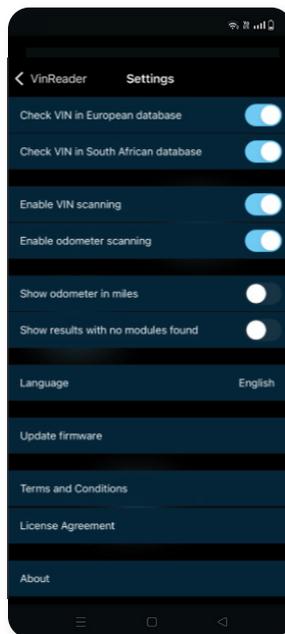
## Vehicle Report

- By pressing the “Send Report” button, you can export the results in three different formats: PDF, HTML, or CSV. You can also add additional information about the vehicle in the provided empty fields before exporting. The file is saved locally on your mobile device



## Settings

- From the Settings tab, you can choose whether to check VIN numbers against stolen vehicle databases. If these options are enabled, internet access is required. If disabled, the entire application can run offline.
- You can also select what to scan: only VINs, only odometer readings, or both
- Odometer values are displayed in kilometers by default, but you can switch the unit to miles if preferred.
- Additionally, you can change the language of the application from the Settings menu.



## Please Note

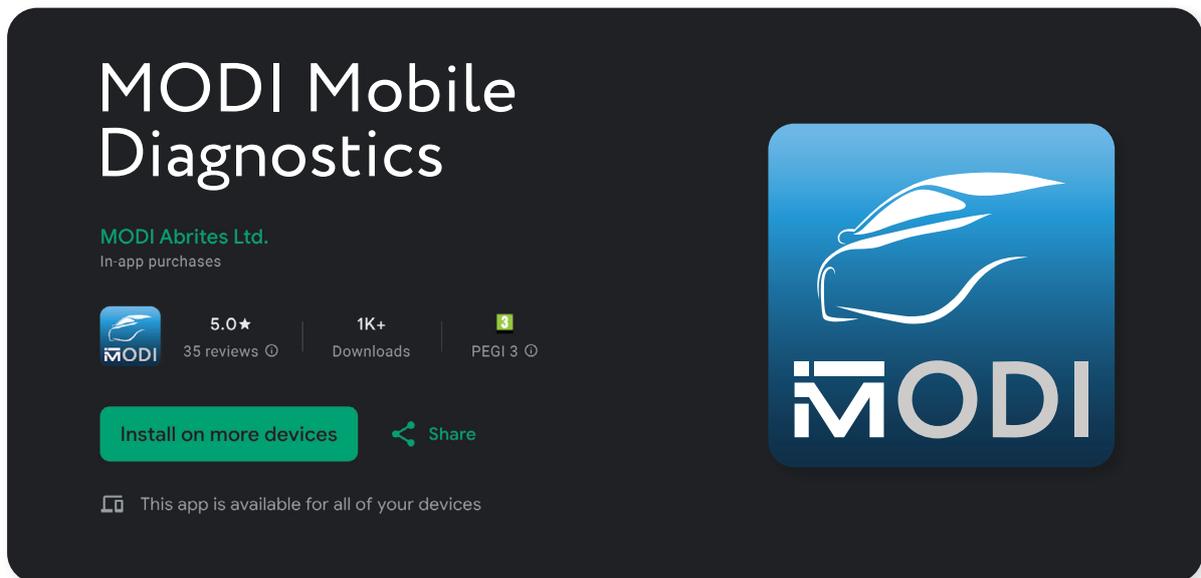
That we may not support all model variations from the supported brands, also we may not read all VIN numbers or mileage data you expect. Also, not all vehicle brands and models keep and process data as VIN numbers or mileage readings in their electronic modules. Abrites Ltd. is not eligible for the truthfulness of the extracted VIN and mileage data.

⚠ Mileage data is a calculated value, a result of data extraction, which can differ from real values.

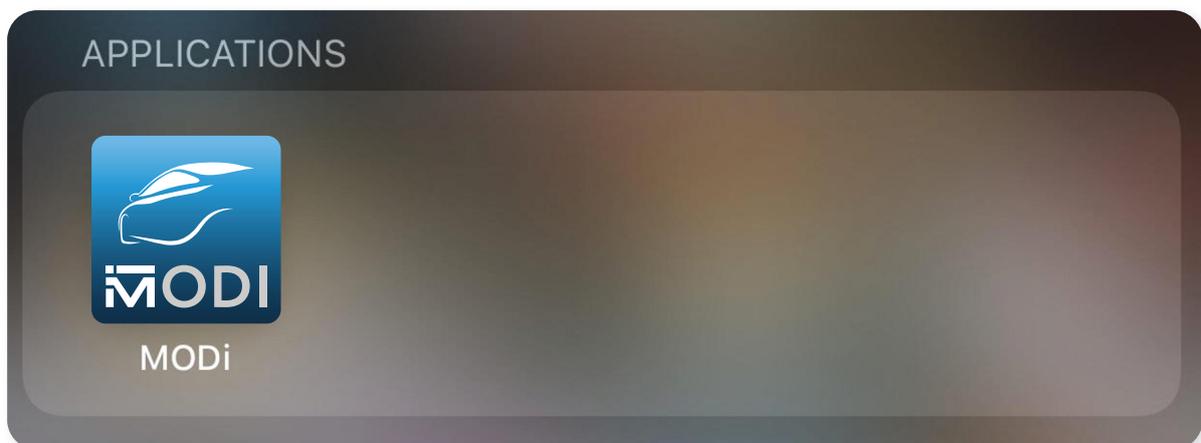
## Using your **MODI App**

### Installation

Once the MODI is received, you can download the Abrates MODI software, as well. It looks like this in the Google Play Store®, Apple App Store®



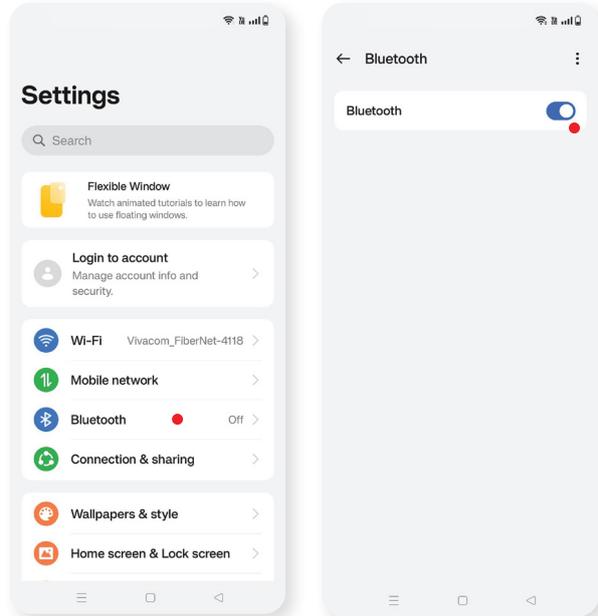
After installing the Abrates MODI application software, it will appear in the list of installed applications of either the Android or iOS based mobile device.



## Setting your **MODI Interface** up

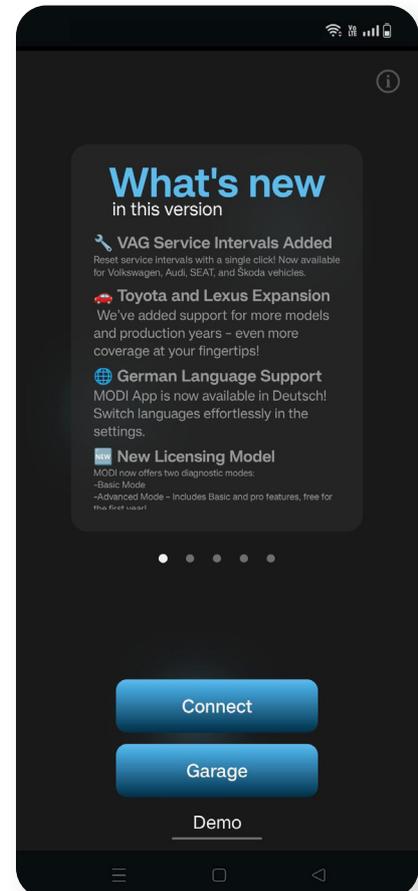
To begin working with the Mobile Diagnostics Interface, it will be necessary to first enable Bluetooth on the given Android, IOS, or HarmonyOS based mobile device.

This can be done by going to the **Settings Menu**, then **Bluetooth**, then **Enable**. Once the bluetooth is enabled the MODI application can be opened and set up.

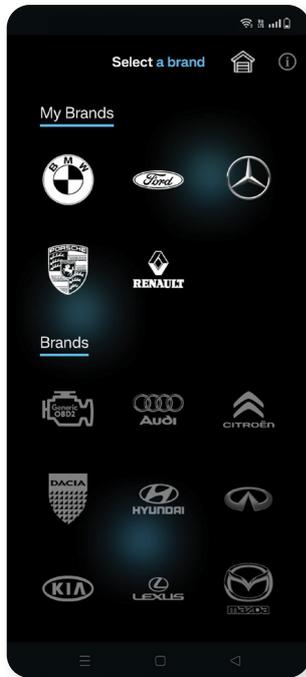


### Once the software is opened, the following options will be provided

- The first one is to connect to the MODI device (therefore a scanning process is automatically launched by the application, in order for your device to be discovered). This could be done by simply pressing the “Connect” button which will be displayed on the provided device. Keep in mind that in order for the device to be discovered by the application it needs to be supplied with power\*. In order to supply your MODI device with power, you will need to insert it in the vehicle’s OBD II port. Following the scanning process, a list device window will appear, where the personal MODI of the user should be selected.
- The Second option is Virtual Garage, this is a virtual space for storing your vehicles, you could access it anytime, it is not needed the MODI device to be connected.
- The Third option that will be provided is to run a DEMO process. The DEMO process does not require the MODI device to be inserted in the vehicles OBDII port.



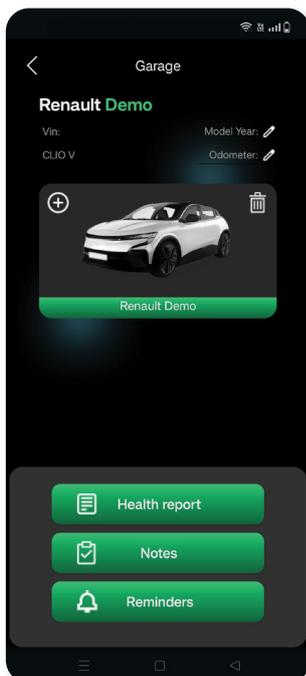
Once the MODI is connected to a power supply and the Bluetooth of the device used is ON, the MODI device which is going to be used could be selected. The Mobile Diagnostics Interface can now be used.



**The DEMO button** works to show you a basic example of how the application works without the MODI device, you can also use generic OBD2 option when you connect to the MODI device option where you can use it without subscribing for the application. With Generic OBD2 you can scan few modules of the vehicles, read and clear DTCs.

Please note that compatibility and options depends of the vehicle manufacturer and MODI Abrites Ltd. does not guarantee that Generic OBD2 option will work on each vehicle.

- The next step is to select the brand which is going to be worked with, after that the MODI will start an automatic vehicle identification.

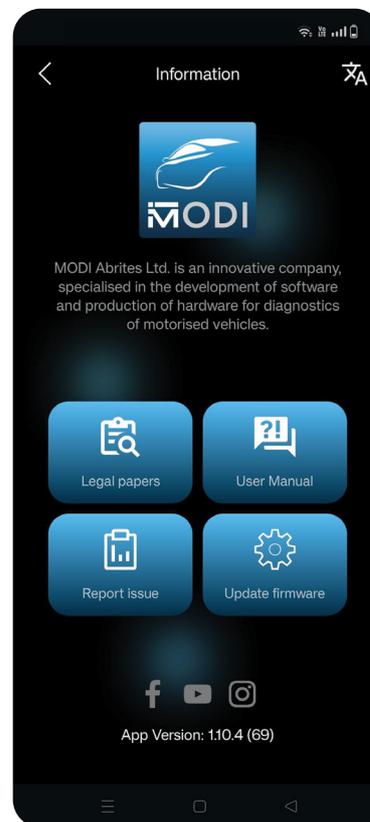
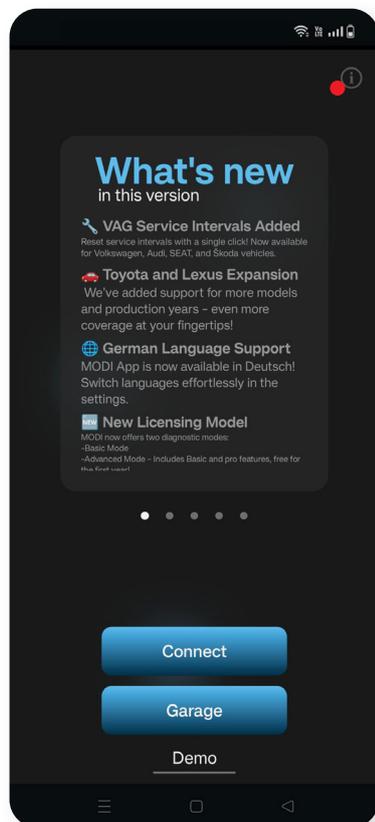


**The Garage button** opens the virtual garage, you can save your favorite cars there manually, or check the option to automatically add all scanned vehicles inside. You can access Virtual Garage anytime, without need to use or connect your MODI device.

## MODI App **Settings Tab**

### From this tab, you can

- Change the language of the MODI App
- Access the Legal Documents
- Visit the User Manuals page
- Report an issue via contact form
- Update the firmware of your MODI device
- Find links to our social media channels



## Diagnostics Modes

### Basic Diagnostics Mode

Absolutely safe for your vehicle. Scan all modules, effortlessly read and clear diagnostic trouble codes, monitor live values, and generate comprehensive health reports to assess the condition of your car. This mode ensures worry-free diagnostics.

This mode is absolutely safe for the vehicle! You can scan all modules, effortlessly read and clear diagnostic trouble codes, monitor live values, and generate comprehensive health reports to assess the condition of the vehicle. This mode ensures worry-free diagnostics.

### Advanced Diagnostics Mode

In addition to all the features included in the Basic mode, Advanced Diagnostics Mode offers an array of powerful options. Unlock coding capabilities, gain access to actuators, manage service intervals, personalize car functionalities, and many more.

Apart from the standard diagnostics which you can access using MODI, there are hundreds of coding and customisation options<sup>3</sup> in the Advanced capabilities of this mobile diagnostic application that you can enjoy! From folding mirrors, to sounds and headlights tweaks, try them all! Discover factory-hidden functionalities and activate them with MODI!

- The available options may vary, depending on the brand of the vehicle. You can check your vehicle's compatibility in the Brands tab in our website: [modiobd.com](https://modiobd.com)
- Some of these functionalities may be able to cause unwanted behaviour of the vehicle.

## Basic Diagnostics Mode - Dashboard

### Basic Diagnostics

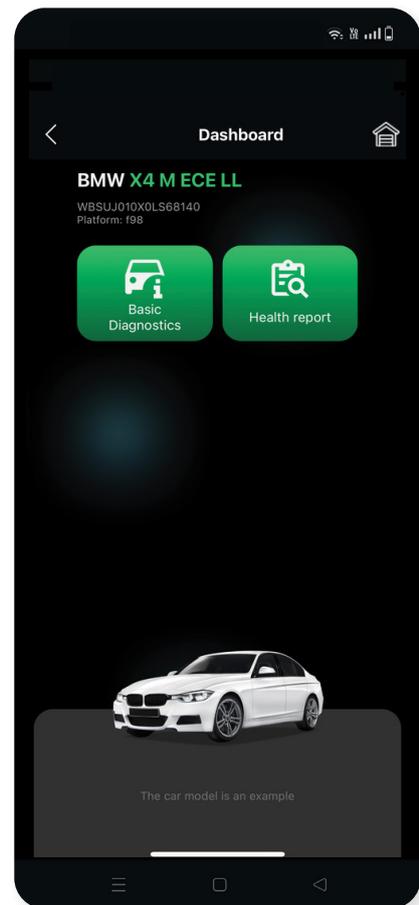
- Scan all modules of the vehicle, gives the ability to read and clear all DTCs, module identification and monitor real-time data

### The Health Report

- Scan all modules from the vehicle and shows summarized information about the current state of the vehicle, showing all diagnostics trouble codes in all scanned modules sorted by condition and quantity. The report could be saved or exported

### Virtual Garage

- Virtual space where you can manage all your cars any time. Option to add the car to the virtual garage or to open it directly



### \*IMPORTANT INFORMATION!

For your safety, do not use MODI device or MODI Application while driving. MODI Abrites Ltd. is not responsible in case of overcoming the security measures of the technical equipment and would like to inform that this may result in injuries or any other damages to you or third parties.

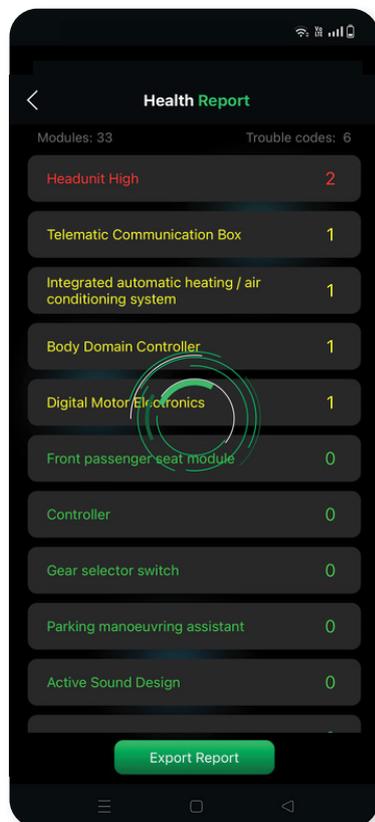
## Basic Diagnostics

### Mode - Health Report

#### Health Report

- Scan all modules of the vehicle, gives the ability to read and store all the DTCs, to export or save them

**\*IF you have added your car to the virtual garage, each generated health report will be automatically saved there.**



## Basic Diagnostics

### Mode - Virtual Garage

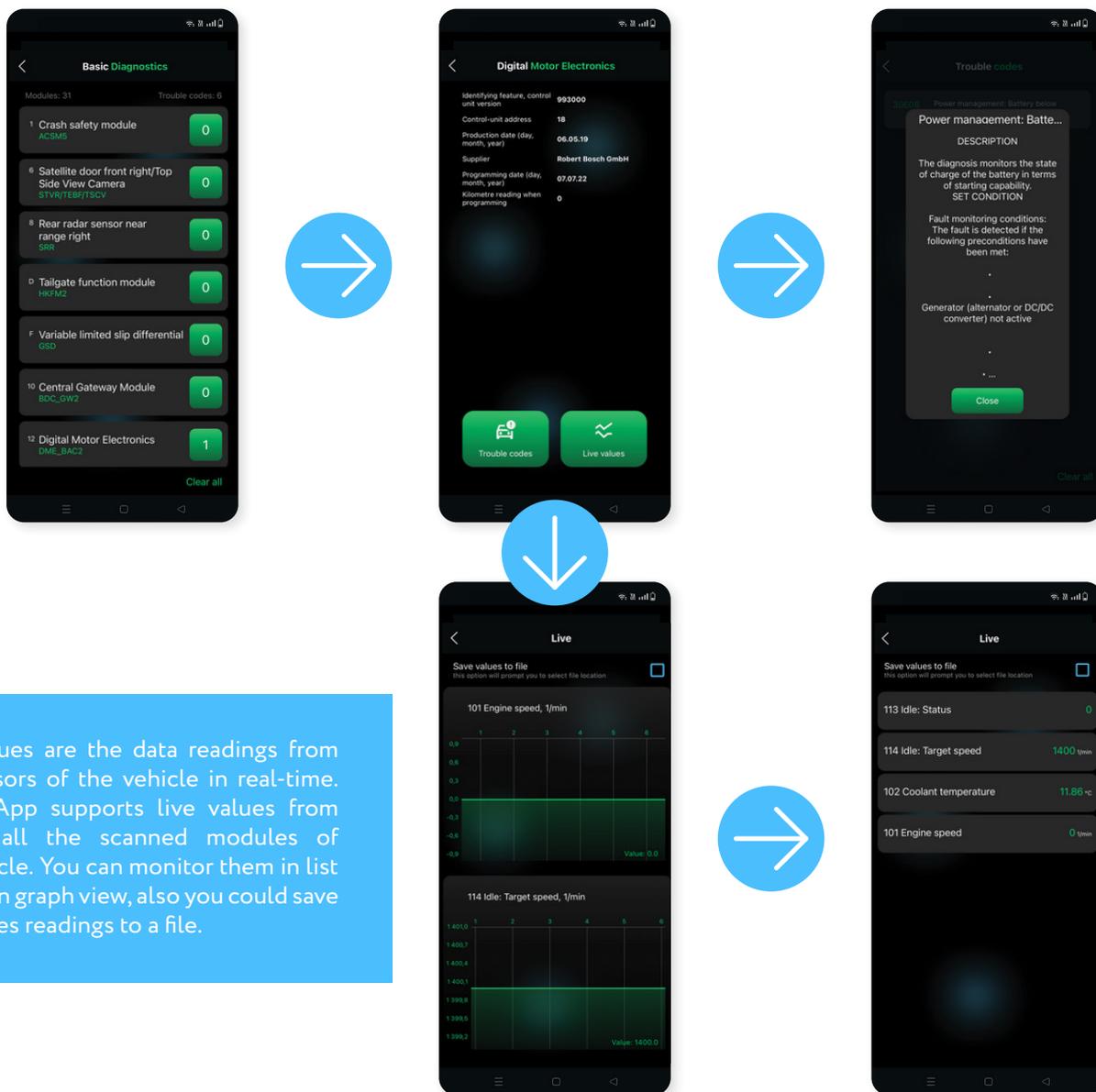
#### Virtual Garage

- Virtual space where you can manage all your cars anytime, without the need to connect to the MODI device
- You can store your cars there, manage their health reports, create digital notes and reminders for the important service intervals or other things. Also you could add your favorite photo of your car or use the default one
- Virtual garage cars are stored locally on your mobile phone, you can backup or restore the garage if you change your phone, sell car, or buy another one - the old owner could transfer all the data for the vehicle from his MODI app to yours.
- Mark the check box for automatically adding cars in the Virtual Garage after generating health reports for them.



## Basic Diagnostics Mode - Scan Modules, Read/Clear Trouble Codes, Live Data

After the Basic Diagnostics option is selected, the Mobile Diagnostics Interface is going to run a module scanning on the vehicle, providing information concerning the number of fault codes in the system. Additionally, the tool can also display information concerning the status of the modules in the vehicle. From there on, in order for the processed fault codes to be cleared, the “Clear all” button should be pressed. This button should be essentially found on the bottom of the mobile device display. Also it is possible to clear the DTCs in a single module, when connecting to it.



Live values are the data readings from the sensors of the vehicle in real-time. MODI App supports live values from almost all the scanned modules of the vehicle. You can monitor them in list view or in graph view, also you could save the values readings to a file.

## Advanced Diagnostics Mode - Dashboard

### Advanced Diagnostics

- Scan all modules of the vehicle, gives the ability to read and clear all DTCs, module identification and monitor real-time data. Actuators testing are available depend on the brand and the model of the vehicle, also full coding lists are available in the supported electronic modules.

### Fast Coding Options

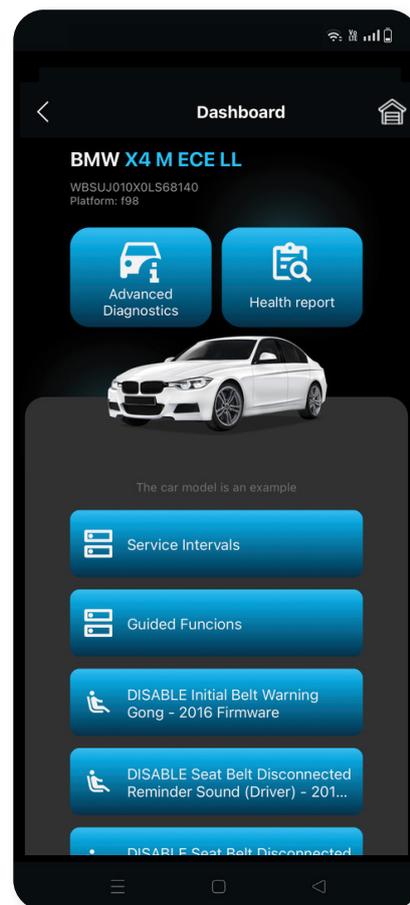
- Some brands and models have fast coding options available on the dashboard \*Check compatibility on the website [modiobd.com](http://modiobd.com). They are like easy procedures to perform with just click of a button.
- Please note If there are no fast coding options available for your vehicle model, please connect directly with the respective electronic module through the button Advanced diagnostics and check if there is special functions list available.

### The Health Report

- Scan all modules from the vehicle and shows summarized information about the current state of the vehicle, showing all diagnostics trouble codes in all scanned modules sorted by condition and quantity. The report could be saved or exported.

### Virtual Garage

- Virtual space where you can manage all your cars any time. Option to add the car to the virtual garage or to open it directly.



### \*IMPORTANT INFORMATION!

For your safety, do not use MODI device or MODI Application while driving. MODI Abrites Ltd. is not responsible in case of overcoming the security measures of the technical equipment and would like to inform that this may result in injuries or any other damages to you or third parties.

## Advanced Diagnostics Mode - Scan Modules, Read/Clear Trouble Codes, Live Data, Actuators and Coding Lists

When a module is selected, the additional diagnostic functions will be displayed:

### Trouble codes

- Read the DTCs inside the selected module, gather additional info or clear them

### Live values

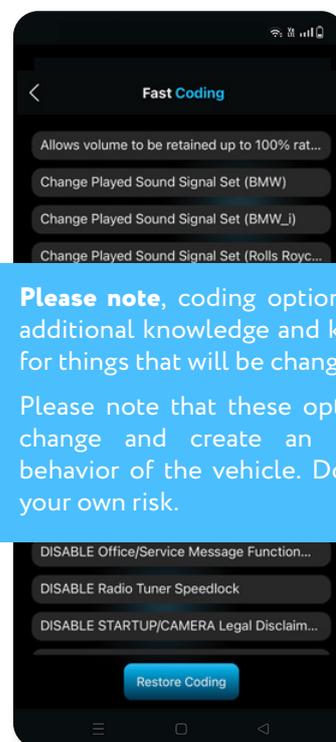
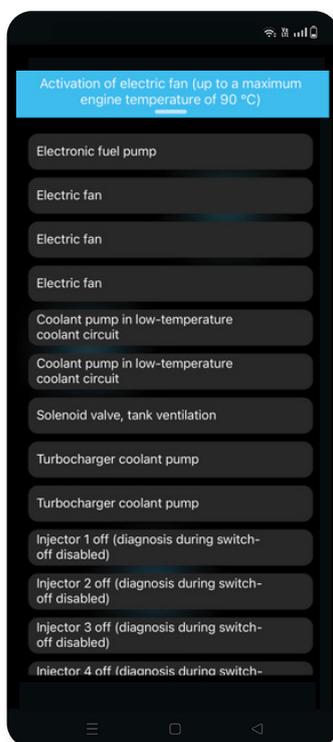
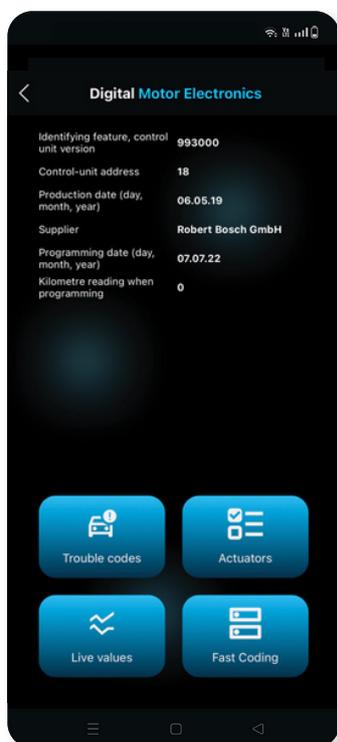
- Are the data readings from the sensors of the vehicle in real-time. MODI App supports live values from almost all the scanned modules of the vehicle. You can monitor them in list view or in graph view, also you could save the values readings to a file.

### Actuators

- This button on the display should be pressed and you will access a list with all the available components from which you can test by running a specific actuator, for example the Electronic fuel pump
- Please note that some actuators have their own rules and conditions so they can be activated. MODI Abrites Ltd. is not responsible if some actuators are not working or activating.

### Fast Coding

- Is an option which allows for the specific coding options in the module selected be seen and activated/disabled.
- Restore coding could help your with restoring the default coding state of the module, or to access coding history and have the ability to roll back changes you have made.
- You can select from the displayed options and press it



**Please note**, coding options require additional knowledge and know-how for things that will be changed.

Please note that these options may change and create an unwanted behavior of the vehicle. Do them at your own risk.

The listed features may not be available on every vehicle, depending on the specific configuration, factory options, and other factors. We do not assume responsibility if a particular feature is missing or does not function on a specific vehicle. If you want to ensure that specific functions are available for your vehicle, please fill out Our Contact Form - [modiobd.com/contact-form/create](https://modiobd.com/contact-form/create)

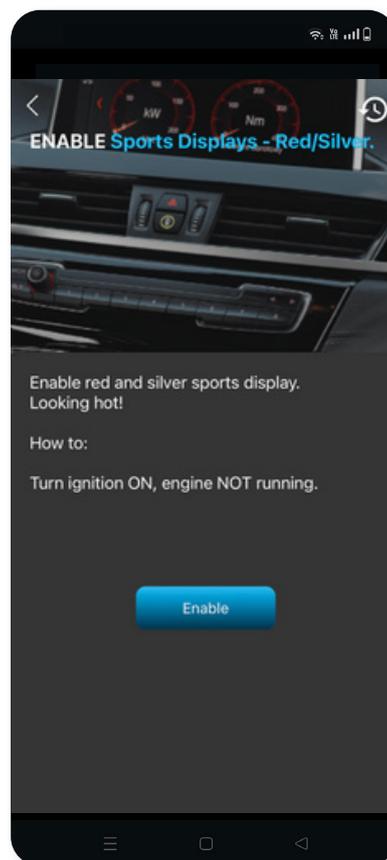
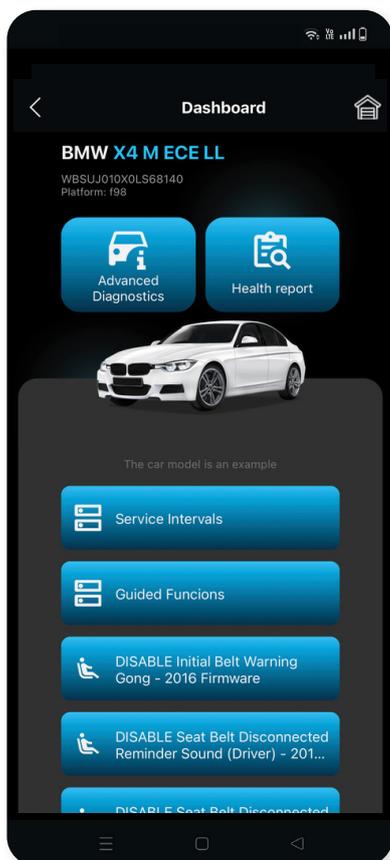
## Advanced Diagnostics Mode - Dashboard and Fast Coding Options

### Coding Options

- Some of them are called Fast functions and you can find them when you connect to your vehicle, choose the brand and see the dashboard with your car model's photo - fast functions are there, but not only! When you scan all modules in your car, you could find in each module which have coding options, a button called FastCoding - there are full lists of coding and personalization options for your car.
- \*Check your car and modules compatibility in our website at the brands tab**
- You can select from the displayed options and press it.

Please note, coding options require additional knowledge and know-how for things that will be changed.

Please note that these options may change and create an unwanted behavior of the vehicle. Do them at your own risk.



The listed features may not be available on every vehicle, depending on the specific configuration, factory options, and other factors. We do not assume responsibility if a particular feature is missing or does not function on a specific vehicle. If you want to ensure that specific functions are available for your vehicle, please fill out Our Contact Form - [modiobd.com/contact-form/create](https://modiobd.com/contact-form/create)

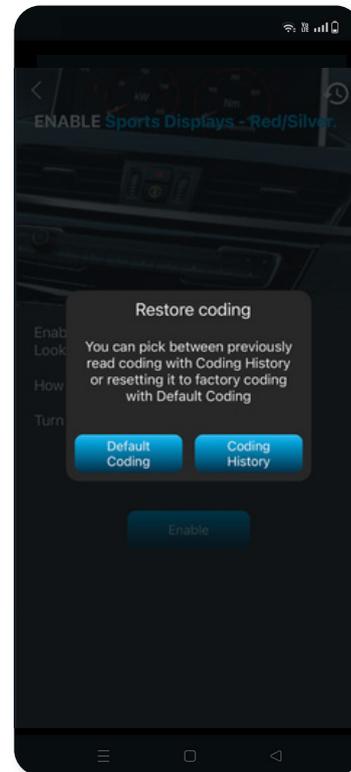
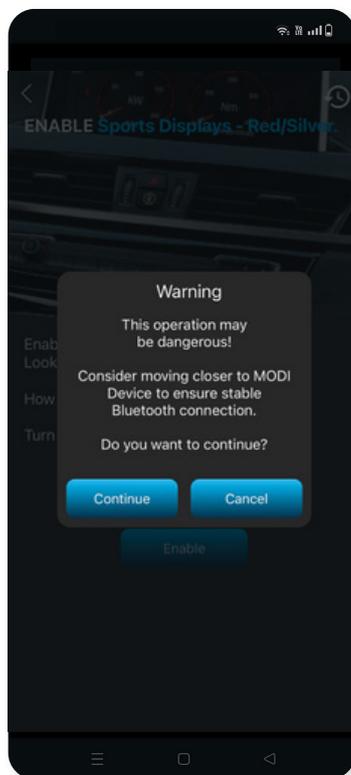
## Advanced Diagnostics Mode - Dashboard and Fast Coding Options

### Warning

- This operation may be dangerous for the vehicle. Ensure your mobile phone is in the vehicle and you have stable bluetooth and internet connection, please note the if something happens, or you cancel the procedure during the coding session, this may cause some damage to the electronic modules of the vehicle. Do not turn off your mobile phone, do not exit the application, do not turn off the ignition and do not unplug the MODI device from the OBD port during coding procedures. If the procedure stops or the module is damaged, you could perform default coding, or coding history. MODI AbritesLtd. is not responsible for damages caused to the vehicle.

### Restore coding

- Could help you with restoring the default coding state of the module, or to access coding history and have the ability to roll back changes you have made



The listed features may not be available on every vehicle, depending on the specific configuration, factory options, and other factors. We do not assume responsibility if a particular feature is missing or does not function on a specific vehicle. If you want to ensure that specific functions are available for your vehicle, please fill out Our Contact Form - [modiobd.com/contact-form/create](https://modiobd.com/contact-form/create)

## Recommendations

### Common Advice

Abrites Ltd. kindly asks you to make sure that you have familiarized yourself with the general guidelines related to installation, operation and maintenance of this device.

The following information is concerning safety when working with the device.

In order to avoid any unwanted damage (which could eventually lead to certain risk and even impossibility of the device to function), please keep in mind to follow the following restrictions:

- Keep the device in clean and unpolluted spaces
- Make sure that the device is not exposed to rain or moisture
- Do not use the device when your hands are not dry
- Make sure to avoid heating the device too much
- Do not leave the device to any objects or substances which are hot
- Make sure that you do not apply too much physical pressure on the device
- The device should not be thrown, twisted, bent or put below heavy objects
- Make sure to keep the device away from your mouth (the device should not be swallowed)
- Make sure that the device is not being used by minors, or individuals which are not informed on the safety regulations of the product, as well as how to operate with it
- The device should not be in the hands of infants. If the device has been swallowed (even partly), it to may lead to serious physical damage
- For your safety, do not use MODI while driving. Abrites Ltd. is not responsible in case of overcoming the security measures of the technical equipment and would like to inform that this may result in injuries or any other damages to you or third parties.

### About the product

- Make sure not to dislocate any components of the device. Do not remove any parts from its exterior, or interior. The device is not equipped with parts, which could be eventually fixed by the buyer. The maintenance of this device is strictly done only by Abrites Ltd., when and if the warranty policy has been followed. For any questions in relation to usage, functionality and warranty repair, you could find additional information on our website: [abrites.com](https://abrites.com)

### Side components

- Make sure to use only original accessories (such as cables, axle boxes and etc...) that are presented to you by Abrites Ltd. Do not swap them with any components, from your choosing. The replacement of original periphery components with other may cause serious functional damage to the device.

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