TOPDON®




# TopScan

Powerful Scanner In Your Pocket

PRO

Diagnostic Tool

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# TopScan

The TopScan is a pocket-sized tool that turns a phone into a scan tool and keeps up with its users as they go beyond basic scans. Connect the TopScan to the OBD2 port and begin diagnosing through the tool's app. The TopScan excels at the fundamentals. Capable of reading and clearing fault codes, and supports 60+ different vehicle makes across American, Asian, and European vehicles.

The TopScan provides a comprehensive maintenance knowledge base to quickly get started on auto repair jobs. Access 8 maintenance services, AutoVIN technology, vehicle performance testing, and even bidirectional control through your phone. Added benefits of the TopScan include a full-system DTC Repair Guide and one-click I/M Readiness.

TopScan offers two versions: the Lite and Pro. The TopScan Pro steps beyond the lite version by offering IMMO functionality and a total of 13 reset functions, including Injector Coding, Tire Pressure Reset, and Sunroof Initialization. Whether you're a DIY enthusiast or a professional technician, the TopScan has got you covered.

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# Specs

## Hardware




***Bluetooth:***
5.0 (connection range: 33 feet/10 m);
Support mobile devices running on Android 7.0 or above/ iOS 10.0 or above

## Parameters

***Storage Temperature:***
-20°C~70°C (-4°F~158°F)
***Working Temp:***
-10°C~50°C (14°F~122°F)
***Dimensions:***
84.1*50.4*27.2mm (3.31*1.98*1.07 inch)
***Net Weight:***
78g (2.75 oz)

## Multilingual Support

***10 Languages:***
English, French, German, Spanish, Portuguese, Russian, Japanese, Italian, Korean, Chinese

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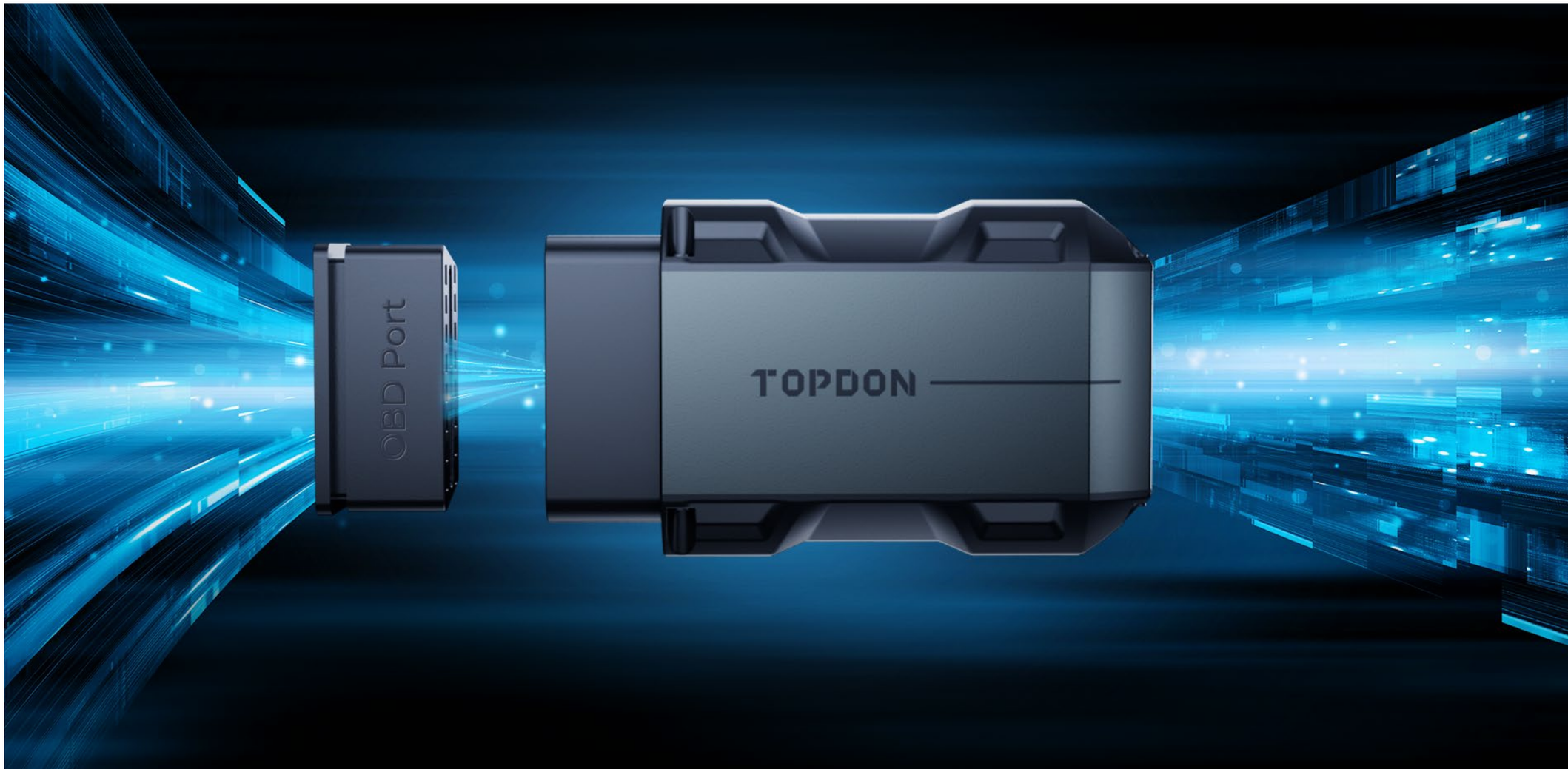
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# Get All The OBD2 Data

TOPDON's TopScan works as an OBD2 code reader and performs all 10 modes of OBD2 testing free for life, allowing you to access crucial information on even more vehicles.

It also supports full functionalities including reading DTCs, clearing DTCs, Live Data, I/M Readiness Monitor Status, View Freeze Frame Data, O2 Sensor Testing, On-board Monitor Testing, Evap Testing, Read Vehicle Information, and DTC Look Up.



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# Repair Data Library

The TopScan provides a comprehensive maintenance knowledge base to help beginners familiarize themselves with vehicle diagnosis quickly. A great feature for DIY guys who want to save money and solve minor vehicle problems.

The Repair Information includes a DTC Repair Guide, Technical Service Bulletin, DLC Location, and Warning Light Library.



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# Bi-Directional Control

The TopScan car scanner can get access to vehicle-specific subsystems and component parts that drive the actuators to perform a specific function.

This determines the integrity of the system or parts, allowing users to analyze and locate faulty parts more accurately. Including fuel injectors, coolant pumps, windows, windshield wipers, and more.






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# Full System Diagnosis for 60+ Brands

The TopScan scanner allows the user to perform a comprehensive scan of all vehicle systems including engine, transmission, airbag, ABS, ESP, TPMS, immobilizer, gateway, steering, radio, and air conditioning for more than 60 brands.






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# 8 Reset Functions

TopScan offers the 8 most commonly used reset functions for your vehicle: Oil Reset, Throttle Adaptation, EPB Reset, Steering Angle Reset, DPF Regeneration, ABS Bleeding, BMS Reset, Airbag Reset.



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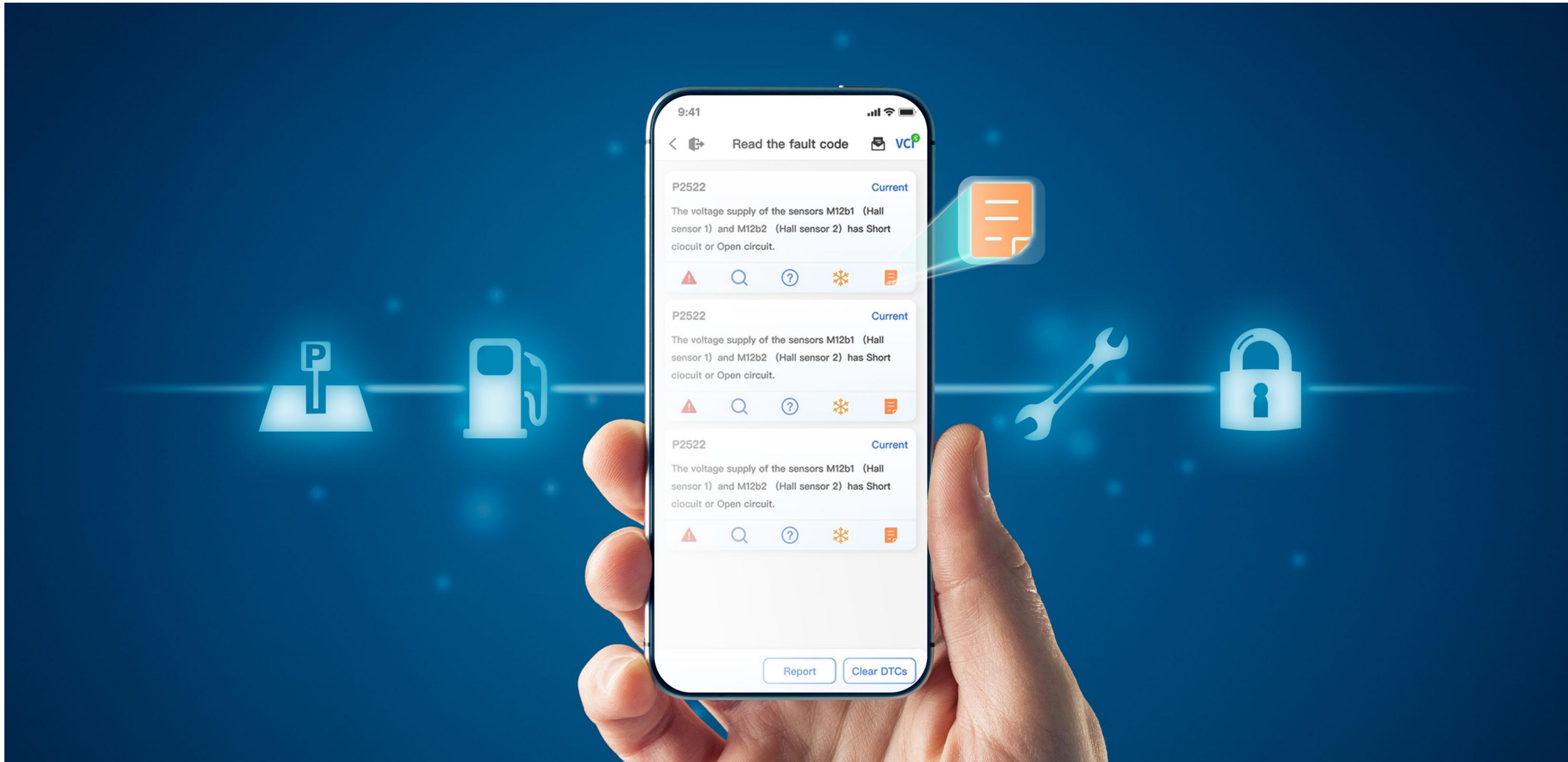
Comp Chart

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# DTC Repair Guide

The TopScan offers DTC Repair Guide to walk you through the processes and codes of vehicle diagnostics. After reading the fault codes, the TopScan can display the definition of fault codes and offer guidance in how to repair it.

It includes the fault code definitions for all systems, such as Dashboard, Air Conditioning, and more. Currently, the TopScan is compatible with Chrysler/Dodge/Jeep/Fiat 2010-2014 (Compatibility expands as updates release).



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# Optional Key Programming Tool

The TopScan's key programming add-on lets the tool work on 44+ vehicle brands. The upgrade boasts a variety of functions including Number of Keys, PIN Reading, Key Learning, Remote Control Learning, Delete Keys, and All Keys Lost.



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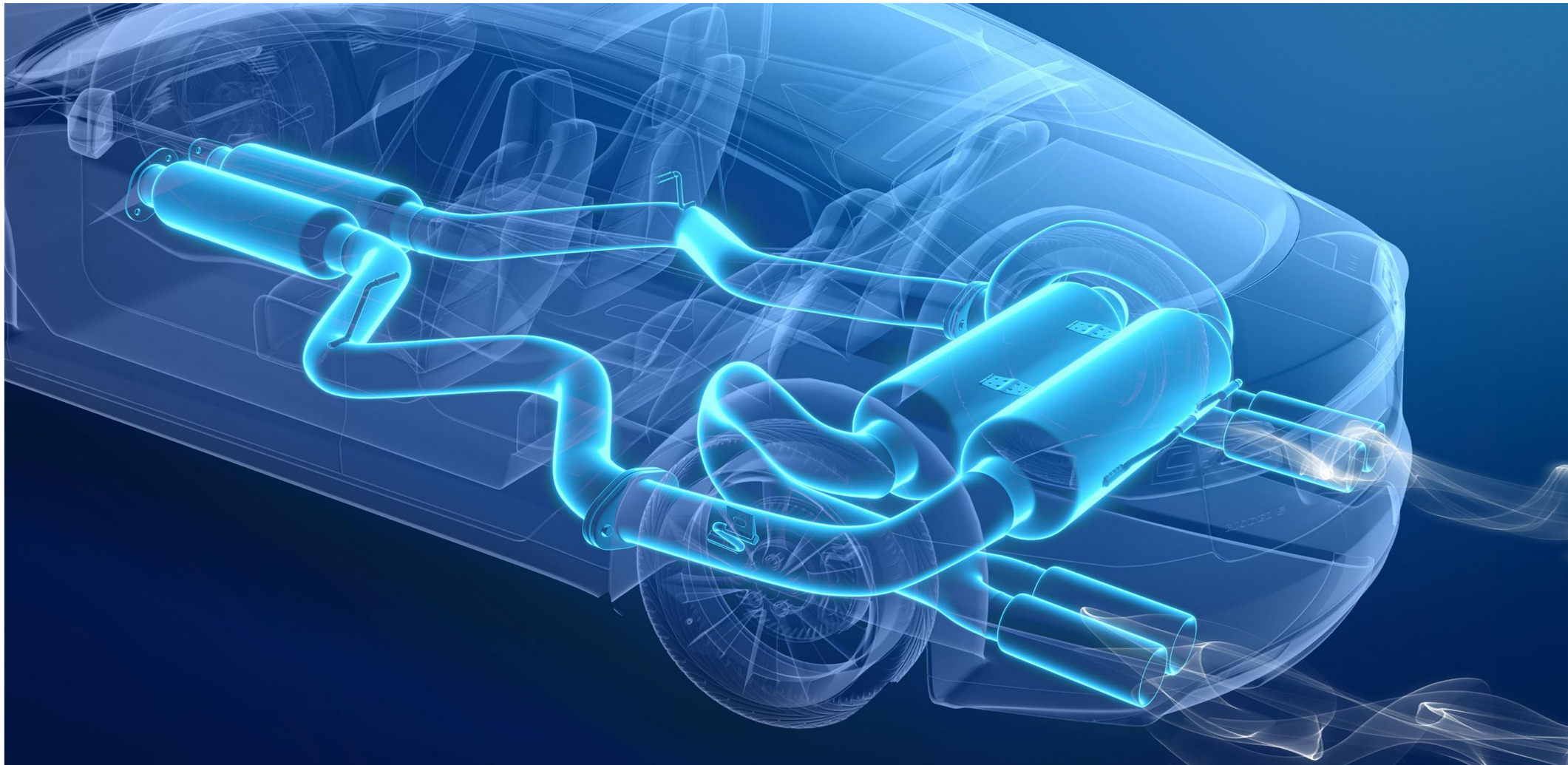
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# Test Emissions Easily with One-Click

The TopScan scanner includes a one-touch I/M readiness button for a quick smog status check and generates testing reports. With this function, users can analyze a car's carbon emissions faster and more efficiently whenever and wherever.

Suitable for emission pre-tests on annual inspections and spot tests on the road.



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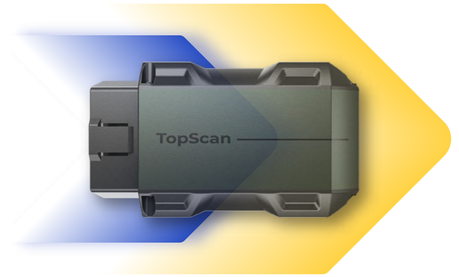
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# Performance Testing

Vehicle Performance Tests allow you to make accurate measurements of vehicle acceleration, providing results at intervals defined by set speed and fixed distance measurements.

Record the elapsed time for a certain distance, and the elapsed time for a vehicle to accelerate from 0 to 60 miles per hour(adjustable).



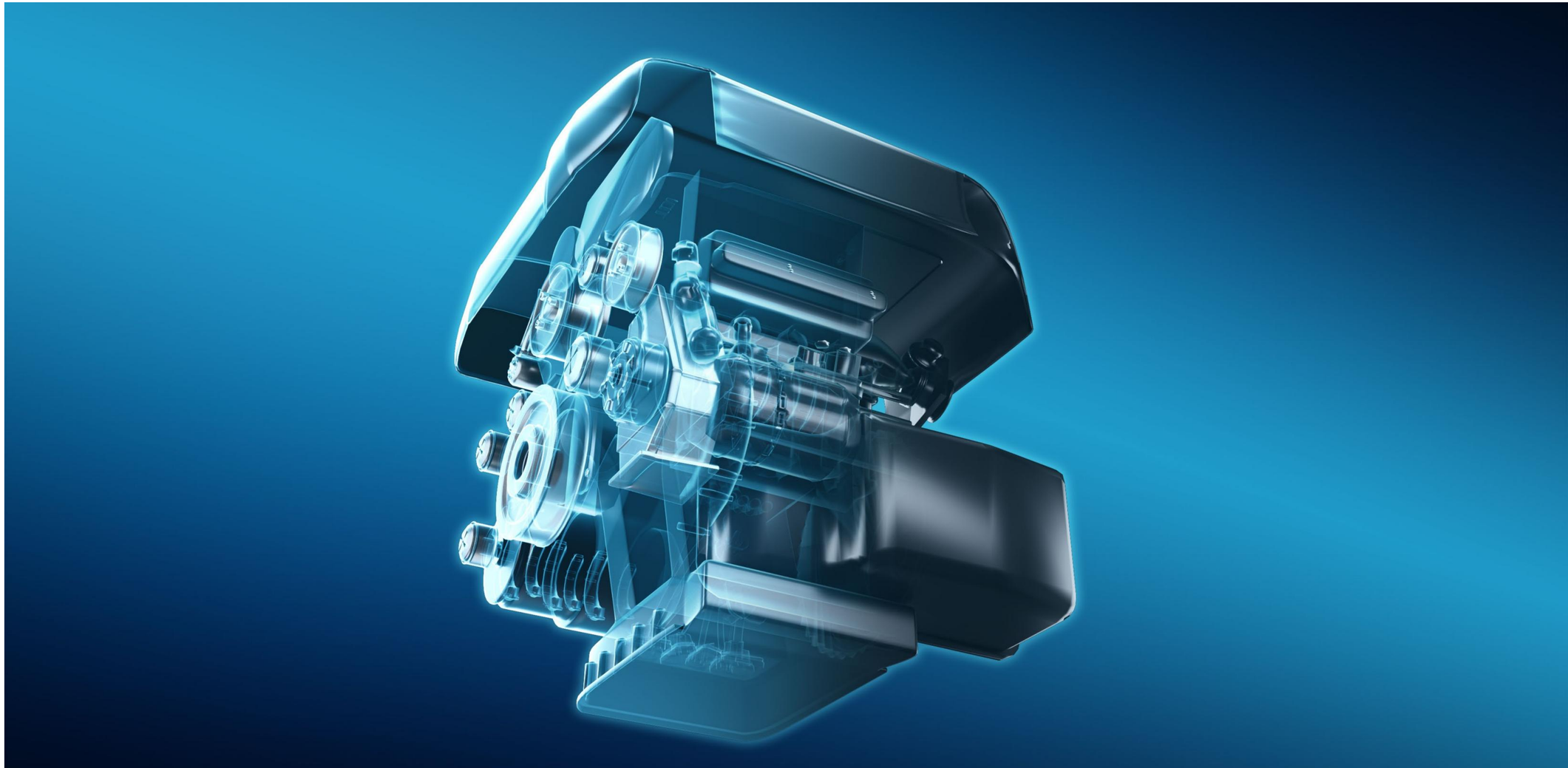



# Engine Volume Efficiency

Volumetric efficiency(VE) is one of an important engine performance parameter, which indicates the performance of the engine.

The higher the volumetric efficiency, the better the power output of the engine.

The TopScan comes with VE checking functions, enter the value including Engine Size, Engine Speed, MAF, Intake Air Temp, Cylinders, and Air Intake Pressure to calculate the VE of an engine.



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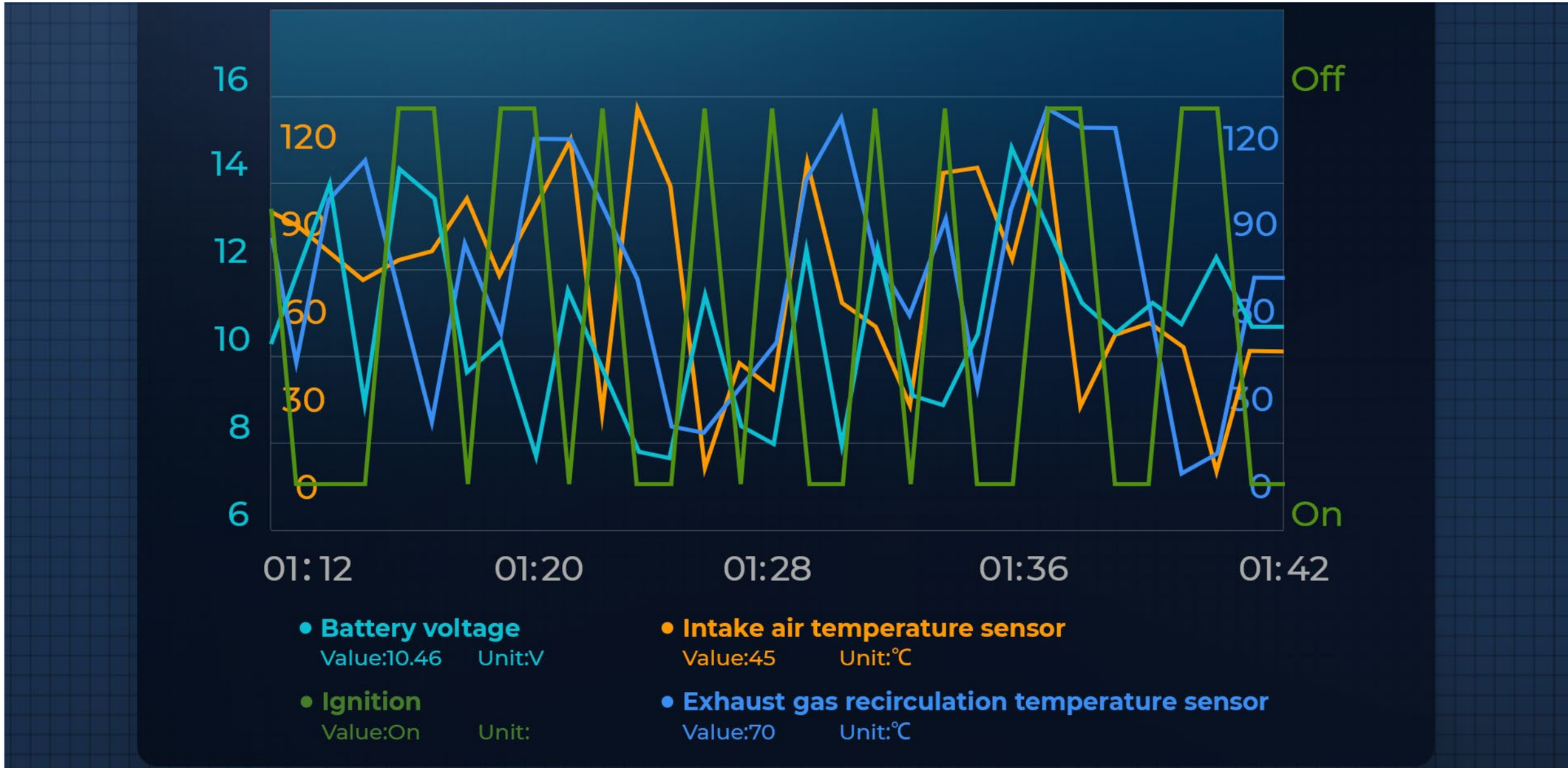
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# Multi-Dimensional Data Display

Display data streams in the form of text, graph or a dashboard-like chart. This helps users to intuitively observe data changes over time.

Use the “Combine” function to graphically display up to 4 data streams in a single interface, allows the users to evaluate performance with comparative data to make accurate and efficient decisions.





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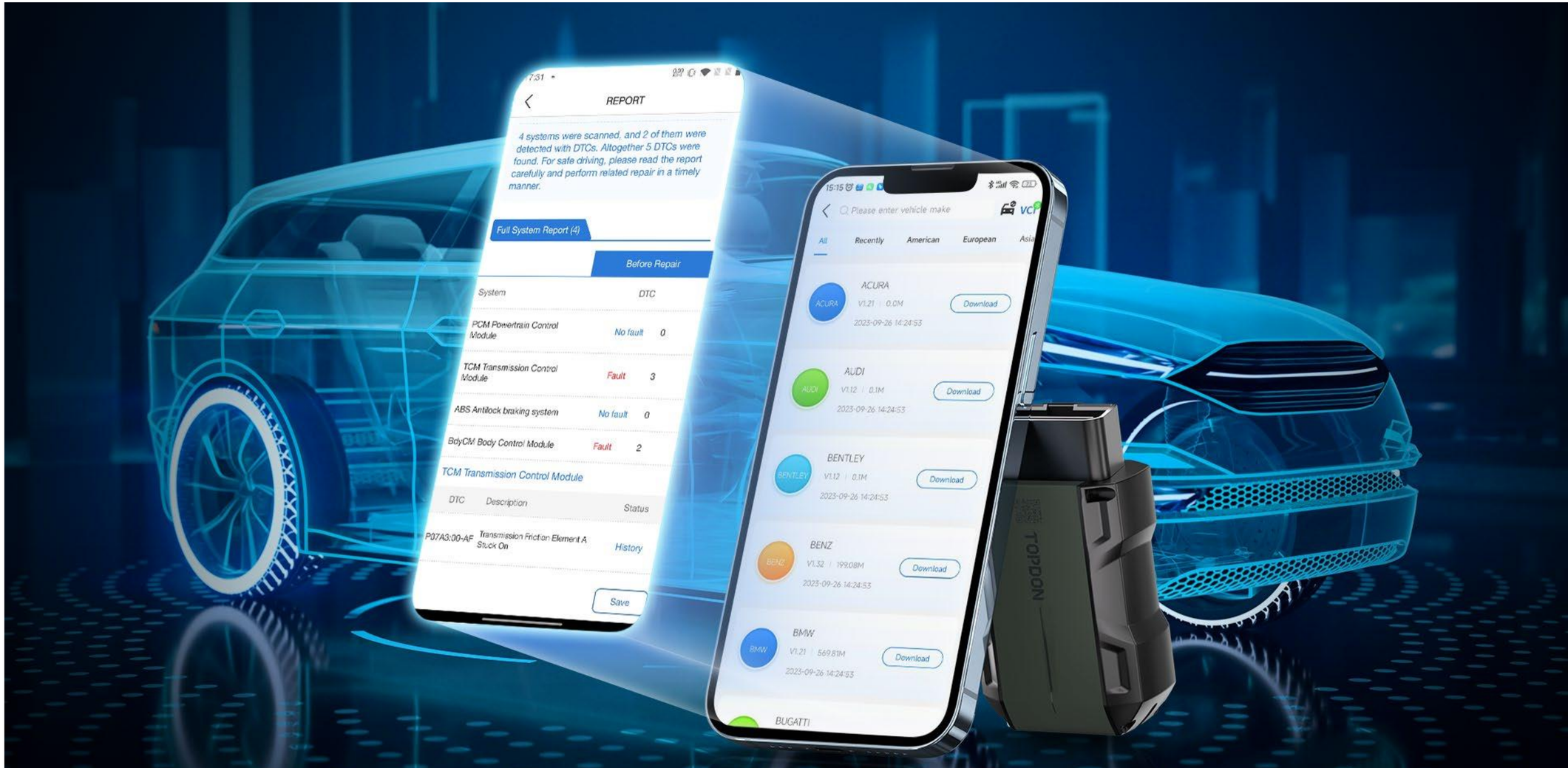
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# Diagnostic Report

The TopScan can generate diagnostic reports for System, Fault Codes, or Data Streams. A system diagnostic report can display the number of fault codes before and after repair for comparison, clearly indicating how many fault parts and fault codes have been repaired.



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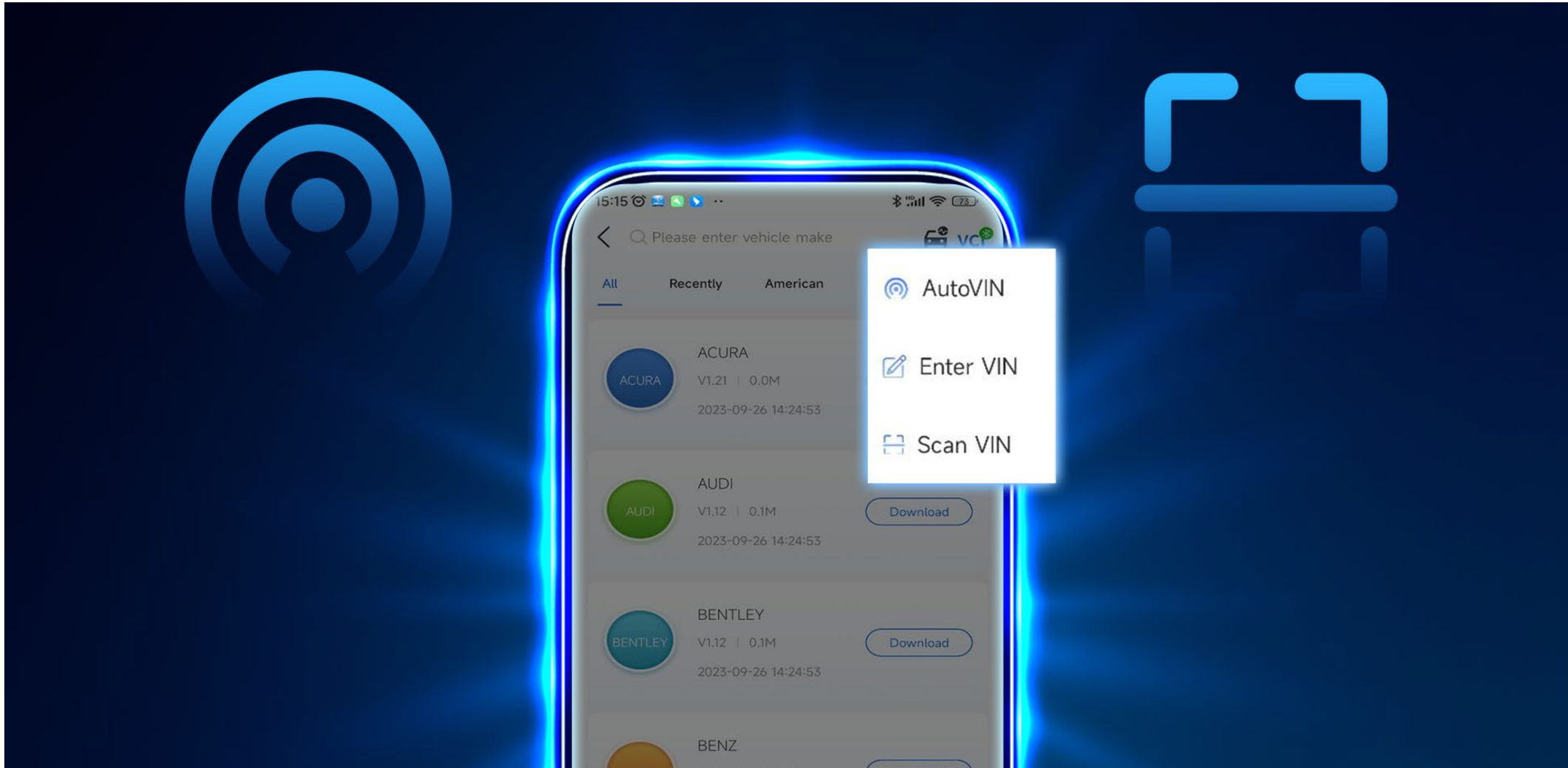
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# AutoVIN & AutoScan

The TopScan comes with AutoVIN and AutoScan functions to streamline your repair progress and save diagnostic time.

AutoVIN automatically identifies vehicle information such as make, model, and year of manufacture; AutoScan detects all vehicle systems and retrieves DTCs easily.



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# Wireless Diagnosis for Maximum Flexibility

With Bluetooth 5.0, The TopScan can communicate with a vehicle 33ft (10 meter) away.

The wireless function gives technicians the ability to diagnose, while positioning themselves anywhere they need to be. As long as they are within Bluetooth range.






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# Vehicle Coverage Lookup

Enter the Device Model, Vehicle Series, Vehicle Model, Year and Function you would like to perform on your car. The Vehicle Coverage Lookup function can help you check whether the device is applicable to your vehicle, supporting 60+ brands.

Device Model, Vehicle Series, Vehicle Model, Year and Function



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# Powerful Scanner in Your Pocket

Measuring 84.1*50.4*27.2mm and weighing only 78g, this pocket-size scan tool is perfect for home garage projects and professional jobs that require mechanics to leave the shop.

Compatible with mobile devices on Android 7.0/iOS 10.0 or above. 3 indicators display Bluetooth connection, power, and communication with vehicle.






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# TopScan Pro

Enjoy more reset functions and IMMO capability with TopScan Pro



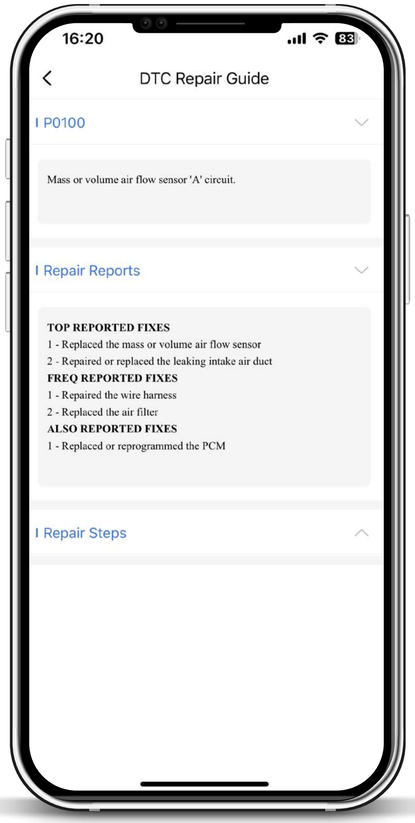




| | TopScan Lite | TopScan Pro |
|---|---|---|
| Full OBDII Functionality | ✓ | ✓ |
| AutoVIN | ✓ | ✓ |
| Full System Diagnostics | ✓ | ✓ |
| Bidirectional Control | ✓ | ✓ |
| Repair Information | ✓ | ✓ |
| Performance Testing | ✓ | ✓ |
| Vehicle Coverage | ✓ | ✓ |
| Service Functions | 8 (Oil, Throttle, EPB, Steering, DPF, BMS, Airbag, ABS Bleeding) | 13 (Added functions: Injector Coding, Tire Pressure Reset, Sunroof Initalization, Seat Calibration, Windows Cablibration) |
| IMMO | Optional | ✓ |
| Software Updates | 1st Year is free. $49 per year after that. | 1st Year is free. $99 per year after that. |

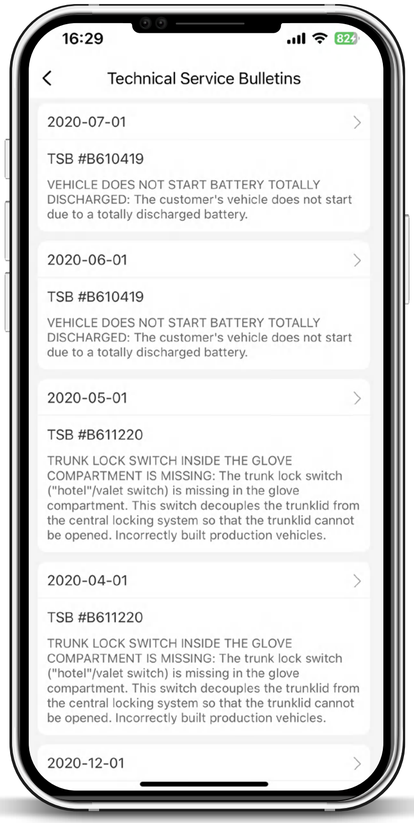
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# Repair Information




**DTC Repair Guide**:

The OBD2 DTC Repair Guide can display the definition of fault codes and offer guidance in how to repair the code.

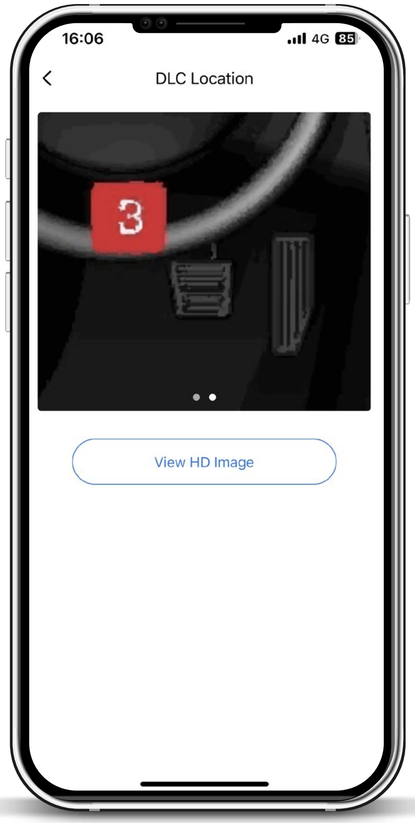



**Technical Service Bulletin:**

By entering the brand, model and year, technicians can access original technical service bulletins to get technical guidance including problems, applicable models and how to find and fix the problems, facilitating their diagnostics.

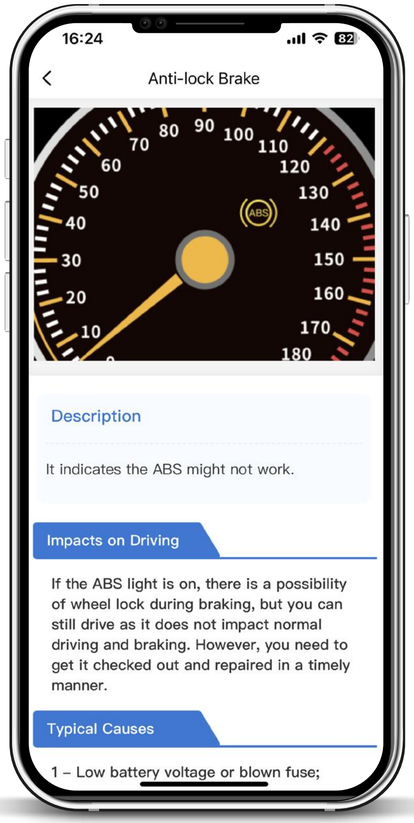
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**DLC Location:**

By selecting the vehicle brand, model, year, and other information, the TopScan can show the DLC locations of various vehicles, saving technicians the trouble of searching.




**Warning Light Library:**

The warning light library will provide information on vehicle dashboard warning lights, including descriptions of the warning lights, impact on driving, possible causes of malfunctions, solutions, and related FAQs.

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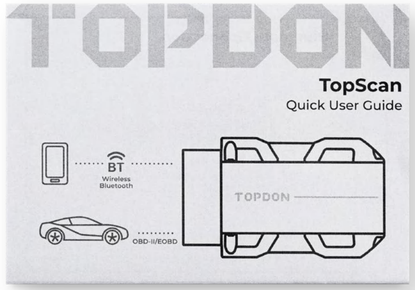
# What's In The Box?

## TopScan Device




x 1

## Quick Start Guide




x 1

## Package Box




x 1

| MODEL / SPECIFICATIONS | AD500S  | TopScan  | AL500  |
|---|---|---|---|
| Bluetooth | X | √ | X |
| Read DTCs | √ | √ | √ |
| Clear DTCs | √ | √ | √ |
| Live Data | √ | √ | √ |
| I/M Readiness | √ | √ | √ |
| View Freeze Frame | √ | √ | √ |
| O2 Sensor Test | √ | √ | √ |
| On-board Monitor Test | √ | √ | √ |
| Evap Test (Mode$8) | √ | √ | √ |
| Vehicle Information | √ | √ | √ |
| DTC Look UP | √ | √ | √ |
| Graphic Live Data | √ | √ | √ |
| AutoVin | √ | √ | X |
| Bi-Directional Control | X | √ | X |
| Vehicle Performance Test | X | √ | X |
| Repair Information | X | √ | X |
| Service function | 5(Oil Reset, BMS Reset, ABS BLEEDING, ETS Reset and DPF Reset). | 8(Oil Reset, Brake Reset, SAS Reset, BMS Reset, ABS BLEEDING, ETS Reset, DPF Reset and TPMS Reset) | X |
| Full-System Diagnostic | X (PCM/TCM/ABS/SRS) | √ | X |
| Vehicle Coverage | 90+ | 60+ | Most Vehicles after 1996 |
| Print via PC | √ | √ | √ |
| Software Update | Free | 1 Year | Free |
| Software Languages | 17 | 10 | 7 |

# FAQs

**Question**

What should I do if a communication error occurs?

**Answer**

Follow the steps below to identify the problem:

**1)** Check if the ignition is ON.

**2)** Check if the TopScan is securely plugged into the vehicle's OBD-II port.

**3)** Turn the ignition off. Then, turn it on after 10 seconds and continue the operation.

**4)** Check if the vehicle's control module is defective.

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**Question**

Why do I need to download the diagnostic software after installing the TopScan app?

**Answer**

Since there are various vehicle manufacturers, different diagnostic software is required for different brands.

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**Question**

What special functions does the TopScan support?

**Answer**

The TopScan supports 8 special functions, including Oil Reset, Throttle Adaptation, EPB Reset, ABS Bleeding, Steering Angle Reset, DPF Regeneration, Airbag Reset, and BMS Reset.

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**Question**

Do I need to update the firmware before using it for the first time?

**Answer**

Yes. Firmware will automatically update to the latest version once the TopScan is connected with your phone via Bluetooth. You can also tap Me > Firmware Update to update the firmware manually.

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**Question**

Can multiple devices be bound to one TopScan app account?

**Answer**

Yes.




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