

Automotive Aftermarket OEM/ODM Supplier

2025-V2.0

PRO SUPPLIER IN AUTO
DIAGNOSTICS

OBDResource Electronics Co.,LTD.



Automotive Aftermarket OEM/ODM Supplier

Catalogue



01

02

Company Profile

- 01 Company Profile
- 01 Company History
- 03 Company Culture & Philosophy

Car Code Reader

- 05 YA101
- 07 YA201
- 09 YA301
- 11 YA302
- 13 YA401
- 15 YA405

TPMS Relearn Tool

- 17 E508
- 19 S508
- 21 U508
- 23 TPS10
- 25 TPS30
- 27 TP-Sensor
- 29 EL50448 Ultra

06

07

08

Injector Tester

- 61 IT200

Brake Fluid Tester

- 65 BF100 / BF200

Super Beakout Box

- 71 BX100

Spark Plug Tester

- 63 ST100 / ST100 Pro

Ignition Timing Tool

- 67 N123 / N123 PRO
- 69 TL123

Relay Tester

- 73 RT911
- 75 RT100

03



Battery Analyzer

- 29 BM210
- 31 BM310 / BM410
- 33 BM500
- 35 BM510 / BM520
- 37 BR502 / BR550+
- 39 BM550 Ultra
- 41 BM560 / BM580
- 43 BM800

04



Circuit Probe

- 45 CP03
- 47 CP10
- 49 CP20
- 51 CP30
- 53 CP40

05



Portable OBDII Adapter

- 55 P01 / P02
P03 / P04

FOB Key Programmer

- 57 P403

09



Heavy Duty Scanner

- 77 HD10
- 79 HD20

10



Accessories

- 81 Diagnostic Cables



OEM/ODM Customize

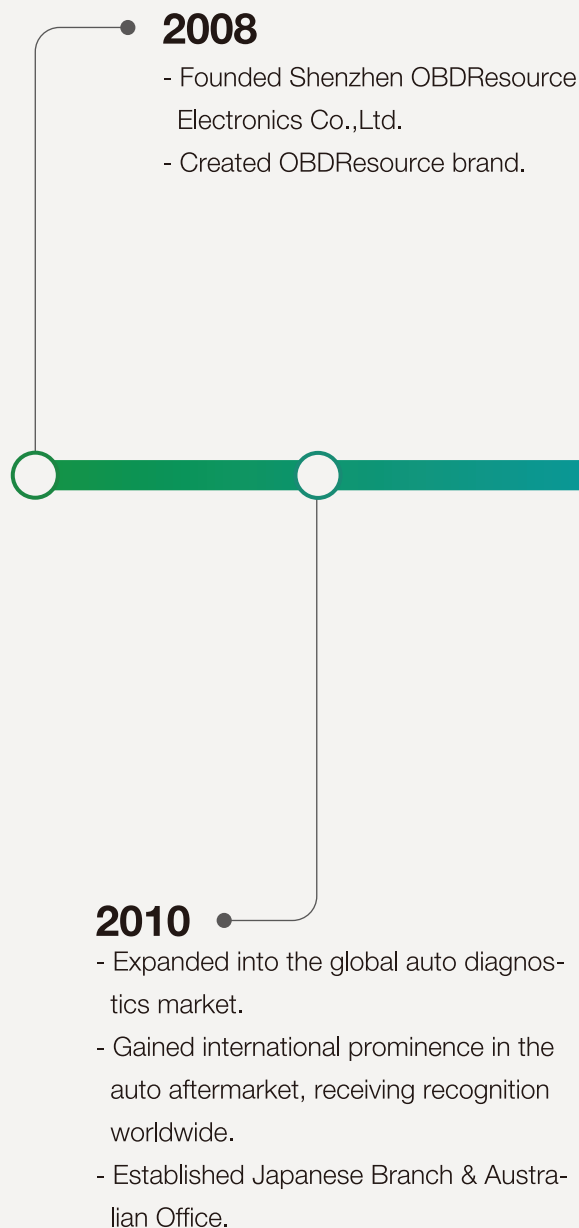
----- 83

Company Overview:

Shenzhen OBDRResource Electronics Co., Ltd., established in June 2008, is a dynamic enterprise that seamlessly integrates design, research, development, production, and sales. With a robust quality management system, a highly skilled R&D team, and a state-of-the-art production facility, OBDRResource is committed to innovation and user-centric design at every step of our product development process. Guided by our core values of "Putting people first, Honesty and harmony", we consistently lead the industry in cutting-edge research and innovative product design.

We warmly invite you to explore potential collaborations with our company.

Company Milestones



2014

- Introduced foreign self-media accounts, creating an all-in-one business shopping hub.
- Registered national and foreign trademarks, securing 30+ patents and IP rights.

2020

- Enhancing brand visibility through internationally renowned exhibitions in Beijing, Shanghai, Frankfurt and beyond.
- Diversified services, including OEM/ODM solutions, expanding product lines to 7.

2018

- Created JDIAG sub-brand with domestic & foreign trademark.
- Established an autonomous R&D team.
- Set up an advanced SMT plant and assembly line.

2023

- Launched a cross-border e-commerce storage battery tester series.
- Earned the "Excellent Supplier of the Year" title from Alibaba.
- Consistently grew with a 1500 sq. meter workshop expansion.



Company Culture & Philosophy

Our Mission

To build our brand,
Strengthen the enterprise,
Enrich the nation.

Our Vision

Become tech leaders
in auto aftermarket.

Our Spirit

A spirit of craftsmanship,
Continually pursuing
excellence.



Committed To Advanced Technology, Serving Customers Worldwide.

Core Values

Putting people first,
Honesty and harmony.

Company Mission

Creating practical, durable,
and user-friendly products.

Code of Conduct

Upholding commitments,
Providing heartfelt service;
Dedicated to the enterprise,
Collaborating to create value.



01



Car Code Reader

PRO SUPPLIER IN AUTO
DIAGNOSTICS



Car Code Reader - 1 Series

Decode Complex Issues, Master Engine Health

1.8" COLOR SCREEN HIGH SENSITIVITY WITH FULL FEATURES



Scan QR code
watch demo video



Full OBDII
Functions



Screenshot
Function



Battery Voltage
Test



Cross-platform
Upgrade

Car Code Reader - 1 Series

Perfect for diagnosing a wide range of 12V vehicles worldwide, including sedans, trucks, SUVs, and minivans, while adhering to OBDII/EOBD/CAN protocols. This multi-functional device provides comprehensive OBDII/EOBD functions such as reading Diagnostic Trouble Codes (DTCs), Freeze Frame Data, O2 Sensor Analysis, and I/M Readiness. The compact and portable design of this series makes it effortlessly portable, fitting easily into your pocket or toolbox for convenient on-the-go use.

• Car Code Reader Series



OBDII Full Functions



Read DTCs



Clear DTCs



Live Data



Mode 6



Vehicle Information



Component Test



View Freeze Frame



Oxygen Sensor Test



I/M Readiness



EVAP Test

Custom Designed



Easy To Use

Plug and play, follow on-screen instructions to diagnosis.

Efficient & Precise

Swift, precise fault detailed, reports enhance maintenance efficiency.

Wide Applicability

Works with various car brands, supports OBDII, EOBD, CAN protocols.

Free Smart Upgrade

Get the latest free version to ensure optimal device performance. No upgrade driver request, directly copy the upgrade files for quick upgrade.

Car Code Reader - 2 Series

One Machine in Hand is Enough For Diagnostic

UI ICONS DATA WAVEFORM DISPLAY MAKES IT EASIER



Scan QR code
watch demo video



Multi-function



Screenshot
Function



Multi-language



Cross-platform
Upgrade

Car Code Reader - 2 Series

• Car Code Reader Series

Elevate your user experience with a vibrant 2.4" Color Screen adorned with carefully crafted UI icons. This device seamlessly supports all OBDII compliant 12V gasoline vehicles manufactured since 1996. Multilingual options cater to a wide range of customer preferences. The intuitive data stream waveform display enables efficient and clear test result assessment.



Special Functions



Plug & Play



UI Icon Display



Data Graph



Battery Test



Data
Flow Top



Support
9 Languages



Driver Free
Upgrade



Lifetime Free
Update

Full OBDII Function Diagnosis

- **Read Code:** Display the details description of the diagnostic trouble code (DTC).
- **Clear Code:** Turn off malfunction indicator light (MIL) , clear the fault code and reset the monitor.
- **Live Data Flow:** Read real-time ECU / PCM data stream, displayed in the real-time graph (waveform).
- **I/M Readiness Test:** Shows whether the various emission-related systems of the vehicle are operating normal, and whether they pass the readiness test.
- **View Freeze Frame Data:** Check certain vehicle conditions recorded by the on-board computer when an emission-related failure occurred.
- **Oxygen Sensor Test:** Allows to retrieve and view the latest test results monitored by the oxygen sensor from the on-board computer.
- **Mode 6:** Retrieve test results of powertrain components and systems related to emissions.
- **Read Vehicle information:** Display vehicle VIN / CD / CV and other information.
- **Component Test:** Certain vehicle components can be actuated by commands sent by code reader to test their operability.
- **DTC Lookup:** Offline checking the fault code definition.

Car Code Reader - 3 Series

Quickly Diagnose Faults, Escort Driving Safety

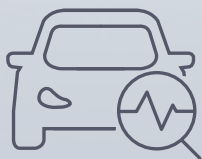
4 SHORTCUT KEYS CONVENIENT EFFICIENT OPERATION



Scan QR code
watch demo video



One-key
Battery Test



One-key
Car Diagnosis



One-key
I/M Readiness



One-key
Vehicle VIN

Car Code Reader - 3 Series

• Car Code Reader Series

Experience this versatile vehicle diagnostic tool: 2.4" TFT color screen offers enhanced display, screenshots function, and one-key tests. Choose from multiple languages, upgrade via USB (driver-free), ensuring stability and durability. User-friendly for all, it reduces maintenance time and costs while boosting driving safety.



Special Functions



3-Color Lights



Ten Functions



Battery Test



Free Upgrade



Data Graph
Display



Multi-
languages



Screenshot
Function



Record &
Playback

American

Supports standard OBDII protocols required since 2000 for Chrysler, Ford, GM, Jeep, Buick, Chevrolet, and other compatible models.

European

Supports standard OBDII protocols required since 2003 for Alfa Romeo, Saab, Vauxhall, Opel, Audi, Renault, Skoda, Land Rover, BMW, Citroen, Fiat, Jaguar, Volkswagen, and other compatible models.

Asian

Supports standard OBDII protocols required since 2006 for Kia, Isuzu, Honda, Mitsubishi, Hyundai, Lexus, Mazda, Nissan, Suzuki, Toyota, and other compatible models.

China

Supports standard OBDII protocols required since 2009 for BYD, Foton, Geely, JMC, Dongfeng, Changan, and other compatible models.

Car Code Reader - YA302

Multiple Faults Can Be Fixed By One Machine

2IN1 PROFESSIONAL ENGINE AND BATTERY DIAGNOSTIC TOOL



Scan QR code
watch demo video



OBDII
Functions



DTC
Lookup



One-key
Live Data



One-key
Battery Test

Car Code Reader - YA302

• Car Code Reader Series

YA302 combines an OBD2 code reader with a premium storage battery tester. Effortlessly read and clear engine fault codes, monitor real-time data streams, and access full OBDII functions. Test 6V/12V/24V car batteries onboard or off, with startup/load/charging functions. Achieve precise battery diagnostics across diverse battery types. One-Key battery testing compatible with cars, SUVs, motorcycles, light trucks, and even ships.



Product Features



Pure Copper Wire



High Precision



Screenshot



Plug & Play



2.4" TFT
Color Screen



Three-color
Lights



Multiple
Languages



Driver-free
Upgrade

Car Diagnostics

- Read DTCs
- Readiness Test
- Freeze Frame Query
- Real-time Data Monitoring
- View Vehicle Information
- Clear Fault Light
- Component Test
- Data Flow Waveform Display
- Data Recording and Playback
- DTC Query
- Oxygen Sensor Test

**Applicable to 12V gasoline vehicles after 1996 that compatible with standard OBDII protocol.

Battery Detection

Battery Testing: Reads internal resistance value, existing capacity, detects battery power, and assesses health status.

Testing Flexibility: Supports both in-vehicle and out-of-vehicle tests.

Professional Features: Includes vehicle battery charging test, startup test, and loading test capabilities.

**Support batteries (6V 12V 24V) for Cars, Light Trucks, Heavy-Duty Vehicles, Ships, Motorcycles, Golf Carts, lawn mowers, and more.

Car Code Reader - YA401

Hot Key Style Design, High-equipped Hardware

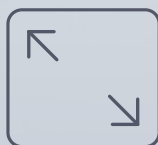
AN EXCEPTIONAL AND PRACTICAL AUTOMOTIVE CODE READER



Scan QR code
watch demo video



Removable
Connectors



2.8" TFT Color
Screen



3 Colors
LED Light



4 One-Click
Tests

Car Code Reader - YA401

• Car Code Reader Series

High-end, powerful OBDII diagnostic tool for 12V gasoline vehicles. Offers comprehensive OBDII diagnosis, plus advanced features: Fault Code Cause Query, Battery Test, Custom Data Stream Sorting, Test Result Capture and Saving. Unique design advantages include function shortcut keys and detachable connector. A user-friendly, efficient automotive diagnostic solution.



Main Functions

- Read Fault Code
- Clear Fault Code
- Live Data Flow
- View Freeze Frame
- Oxygen Sensor Test
- EVAP System Test
- I/M Readiness
- Turn off MIL
- Vehicle Information
- Mode 6 Test
- Data Playback
- Component Test
- DTC Lookup
- Misfire Cylinder
- Battery Test
- Data Record

American

Support (Standard OBDII protocols required since 2000) Chrysler, Ford, GM, Jeep, Buick, Chevrolet and other models.

European

Support (Standard OBDII protocols required since 2003) Alfa Romeo, Saab / Vauxhall, Opel, Audi, Peugeot, Skoda, Land Rover, BMW, Citroen, Fiat, Jaguar, Volkswagen and other models.

Asian

Support (Standard OBDII protocols required since 2006) Kia, Isuzu, Honda, Mitsubishi, Hyundai, Dacia, Lexus, Mazda, Nissan, Suzuki, Toyota and other models.

China

Support (Standard OBDII protocols required since 2009) BYD, Foton, Geely, Jiangling, Dongfeng, Changan and other models.

Specifications

- Display: 2.8-inch TFT color screen
- Operating Temp: -10°C — 40°C
- External power supply: 9V — 16V
- Storage Temp: -20°C — 70°C
- Product size: 95 x 30 x 200mm

Car Code Reader - YA405

2IN1 OBD High-end Configuration Equipment

VAG SERIES SPECIAL CAR MULTI-SYSTEM MAINTENANCE



Scan QR code
watch demo video



2 IN 1



VAG Diagnostic



Full Systems



TF Slot Design

Car Code Reader - YA405

• Car Code Reader Series

A top-tier 2-in-1 fault code diagnostic tool, renowned for its high-end configuration. This device offers extensive support for engine system diagnosis in OBDII vehicles and delivers expert diagnostic testing for specialized multi-system vehicles such as Volkswagen, Audi, Skoda, and SEAT. Covering everything from the engine to gearbox, chassis, and electronics, YA405 quickly identifies and resolves issues. What sets this tool apart are its valuable specialized features, including battery testing, customizable data stream organization, and in-depth fault code cause investigation.



Main Functions

- Read Fault Code
- Clear Fault Code
- Live Data Flow
- View Freeze Frame
- Oxygen Sensor Test
- EVAP System Test
- I/M Readiness
- DTC Lookup
- Vehicle Information
- Mode 6 Test
- Misfire Cylinder
- Component Test

Support The Six Major Systems Of VAG Vehicles



General System

Transmission Electronics, AC / Heating Electronics, Central Control, Airbags, Dashboard, etc.



Transmission System

Engine, Battery Energy Control Module 2, Diesel Pump Electronics Electric Drive, Clutch Electronics, etc.



Chassis System

Brake Electronics, Distance Control, Braker Booster, Drive Slip Control, Parking Brake, Steering Assistance, etc.



Comfort System

Central Lock, Interior Monitoring, Auxiliary Heater, Passenger Seat Adjustment, Lane Departure Assistance System, etc.c.



Electrical System 1

Immobiliser, Radio, Navigation, Sound System, Auto Lighting Switch, Voice Control, etc.



Electrical System 2

Control Unit For Wiper Motor, Garage Door Opener Control Module, Interior Light Module, Sun Roof, etc.



02



TPMS Relearn Tool

PRO SUPPLIER IN AUTO
DIAGNOSTICS



TPMS Relearn Tool - EL50448

Strong Signal And Easy To Use

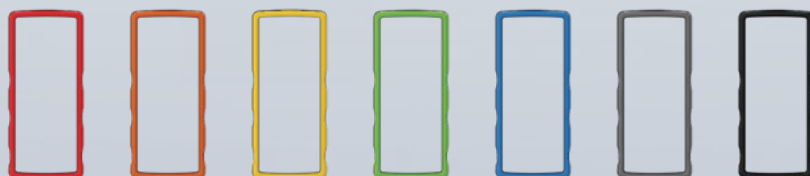
ESSENTIAL TPMS TOOLS FOR GM SERIES VEHICLES



Scan QR code
watch demo video



**Customizable
Colors**



TPMS Relearn Tool - EL50448

• TPMS Relearn Tool

EL50448 is compatible with a wide range of GM series vehicles (Chevrolet, Buick, GMC, Opel, Cadillac, etc.) equipped with 315MHz or 433MHz Tire Pressure Monitoring System (TPMS) sensors. It supports vehicles manufactured from 2006 to present, including minivans, SUVs, and light trucks. The device is designed for simplicity and ease of use, featuring energy-saving and power-saving functionalities, as well as a smart low battery alert.



Functional Features



Security



Efficient



Convenient



Energy Saving



Simple



Reliable



Accurate



315/433MHz



One-click Operation

Factory Tested Vehicle Models

- 2006-2023: Nearly all GM series including Buick, Cadillac, Chevrolet, GMC, Opel, etc.
- 2010: Acadia, Encore, Outlook, Traverse (VIN R/V), Allure, LaCrosse (VIN G), Antara, Captiva, Terrain, Winstorm, Avalanche, Escalade, etc.
- 2011: Acadia, Enclave, Traverse (MN RM), Alpheon, Antara, Captive, Astra, Avalanche, Escalade, Suburban, Tahoe, Yukon (VIN C/K), Aveo, Barina (VIN S/T), etc.
- 2012: Acadia, Encore, Traverse (VIN R/V), Alpheon (2706), Ampera, Volt (VIN R) (Europe), Antara, Captiva, Astra-J (2857), Avalanche, Escalade, etc.
- 2013: Acadia, Enclave, Traverse (VIN R/V) (3206), Alpheon (3094), Ampera, Volt (VIN R) (Europe) (3211), Antara, Captiva (5376555), Insignia (3098), etc.

Customer Tested Vehicle Models

- 2006-2013: Corvette, Nissan Frontier, Cadillac Escalade, GMC Acadia, GMC Yukon Denali, etc.
- 2014-2015: Acadia, Buick Encore, Buick Grand Cru, Cadillac ATS, Cadillac CTS, etc.
- 2016-2018: Acadia, Buick Encore, Buick Cascada, Cadillac XTS, Chevrolet Express 3500, Chevrolet SS sedan, etc.

TPMS Relearn Tool - Super EL50448

One-click Solution To Tire Pressure Reset

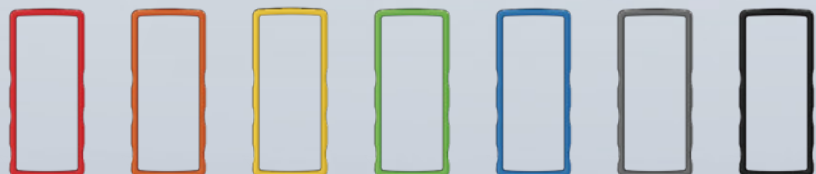
2IN1 TIRE PRESSURE RESET FOR FORD & GM VEHICLES



Scan QR code
watch demo video



Customizable
Colors



TPMS Relearn Tool - Super EL50448

• TPMS Relearn Tool

A versatile 2-in-1 tire pressure reset tool crafted for both Ford (Ford/Lincoln/Mercury, etc.) and GM series vehicles (Chevrolet/Buick/GMC/Opel/Cadillac, etc.). This tool is compatible with model years ranging from 2006 to present, covering a wide array of cars, SUVs, and light trucks. Its user-friendly design, featuring one-button functionality, ensures effortless operation. The Super EL50448 is not only efficient but also environmentally conscious with its energy-saving design and intelligent low battery reminders, making tire pressure reset a seamless and efficient process.



Product Features



2IN1 Design



Energy Saving



Easy To Use



315/433 MHz



Low BAT
Reminder



Stronger
Signal



One Key
Operation



Non-slip
Shell Design

Advantage

Support GM and Ford 2 brands, dozens of models, support the tire pressure learning of models from 2006 to the present.

Application

Almost all GM and Ford car series models: Buick, Cadillac, Chevrolet, GMC, Opel, Saab, Pontiac, Hummer, Saturn, Mazda, Lincoln.

When Needed

1. Following the installation of a new tire pressure sensor, both deflated and inflated tires will not prompt the system to recognize the new sensor.
2. During tire rotation, there's no quick and efficient method for the ECU to relearn the updated tire information.
3. When the tire pressure indicator light is illuminated, post-maintenance, it's essential to reset the tire pressure and turn off the indicator light.
4. Addressing concerns like low tire pressure, air leakage, tire pressure monitoring equipment replacement or installation, tire replacement, and sensor damage requires a reset of the tire pressure system.
5. Switching between winter and summer tires necessitates a tire pressure system reset.

TPMS Relearn Tool - Universal U508

Fast Reset To Protect Driving Safety

EFFICIENT AND CONVENIENT TO ONE-BUTTON OPERATION



Scan QR code
watch demo video



All In One



Simple & Fast



One-key Reset



Energy-saving

TPMS Relearn Tool - Universal U508

• TPMS Relearn Tool

Featuring an exquisite design with classic blue and black colors, the U508 tire pressure relearning tool is tailored for vehicles equipped with 315MHz or 433MHz TPMS. It boasts a broad compatibility with various models, a low battery warning light, and a silicone anti-skid design. The tool enhances signals, ensuring sensitivity and operates effortlessly with a single button. Its reliable quality and durability suit diverse user groups, delivering time and cost savings while enhancing driving safety.



Product Features



More Models



Low BAT Remind



Silicone Non-slip



One Key Reset



Super Signal



9V Battery



Energy Saving

American Cars

Support GM, Cadillac, Chevrolet, Chrysler, Dodge, Ford, Jeep, Buick and other models.

European Cars

Mercedes-Benz, BMW, Volvo, Aston Martin, Alfa Romeo, Maserati and other models are supported.

Asian Cars

Support Mitsubishi, Kia, Suzuki, Infiniti, Genesis, Qingling, Hyundai and other models.

NOTE: Models of the above brands that have a stationary learn mode are supported. In a stationary relearn process, the vehicle is parked, and each tire sensor is activated in a specific sequence using a tool or a series of steps provided by the vehicle manufacturer.

Customizable Colors



TPMS Relearn Tool - Multifunction TPS10

1.8" Color Screen With More Functions

SUPPORT 98% MODELS RELEARN OPERATION STEPS



Scan QR code
watch demo video



All-in-one
Device



Queryable
OE Info



Built-in Reset
Steps



Smart
Shutdown

TPMS Relearn Tool- Multifunction TPS10

• TPMS Relearn Tool

TPS10 is an essential tool for cars equipped with 315MHz or 433MHz tire pressure monitoring system. It is used for tire pressure relearning after tire pressure sensor replacement, tire pressure alarm disassembly or tire replacement. TPS10 supports more than 3,670 vehicle models of 293 vehicle brands over the world. With 1.8" color screen, you can query the operation steps of entering the learning mode, the original sensor ID information, etc.



Features



All-in-one
Reset Tool



Built-in
Learning Method



Sensor OE
Info Queried



Five Regions
Options

Supported Models

Buick, Cadillac, Chevrolet, Chrysler, Ford, Dodge, GMC, Hummer, Jeep, Lincoln, Mercury, Pontiac, Saturn, Alfa Romeo, Audi, Bentley, BMW, Aston Martin, Borgward, Fiat, Jaguar, Saab, Volvo, Mazda, Maybach, Rolls-Royce, Opel/Vauxhall, Lamborghini, Land Rover, Peugeot, Mercedes-Benz, Renault, Citroen, Skoda, Infiniti, Kia, Volkswagen, Acura, Subaru, Honda, Hyundai, Lexus, Mitsubishi, Nissan, Toyota and more. (Please refer to the latest software version released in the machine for the complete cover model)

Wide Compatibility

Applicable to most vehicles equipped with 315/433 MHz tire pressure monitoring system, covering different years and models of Asian, European, American, Australian and domestic vehicles.

Timed Shutdown

Allows you to set a sleep schedule, conserving energy and extending battery life.

Multilingual

Support 11 languages: English, Russian, French, Spanish, German, Italian, Portuguese, Dutch, Polish, Simplified/Traditional Chinese.

Lifetime Update

Software driver-free intelligent upgrade, providing lifetime free upgrade service.

TPMS Programming Tool - TPS30

Able To Program Sensor & OBDII Learning

SOLVE TPMS RE-LEARNING PROBLEM OF 98% MODELS



Scan QR code
watch demo video



Sensor
Programming



Sensor
Activation



Sensor
Relearning



Remote
Key Detection

TPMS Programming Tool - TPS30

• TPMS Relearn Tool

TPS30 comes with 4 programmable TP-Sensors by OBDResource, available in both 315MHz and 433MHz variants. Equipped with a comprehensive tire pressure system sensor activation programming and re-learning function, TPS30 excels in reading information from all OEM and original sensors. It effortlessly accommodates various tire pressure re-learning methods, including OBD learning, encompassing over 98% of tire pressure-equipped models in Asia, Europe, America, and Australia. Experience a one-stop solution for achieving optimal tire pressure.



Activate Sensor

Sensors can be activated to view sensor data such as sensor ID, tire pressure, tire frequency, tire temperature and battery condition.



Sensor ID



Tire Pressure



Tire Frequency



Tire Temperature



Battery Condition

Activate Sensor

Support programming the sensor data to OBDResource TP-Sensor and replace the faulty sensor, and support a variety of programming methods.



Auto Create



Manual Create



Copy ID

Relearn Sensor

Relearn is used to write the newly programmed sensor IDs into the vehicle's ECU for sensor recognition. Supports multiple re-learning methods: automatic learning, static learning, and OBD learning.

TPMS Diagnose

Support tire pressure fault diagnostics including reading ECU registration ID and tire system fault codes clearing operations (OBDII cable needed)

Specifications

- Display: 4.3-inch TFT color screen
- Battery capacity: 3500mAh
- Product size: 96 x 37 x 211mm
- TF card: 16G TF card
- Operating Temp: 0°C — 50°C
- Storage Temp: -20°C — 70°C

Universal Tire Sensor: TP-Sensor

315MHz & 433MHz Dual Frequency Sensor

OE-LEVEL SENSORS REPLACE ALL ORIGINAL TIRE SENSORS



Dual-frequency
315MHz 433MHz



Support 98%
of Vehicles



Unlimited
Programming



Low Power
Consumption

Universal Tire Sensor : TP-Sensor

• TPMS Relearn Tool

The ultimate OE sensor replacement: Compatible with 315 MHz and 433 MHz frequencies, it seamlessly integrates with TPS30 for 100% replication of OE tire pressure module data and limitless programming. It's designed for a wide range of vehicles equipped with tire pressure monitoring systems. Engineered to endure, it's tested and certified to the SAE industry standard J2657 test, boasting a sensor lifespan of over 5 years for unbeatable durability and reliability.



Product Features

- OE Sensor Replacement
- Low Power Consumption
- Unlimited Programming
- Support 98% of Car Models
- Waterproof & Dustproof
- Pressure Accurate to 0.1bar

Specifications

Battery Life	4-6 years / 100,000km
Operating Temp	-40°C to +125°C
Storage Temp	-20°C to +150°C
Working Humidity	90%
Working Frequency	433MHz / 315MHz
Pressure Monitoring Range	0 to 800kpa
Pressure Reading Accuracy	±0.1bar
Temp Reading Accuracy	±5°C
Transmission Power	5-8dBm
Battery Power	3.0V
Waterproof Rating	IP67
Dimensions (L x W x H)	49mm x 13mm x 30mm
Weight	15g

Wireless Master - SUPER EL50448 ULTRA

Unlocks the Next Generation of TPMS

ALL-IN-ONE TOOL BUILT FOR REPAIRS & EMERGENCIES



Frequency Testing



Infrared Testing



TPMS Relearn



TPMS Activation

Wireless Master - SUPER EL50448 ULTRA

• TPMS Relearn Tool

The Super EL50448 Ultra is an all-in-one TPMS solution that combines sensor reset with multi-frequency signal reception. It supports all major TPMS systems and advanced signal analysis, covering complex scenarios like infrared and vehicle security signals.



Main Function

Core Functions:



Frequency
Test



Infrared
Test



TPMS
Activation



IMMO Signal
Detection



TPMS
Detection

Product Features:



Wide
Compatibility



Low Battery
Alert



Auto Sleep
Mode

Your Tool for Complete Signal Intelligence

- **Tackle Any Signal:** Master the entire spectrum—from 315MHz to 902MHz and infrared—ensuring you're ready for any vehicle.
- **Scan 5 at Once:** Break through limits. See 5 signals concurrently to diagnose complex issues in a fraction of the time.
- **Execute with Clarity:** Activate TPMS sensors with clear frequency readouts (315/433MHz), guaranteeing accurate results.
- **Guard with Security:** Probe for IMMO signals and add a critical layer to your vehicle safety checks.
- **Learn Across Brands:** Service a wide and expanding list of brands, from GM and Ford to Citroën, with ongoing updates.
- **Diagnose with Precision:** Instantly identify sensor frequency and condition to pinpoint failures and accelerate repairs.



03



Battery Analyzer

PRO SUPPLIER IN AUTO
DIAGNOSTICS



Battery Monitor - BM210

12V 24V 36V 48V 60V 72V Optional

10-SEGMENT LIGHT BAR VISUALLY DISPLAY



Scan QR code
watch demo video



Various Voltages



IP65 Waterproof



Easy To Install

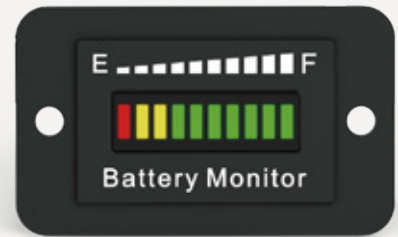


LED Display

Battery Monitor - BM210

• Battery Analyzer

It has the characteristics of waterproof and anti-corrosion, reverse connection protection, overload protection, etc., all in one, to meet the needs of different vehicles. The DIP switch is uniquely designed, with 6 voltage levels to choose from, suitable for all vehicles with 12V 24V 36V 48V 60V 72V batteries, including golf carts, club cars, trucks, boats, cars, lawn mowers, etc. 10-segment 3-color (1 red, 2 yellow, 7 green) LED display, the power is clear at a glance.



Battery Capacity Display



RED: 10%



YELLOW: 30%



GREEN: 100%

DIP Switch Definition Table

Battery Voltage	DIP Switch	Support Voltage	Instruction Manual
12V	"1-1-1"	12V	Actual Logic Level: 111
24V	"0-1-1"	24V	Actual Logic Level: 011
36V	"1-0-1"	36V	Actual Logic Level: 101
48V	"0-0-1"	48V	Actual Logic Level: 001
60V	"1-1-0"	60V	Actual Logic Level: 110
72V	"1-0-0"	72V	Actual Logic Level: 100

Features

- Auto Sleep
- Low Power Consumption
- Reverse Protection
- Overload Protection
- Self-Test Once Start
- Red, Yellow, Green Light
- 10-second Display Delay
- Charging Status Indicate
- IP65 Waterproof Grade
- DIP Switch Setting

Wide Applicability

Support custom switching to different voltage batteries for 12V/24V/36V/48V/60V/72V, and widely used in golf carts, electric vehicles, electric lawn mowers, shredders, ships, material handling vehicles and other battery equipment.

Battery Tester - Portable Series

Reverse Connection Protection

ACCURATE MAINSTREAM CONDUCTIVITY TEST TECH



Scan QR code
watch demo video



Pure Copper Wire



LED Highlight Light



Small & Portable



Easy To Use

Battery Tester - Portable Series

• Battery Analyzer

A portable series of easy-to-use testers built to facilitate the repairs and maintenance in car battery system for DIY amateurs or beginners. It helps user to accurately test the car battery system of battery health, cranking and charging. LED indicator shows the battery status, which is efficient and fast, can test many types of batteries including regular flooded, AGM flat plate, AGM spiral and GEL batteries for vehicles, forklifts, hybrid cars, SUVs, Pickups, Boats, RVs, Motorcycles, travel Trailers.



Features



Light Indicator



In-car Testing



Overload Protection



Diesel Gas Dual-use



Longer Test Leads



Reverse Protection



Copper Clip



Triple Choices



• Alligator Clip - BM310



• Cigarette Lighter - BM320



• 2-in-1 Adaptor - BM330



• Alligator Clip - BM410



• Cigarette Lighter - BM420



• 2-in-1 Adaptor - BM430

Bluetooth Battery Tester - BM500

Bluetooth 4.2 Faster Speed, Lower Power Consumption

PORTABLE 3-IN-1 SUPPORT IOS AND ANDROID PHONES



Compatible With
6V/12V/24V



Reversible
Access



Automatic
Connection



Generate & Share
Reports

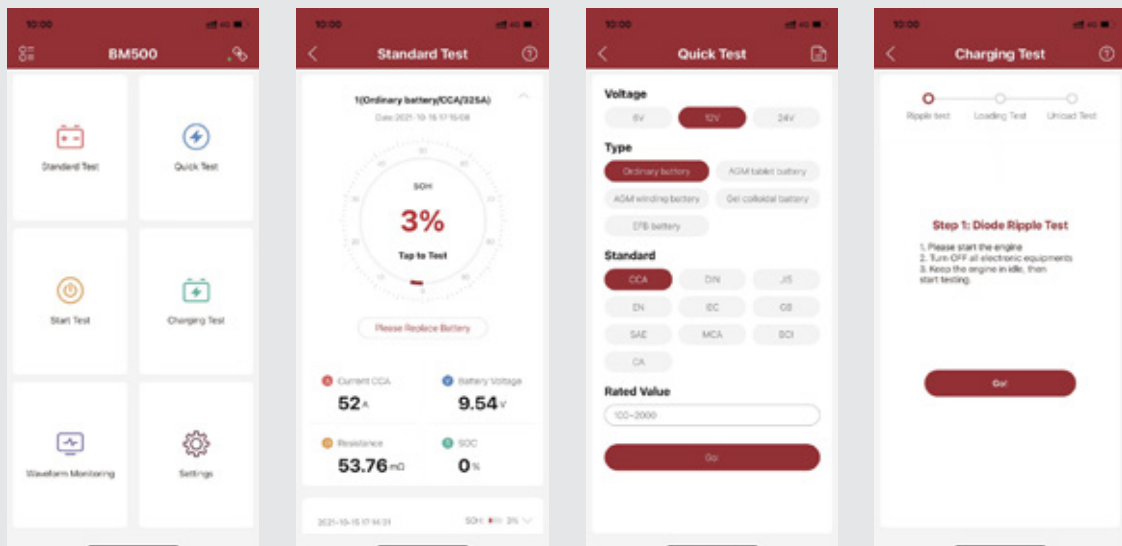
Bluetooth Battery Tester - BM500

• Battery Analyzer

BM500 is a portable Bluetooth battery performance tester. Employing advanced conductivity testing technology, it swiftly and precisely assesses battery health, contributing to the longevity and protection of both battery and engine. The device is seamlessly managed through a mobile app BM500, offering dual-system support and compatibility with both iOS and Android platforms.



BM500 APP Display



Product Advantages

- Support a variety of battery types, such as: Ordinary battery, AGM flat battery, AGM wound battery, GEL battery, EFB battery.
- Almost all current common battery standards are supported. Top ten standards in the market (CCA, IEC, EN, DIN, CA, BCI, MCA, SAE, GB, JIS).
- Reversible access: Regardless of the positive and negative connections.
- Bluetooth 4.2 connection, Ensuring long-distance signal reception and rapid data transfer for a stable connection.
- The APP automatically connects to the BM500 device via Bluetooth when launching, no manual operation is required.
- Sound and visual prompts when connection status changes.

Battery Tester - BM510/BM520

3in1 With A Colourful 2.8" Display

MULTI-FUNCTION PROFESSIONAL AND ACCURATE



Scan QR code
watch demo video



10 Functions



Battery Test



Screenshot Function



Audible Alarm

Battery Tester - BM510/BM520

• Battery Analyzer

Suitable for 6V/12V/24V vehicles like cars, motorcycles, trucks, golf carts, and lawnmowers. Supports mainstream standards (CCA, BCI, CA, MCA, JIS, DIN, IEC, EN, SAE, GB) and tests various lead-acid batteries, including AGM, GEL, EFB, and more. Offers battery, starting, charging, and load tests, with multi-language support, screenshot capability, and beeping reminders. Stores up to ten waveform data sets and one battery test result. Features a clear 2.8-inch color display for fast and accurate testing—a must-have professional battery tester.



Top 10 Features



Battery Test



Startup Test



Charging Test



Loading Test



Multi-language



Waveform
Monitoring



Screenshot
Function



Data Record &
Playback



Buzzer
Reminder



Multiple
Themes

Comprehensive Functions

It covers all mainstream standards and lead-acid battery types, offering battery, start-up, charging, load tests, voltage ripple monitoring, and more for comprehensive battery assessment.

Speed & Precision

Employing IEEE-recommended conductivity testing, it ensures quick and highly accurate test results with minimal error.

Safety & Reliability

Equipped with automatic alerts for poor contact, built-in beeping reminders, polarity reversal and overload protection, and low-frequency constant-current tests. It guarantees vehicle and battery safety even in voltage overload or incorrect connections.

Data Management

Save and review up to ten sets of voltage ripple test records and the latest battery test results. Capture and transfer screenshots with the screenshot function via the Mini USB interface for easy computer access.

Battery Tester - BR502/BR550+

Portable For Monitoring Battery's Health

EASY OPERATION INTUITIVE DATA AND FAST TEST



Scan QR code
watch demo video



SOC SOH
Test



3-IN-1
6V 12V 24V



Reverse
Protection



Overload
Protection

Battery Tester - BR502/BR550+

• Battery Analyzer

Compatible with 6V/12V/24V vehicles such as cars, SUVs, motorbikes, and light trucks. Supports CCA, BCI, CA, MCA, JIS, DIN, IEC, EN, SAE, and GB standards, testing Regular Flooded, AGM flat/spiral, GEL, EFB batteries. Input CCA and connect poles to check SOC, SOH, internal resistance, and voltage. Upgraded BR550+ features a color screen, automatic CCA and AH conversion, real-time voltage, and capacity display. Supports on/off-vehicle testing, user-friendly and cost-effective for quick battery health assessment.



Function List



State of Charge



State of Health



Read Resistance



Read Voltage



1.8" Screen
Display



Real-time Voltage
Monitor (BR550+)



Automatic Convert
CCA/AH Value (BR550+)



Real Time Battery
Capacity (BR550+)

User-Friendly

Effortlessly connect to battery terminals, choose the voltage, and input CCA or AH for a straightforward battery test.

Swift & Precise

Efficiently and accurately assess battery health for timely replacements if necessary.

Versatile

Compatibility with 6V/12V/24V batteries and various types ensures wide-ranging applications.

Safety Assured

Automatic prompts for poor contact, polarity reversal, and overload protection ensure car safety.

Durable Build

A one-piece shell with nonslip sides, responsive silicone keys, durable copper wiring, and copper-plated test clips for enhanced longevity.

①BR502 only has CCA value input, AH value needs to be converted into CCA input, BR550+ can automatically convert AH and CCA value.

Automotive Battery Tester - BM550 Ultra

Built-in Printer For Test Result Reports

ALL-IN-ONE COMPATIBILITY WITH 6V & 12V & 24V BATTERIES



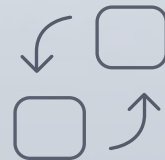
Built-in Thermal
Printer



SOC & SOH Testing
Capabilities



Real-time Voltage
Monitoring



Automatic CCA/AH
Value Comparison

Battery Tester - BM550 Ultra

• Battery Analyzer

The BM550 ULTRA Professional Battery Analyzer utilizes advanced internal resistance testing technology and OBDResource's self-developed algorithm to perform precise battery scans and deliver highly accurate test results. It measures key parameters including Internal Resistance, Voltage, State of Health (SOH), State of Charge (SOC), and CCA values. Compatible with all 6V/12V/24V batteries ranging from 100 to 2000 CCA, it supports conventional Lead-acid, AGM Flat Plate, Spiral AGM, and GEL Battery Types. A built-in printer is also included for instant test report generation.



Special Features



1.8" Color
Display



SOC SOH
Test



Internal
Resistance



Reverse
Protection



Overload
Protection

Advanced Internal Resistance Tech

Features cutting-edge measurement and proprietary algorithms to accurately analyze battery health with industry-exceeding precision.

Wide Battery Compatibility

Works with 6V/12V/24V, 100-2000CCA batteries, including Lead-acid, AGM Flat Plate, Spiral AGM, and GEL Types.

Comprehensive Performance Metrics

Measures Internal Resistance, Voltage, SOH, SOC, and CCA—delivering a complete battery performance profile.

Built-in Report Printing

Includes a thermal printer for instant paper reports. Ideal for record-keeping, sharing, and avoiding manual errors.

User-Friendly Operation

Designed for pros: Intuitive UI, Quick Workflow, High-accuracy Sensors, and reduced human error.

Rugged & Reliable Design

Durable industrial housing built for tough conditions. Tested for long-term stability and minimal maintenance.

Battery Tester - BM560/BM580

Support All 6V 12V Batteries Testing

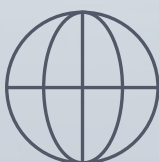
WIDE TESTING RANGE 100-2000CCA 2-220AH



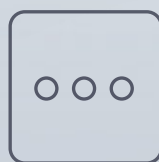
Scan QR code
watch demo video



Support 6V/12V



Various Languages



Multi-functional



Multiple Standards

Battery Tester - BM560/BM580

• Battery Analyzer

The BM560/BM580 battery tester utilizes an advanced calculation method to streamline diagnostics, aiming to prevent unnecessary hassles. Professionally designed and highly accurate, this battery tester evaluates both voltage and internal resistance to determine the battery's capacity and overall condition. This insightful analysis assists in making informed decisions about whether a battery requires replacement, providing a convenient and reliable battery testing solution.



Functions

Battery Test: Test battery SOH/SOC status, internal resistance, standard CCA, rated CCA and voltage value.

Startup Test: Test the start time and start voltage of the battery, judge the battery start ability.

Charging Test: Obtain the load and unload voltage, and whether the generator output is normal.

Loading Test: Detected the lowest voltage value to judge whether the load system is in good condition.

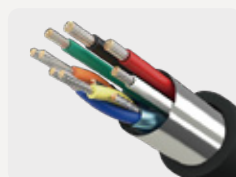
Waveform Monitoring: Indicate the real-time voltage change, save the playback automatically.



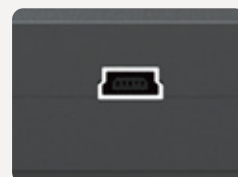
Silicone Buttons



Copper Plated Clip



High Quality Wire



USB Port

Reversible Access

If the positive and negative polarities are connected incorrectly, the device can still start normally without causing damage to the device or the battery.

Test Standards

CCA, IEC, EN, DIN, CA, BCI, MCA, SAE, GB, JIS.

Battery types

Ordinary Battery, EFB Battery, GEL Battery, AGM Spiral Battery, AGM Plate Battery.

Multi-language

English, French, Spanish, Italian, Portuguese, Russian, German, Polish, Japanese, Chinese(Simplified), Chinese(Traditional).

Screenshot

Effortlessly capture and store up to 10 pictures with fast and convenient access.

Professional Battery Tester - BM800

3IN1 With Printer, Designed As A Pro

ONE KEY INSTANT DETAILED REPORTS PRINT



Scan QR code
watch demo video



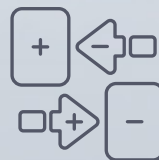
Compatible With
6V/12V/24V



Integrated
Printer



One-click
Report Printing



Reverse Connection
Testable Patent

Professional Battery Tester - BM800

• Battery Analyzer

BM800 Battery Tester with an Integrated Printer provides accurate analysis of your vehicle's battery health, offering stable and reliable performance. With just one key press, you can instantly print detailed reports, recording vital data like voltage, capacity, and starting ability. It supports 11 languages and boasts a user-friendly design suitable for both professional mechanics and hobbyists. Elevate your work efficiency, enhance customer satisfaction, and elevate your diagnostic capabilities !



Special Features



Over-voltage
Input Protection



Poor Contact
Indication



Buzzer
Alert



2.8" TFT
Color Screen



Customised
Message input

Product Function

- **Battery Test:** Get the battery SOH / SOC internal resistance, standard CCA, rated CCA, and voltage value.
- **Startup Test:** Obtain the battery's starting time, starting voltage, judge whether the battery's starting ability is normal.
- **Charging Test:** Obtain the load voltage and unload voltage, whether the generator output is normal.
- **Load Test:** Read the lowest voltage value to check whether the load system is good.
- **Waveform Monitoring:** Real-time display of the voltage floating size, automatic saving and waveform playback.
- **Analogue Multimeter:** Graphic and text combined form, including battery voltage test and charging system test.

Built-in Printer

Adopting thermal printing technology, no need to place the toner, to achieve one-key rapid printing of diagnostic reports.

Multi-functional keys

Long press<▲><▼>key to take screenshot; long press<↺>key to return to main menu.

Clock display

The clock will run normally even when the device is switched off.

Driver-free Upgrade

Use the USB interface to connect to the PC and copy the files to removable disk to complete the upgrade. No driver is required, compatible with multiple operating systems, free updates lifetime.



04



Circuit Probe

PRO SUPPLIER IN AUTO
DIAGNOSTICS



Smart Circuit Tester - CP03

All-in-One with Six Key Functions

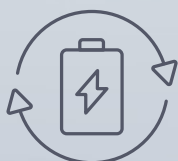
EASILY LOCATE FAULTS IN AUTOMOTIVE WIRING



Scan QR code
watch demo video



Smart & Portable



Energy Efficient



Multi-Scenario Use



Built-in Safety

Smart Circuit Tester - CP03

• Circuit Probe

The OBDResource CP03 Circuit Tester comes with an intelligent default mode. It automatically recognizes parameters like DC Voltage, Polarity, Resistance, and Continuity, displaying results live on the screen. Just power on the device and start testing—no manual switching required.

Key features



Intelligent
Measurement



Resistance
Measurement



Data
Retention



Illuminator
& Backlight



On-Off Test



DC Voltage



Full Auto Signal Recognition

Automatically detects DC Voltage, Polarity, Resistance, and Continuity as soon as the probe makes contact with a power source or resistor.

Data Hold Function

Locks the current reading on the screen with a single button press for easy recording and analysis.

Wide Voltage Detect Range

Measures DC voltage from 0.8V to 100V, ideal for testing automotive fuses, wiring, batteries, and ACC systems.

Auto Polarity Recognition

Identifies battery polarity automatically and displays a “-” sign for negative polarity to prevent incorrect connections.

High-Precision Resistance & Continuity Test

Offers a resistance measurement range of 1Ω to 20MΩ with a resolution as low as 0.01Ω (Low range) and up to 1kΩ (High range), overall accuracy +1%, meets professional-grade requirements.

Optimized for Low-Light Conditions

Features a backlit LCD and an integrated flashlight (Short-Press to toggle the backlight, Long-Press to activate the flashlight).

Portable Circuit Tester - CP10

Compatible With 0-80V Circuit Systems

5-METER CABLE CONNECTED TO REAR VEHICLE COMPONENTS



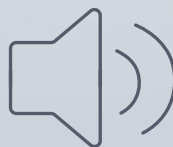
Scan QR code
watch demo video



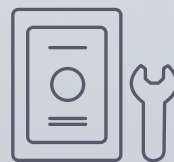
Segment LCD Display



Built-in LED Light



Audible Buzzer Alert



Removable Switch

Automotive Circuit Tester - CP10

• Circuit Probe

The CP10 is designed for diagnosing 12V-24V power circuits. With Reverse-Connection and Overload Protection, its probe enables Conductivity Checks, Polarity Detection, and Component Activation. It quickly identifies Shorts, Open Circuits, or Door Contact Issues, allowing for faster, more accurate diagnostics. This advanced tool streamlines troubleshooting and significantly boosts productivity.



Main Function



Voltage Test



Jumper Test



Polarity Test



Continuity Test



Diode Test



Short Circuit
Location



Ground
Detection



Component
Activation Test



Short Circuit
Protection

Product Usage Demonstration

Polarity Test: When the probe contacts a positive circuit, the Red LED lights up and the voltage value is displayed on the screen. If the probe contacts a negative circuit, the Green LED lights up and the buzzer sounds (the screen shows 0.0V).

Component Activation: The activation function can be used to energize components such as Starter Motors, Fuel Pumps, Solenoid Valves, Blowers, Cooling Fans, and Headlights.

Continuity Test: By using the probe tip and the auxiliary ground lead, continuity tests can be performed on disconnected wires and components within the vehicle's electrical system. If continuity is verified, the Green LED will illuminate.

Ground Test: Use the probe to touch the Negative terminal of a component. When the ground test is successful, the device's Green LED will light up.

Testing Trailer Lights & Connectors: Connect the device to the battery, attach the clip of the auxiliary ground lead to the trailer's ground point, and connect the probe to the socket of the trailer connector. Then press the (+) button to check the functionality and correct orientation of the trailer lights.

Jumper Function: With the black clip and the auxiliary ground lead connected directly through the device, and the Red clip disconnected from the vehicle battery, the device can be used as a long jumper cable.

Professional Circuit Tester - CP20

1.8" Color Screen & Detachable Probe

MULTI-FUNCTIONAL TOOL FOR EASY AUTOMOTIVE CIRCUIT DIAGNOSTICS



Scan QR code
watch demo video



Multimeter
Functionality



Oscilloscope
Capability



Rotatable
Display



Data Freeze
Feature

Professional Circuit Tester - CP20

• Circuit Probe

The CP20 is a new professional automotive circuit tester launched by OBDResource, designed for Portability, Precise Measurement, and eco-friendly materials. It features an optimized key switch design to minimize operational difficulties. The 1.8-inch color screen clearly displays test results even in the brightest sunlight. Supporting 0-80V voltage testing, it enables Component Activation, Short-Circuit tracing, Ground Detection, Diode Testing, Waveform Display, and more. Built-in Over-Temperature Protection, Auto-Reset Functionality, and User-Friendly Portability make it an essential tool for diagnostics.



Features & Functions



Polarity Test



Voltage Test



Diode Test



Quick Self-Test



Audible
Buzzer Alert



Overload
Protection



Detachable
Probe



Multi-vehicle
Compatibility



Multimeter
Function



Component
Activation & Test



Screen
Freeze Function



LED
Illumination



Built-in
Oscilloscope



Multi-language
Support



One-touch
Screen Rotation



Jumper Wire
Test



Short Circuit Tracing
& Localization



Trailer Light & Con-
nection Diagnostics



Continuity &
Ground Verification

LED Illumination

When connected to a storage battery, the device automatically turns on the LED light upon startup, illuminating the test area for easier operation. This feature can also be disabled individually in the settings.

Rotatable Screen

In Multimeter mode, all testing interfaces can be rotated by Long-Pressing the "OK" button, facilitating testing and viewing from multiple angles.

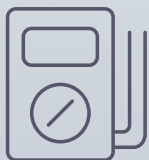
Multi-Language Support

English, French, Spanish, Italian, Russian, German, Portuguese, Polish, Japanese, Simplified Chinese, Traditional Chinese, and Czech.

Professional Circuit Tester - CP30

2.4-inch TFT High-Resolution Color Screen

VERSATILE TESTER FOR AUTOMOTIVE WIRING & CIRCUIT SIGNALS



Multimeter
Function



Oscilloscope
Function



Fuel Injector
Test



Component
Activation

Professional Circuit Tester - CP30

• Circuit Probe

The CP30 is a professional automotive circuit tester from OBDResource, newly launched in 2025. It features a 2.4-inch color screen that delivers sharp, vibrant visuals in a portable, eco-conscious design. Its optimized key layout integrates multiple functions into one compact device, ensuring precise measurements across a wide range of tests—including Voltage (0–80V), Component Activation, Short Circuit Tracing, Ground Verification, Diode Testing, Fuel Injector Analysis, Frequency and Duty Cycle Measurement, and Waveform Display. Built-in Overheat Protection, Auto-Reset Functionality, and a user-friendly design make the CP30 both portable and practical for daily use.



Supported Functions



Polarity Test



Diode Test



Quick Self-Test



Oscilloscope
Function



Screen
Data Hold



Audible
Buzzer Alert



Test Polarity
& Voltage



One-Key
Screen Rotation



Overload
Protection



Jumper
Wire Test



Continuity
& Ground
Verification



Short Circuit
Tracing
& Location



Frequency
& Duty
Cycle Display



Short Circuit
& Open
Circuit Test



Trailer Light
& Connection
Test



Component
Activation &
Testing

Fuel Injector Testing

4 preset modes plus a customizable option to simplify diagnosis of fuel injector issues.

Oscilloscope Functionality

Multiple oscilloscope modes for clear observation of various signal waveforms over time.

Multimeter Mode

Comprehensive circuit testing with 2.4-inch high-definition display for intuitive data visualization.

Multi-Vehicle Support

Compatible with most vehicles on the market including:

- Sedans/SUVs/Pickup Trucks
- Electric Bikes/Motorcycles
- Trucks and other commercial vehicles

Super Automotive Circuit Tester - CP40

2.4-inch TFT High-Resolution Color Screen

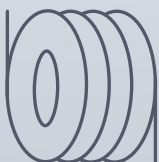
AN ALL-IN-ONE ESSENTIAL TOOL FOR VEHICLE MAINTENANCE



Scan QR code
watch demo video



4in1 Multifunction
Capability



10-meter
Extension Cable



2.4" Large
Color Display



Multi-language
Support

Professional Circuit Tester - CP40

• Circuit Probe

The CP40 is an all-in-one diagnostic solution that integrates Circuit Testing, Injector Testing, Multimeter, Oscilloscope, and Professional Battery Testing Capabilities. Engineered for high precision and rapid response, it delivers reliable performance in complex automotive repair scenarios. It is particularly user-friendly for injector servicing, offering convenient data acquisition and simulation features that simplify the entire troubleshooting process.



Main Functions

Battery Analysis:



Battery Test



Charge Test



Cranking Test



Load Test

Protection Features:



Short-Circuit Protection



Over-Temp Protection



Over-Current Protection



Overload Protection

Diagnostic Functions:



Circuit Testing



Oscilloscope



Injector Testing



Multimeter



Component Activation

Oscilloscope

Visualize and analyze electrical waveforms to measure a wide range of signals.

Injector Testing

Simulate output, acquire signals, analyze cleaning parameters, and graph waveforms for precise injector service.

Multimeter

Quickly test DC Voltage, Resistance, Diodes, Current, and Frequency.

Component Activation

Perform continuity and activation tests on components like bulbs, motors, and the ECU.

Battery Testing

Instantly check battery health by measuring voltage, internal resistance, and connection resistance.



05



Portable OBDII Adapter

FOB Key Programmer

PRO SUPPLIER IN AUTO
DIAGNOSTICS



Portable Bluetooth VCI Series

Automatically Connect To Start Diagnosis Easily

COMPATIBLE WITH IOS AND ANDROID PHONES



**Bluetooth VCI Dongle
- P01 -**



**Bluetooth VCI Dongle
- P02 -**



**Bluetooth VCI Dongle
- P03 -**



**Ultra-thin VCI Dongle
- P04 -**



Auto Connection



Multi-App Compatible



iOS Compatible



Dual Bluetooth Modules

Portable Bluetooth VCI Series

• Portable OBDII Adapter

Smart portable Bluetooth car diagnostic connector – empower yourself as your car expert! Swiftly link to your vehicle's diagnostic system, accessing real-time data for a thorough understanding of your vehicle's health. Lightweight and versatile, it fits numerous makes and models. Compatible with various software, it tackles complex issues and offers comprehensive vehicle health checks, ensuring a safer journey. Whether you're a car owner, mechanic, or enthusiast, it's an indispensable tool.

Main Functions



Read/Clear
Fault Codes



Mode 6
Test



Oxygen
Sensor Test



Battery
Test



Vehicle Maintenance (Data)



Smog
Detection



Trouble Light
Status



View Freeze
Frame



Live Data
Flow



Vehicle
Information

Bluetooth VCI Dongle - Model Comparison

Model



P01



P02



P03



P04

Color

Black

Red

Black

Brown (Transparent)

Chip

PIC18F25K80

PIC18F25K80

PIC18F25K80

STM208CBT6

Connector

16PIN OBD

16PIN OBD

16PIN OBD

16PIN OBD

Crystal Oscillator

4MHz

4MHz

4MHz

4MHz

LED Indicator Light

4

4

1

2

Firmware Upgrade

--

--

--

✓

Automatic Sleep

--

--

--

✓

Extended Instruction

--

--

--

✓

FOB Key Programmer - P403

Easy To Program GM Remote Smart Key

MULTIPLE KEYS CAN BE PROGRAMMED AT A TIME



Scan QR code
watch demo video



Add Remote Keys



No Token Limited



Easy To Use



Easy To Carry

Remote Key Programmer

• FOB Key Programmer

User-friendly GM FOB Remote Key Programmer, perfect for beginners. Easily program remote keys within minutes from your garage, saving you time and money compared to dealership visits. This programmer supports various General Motors part numbers, including GM15913415, 20869053, 20869963, 20952477, 22756459, 22936101, and 22951509. Enjoy the added benefit of unlimited usage with no token limitations. Efficient and cost-effective remote key programming at your fingertips.



Vehicle Coverage

Buick: Enclave 2008-2017;

Saturn: Outlook 2007-2010;

GMC: Yukon 2011-2014, Acadia 2007-2016;

Cadillac: Escalade 2008-2013;

Chevrolet: Cobalt 2008, Avalanche 2011, Suburban 2011-2014, Tahoe 2011-2014, Malibu 2005-2012, Traverse 2009-2016.

No Token Limited

Our key fob programmer offers unlimited token usage, allowing you to program multiple keyless fobs for different vehicles. The number of programmable keyless keys in a car depends on the car's token capacity, typically 6 or 9 tokens for various vehicles.

Plug & Play

This keyless entry transmitter accurately replicates the form and function of your original key fob, restoring full remote access to your vehicle.

Caution

In certain cases, key programming may trigger a code, even if performed at a dealer shop. Not to worry— a code reader can easily clear it.

Specifications

- Indicator light: Red indicator light
- Weight: 49g
- Product size: 53 x 26 x 98mm
- Connectors: 16PIN OBD
- Operating Temp: 0°C — 50°C
- Storage Temp: -20°C — 70°C



06



Injector Tester



Spark Plug Tester

PRO SUPPLIER IN AUTO
DIAGNOSTICS



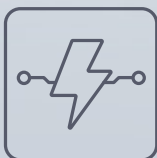
Fuel Injector Tester - IT200

Tests Two Fuel Injectors Simultaneously

COMPATIBLE WITH BOTH 5V AND 12V INJECTORS



Scan QR code
watch demo video



Dual-voltage
Support (5V/12V)



Dual-injector
Testing



Audible Buzzer
Alerts



Power by
Battery

Handheld Injector Tester - IT200

• Injector Tester

The IT200 portable dual-injector tester evaluates fuel injectors by applying preset frequency and pulse values, allowing users to observe operational performance and diagnose injector health. Compatible with both 5V and 12V injectors, it tests units individually to identify issues like Sticking, Leakage, or Burnout. Powered via DC Power Battery, its continuous operation mode enables injector diagnosis without engine operation. The IT200 can be integrated with any fuel pressure tester for comprehensive diagnostics.



Key Advantages



Five Testing Modes



Compatible with Diagnostic Testers



Supports Multiple Injector Types



HD Backlit Display for Clear Visibility



Customizable Parameter Settings



Intelligent Short-circuit Protection

Test Modes

Mode 1

Single Pulse – Low/High Voltage Output. Sends A pulse with a width of approximately 255ms.

Mode 2

Short Pulse – Low/High Voltage Output. Sends 50 pulses with a width of approximately 7ms each.

Mode 3

Long Pulse – Low/High Voltage Output. Sends 100 pulses with a width of approximately 3.5ms each.

Mode 4

Continuous Pulse – Low/High Voltage Output. Sends 50 pulses (each approx. 7ms wide) every 1450ms.

Mode 5

Custom Mode – Allows user-defined values: frequency (1Hz–50Hz), pulse width (1ms–50ms), and number of times (1 times–9999 times).

Technical Parameters

- Name: Fuel Injector Tester
- Display: Broken code screen
- Operating voltage: 8V–18V
- Operate Temp: 0°C — 40°C
- Model: IT200
- Power supply: 12V/2A
- Operating current: 0-8A
- Storage Temp: -20°C — 50°C

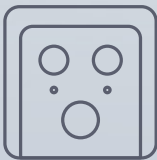
Spark Plug Tester - ST Series

Double Hole Simltaneous Test, 110/220V Inout

USER-FRIENDLY FOR NON-PROFESSIONALS



Scan QR code
watch demo video



Simple Design



Easy To Use



Powerful Energy



Durable

Spark Plug Tester - ST Series

• Spark Plug Tester

ST100 Auto Spark Plug Tester, designed for the automotive aftermarket. It swiftly and safely assesses spark plug performance, simulating real engine conditions. With dual-hole testing capabilities, it simultaneously examines both spark plugs, enabling precise comparisons to identify poorly performing plugs. This professional, dependable tool ensures efficiency, saving you valuable time.



Advantages



12V Spark Plug



Double-hole Test



3 Indicator Lights



Black Backplate Design (ST100 Pro)



US Plug Adapter



0-6000RPM

Indicator Lights

Featuring work and power indicator lights for real-time monitoring, ensuring an intuitive display of spark plug test status.

Wide Applications

Compatible with diverse 12V automotive spark plug specifications, offering a broad test range from 100V to 240V input voltage.

Easy to Operate

Includes a convenient power cord and plug for hassle-free operation. Place the spark plug in the hole, press the switch, and start testing.

Technical Parameters

- Name: Spark plug tester
- Power plug: EU/USA plug (optional)
- Speed: 0 - 6000rpm
- Size: 80 x 40 x 130mm
- Model: ST100/ST100 Pro
- Power supply: 100 - 240V
- Double hole: 13mm
- Weight: 380g



07



Brake Fluid Tester

Ignition Timing Tool

PRO SUPPLIER IN AUTO
DIAGNOSTICS



Brake Fluid Tester - BF Series

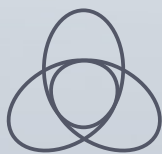
Applicable Oil DOT3 DOT4 DOT5.1



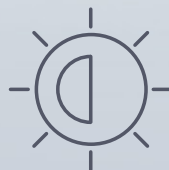
Scan QR code
watch demo video



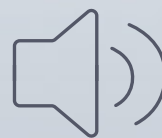
Auto Sleep



Tri-colour Indicator
(BF100)



Backlit Display
(BF200)



Buzzer Alert



LED Light

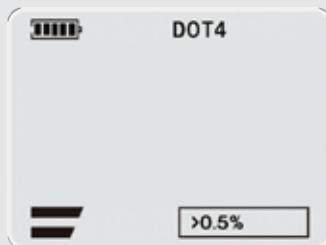
Brake Fluid Tester - BF Series

Brake fluid is a hydraulic fluid utilized in hydraulic brake and clutch systems of automobiles, motorcycles, and light trucks. After 1 year of use, its water content percentage increases. Excessive water content can weaken braking force and extend braking distance, posing a serious safety risk. The brake fluid detector is a handheld automotive testing device that assesses brake fluid quality by detecting water content, indicating when replacement is necessary.

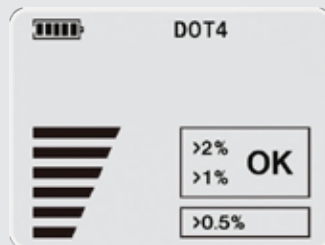
• Brake Fluid Tester



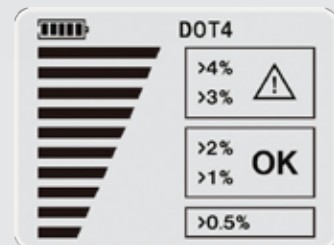
Brake Fluid Status Indication (BF200)



Good: Water Content $\leq 1\%$
In good status, it's safe for use.



Normal: Water Content $\leq 2\%$
You can keep using it.



Danger: Water Content $\geq 3\%$
Please change the brake fluid.

Wide Compatibility

Supports detection of multiple oil types, including DOT3, DOT4, and DOT5.1 brake fluids.

High-Precision Probe

Crafted from nickel-plated material for robust corrosion, oil and oxidation resistance, and includes a flashlight function.

Flexible Serpentine Hose

Features a durable metal universal hose with a total length of 11.02 inches, providing flexibility and ease of use.

Replaceable Battery

Easily replaceable with two AAA batteries for reliable power supply, ensuring continuous device functionality.

Engine Timing Light - N Series

Re-timing ignition To Get The Best Performance

STRONG FLASH DURABLE AND LONG-LASTING



Strong
Flash



Copper
Alligator Clips



Ergonomic
Handle



Sliding
Sensor Clip



Reverse
Protection

Engine Timing Light - N Series

• Ignition Timing Tool

This timing light tool works for both two-stroke and four-stroke gasoline engines for 12V ignition systems in vehicles, including automobiles, motorcycles, ATVs, RVs, and boats. It allows intuitive testing of ignition timing on the flywheel or belt pulley, facilitating precise adjustments. Additionally, it detects and adjusts the advance angle according to automotive knock suppression control systems and vacuum advance angle control systems, ensuring optimal performance.



Product Features

- Strong Flash
- Ergonomic Handle
- Reverse Polarity Protection
- Sliding Sensor Clip
- Overload Protection
- Strong Bite Alligator Clips
- Wide Application
- High-quality ABS Shell
- Vacuum Advance Angle Control
- Knock Suppression Control System

How to Use?

Step1: Attach timing light, Red to (+) Black to (-) Inductive to #1;
Step2: Start the engine to rise operating temperature;
Step3: Aim at the crankshaft scale of the pulley and pull the trigger;
Step4: Increase RPM then release to confirm timing.

Why Check the Ignition Timing?

Necessary Equipment: Accurate ignition timing is critical for engine operation. Extreme variations, whether too early or too late, can hinder starting the engine. With prolonged engine use and wear, factors like timing belt pulley wear or reduced cylinder pressure may necessitate recalibration of the ignition timing for optimal performance.

Wide Application

It works on 12V ignition systems, including automobiles, motorcycles, ATVs, RVs, boats and all two-stroke or four-stroke gasoline engines.

Ergonomic Handle

The handle pistol-type design of Ignition timing light is ergonomic and comfortable press keys, feels good, facilitates the operation.

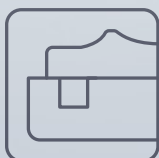
Professional Ignition Timing Tool - TL123

The Diagnostic Specialist for Your Engine's Health

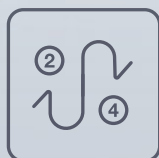
2.6" HD LCD BACKLIT DISPLAY FOR CLEAR READINGS



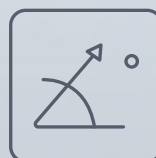
High-Brightness
Xenon Light



Highly Sensitive
Inductive Clamp



2 & 4-Stroke
Engines Supported



Adjustable
Viewing Angle

Digital Timing Light - TL123

• Ignition Timing Tool

This versatile tool integrates three essential functions — Voltage/RPM, Advance Angle, and Dwell Angle — into one intelligent device, while also monitoring battery voltage in real time. Its high-definition white backlit LCD ensures clear readability, day or night. Designed for universal compatibility, the N300 works seamlessly with both traditional and electronic ignition systems, supporting nearly all 2-stroke and 4-stroke engines.



Key Features

- Overload Protection
- Voltage Reading
- Reverse Polarity Protection
- Silicone Keypad
- One-Button Reset
- Dwell Angle Measurement
- Advance Angle Timing
- RPM Reading
- Switchable 2 / 4-Stroke Operation

Multifunctional Smart Measurement

4 modes: Voltage/RPM, Advance Angle, Dwell Angle, and Battery Voltage. Delivers comprehensive engine diagnostics through a single device.

Wide Ignition System Compatibility

Compatible with both 2-stroke (DIS) and 4-stroke engines. Works with conventional as well as electronic ignition systems.

Dwell Angle Measurement

Accurately measures dwell angle with multi-cylinder support. Helps tune the ignition system to its optimal state across various vehicle models.

Advance Angle Measurement & Zeroing

Measures and allows manual adjustment of the advance angle. Features angle zeroing function for simplified operation and more accurate calibration.

Battery & Charging System Monitoring

Displays real-time battery voltage and charging system status. Ensures reliable measurements and helps prevent electrical circuit failures.

Strobe Light Indicator

Flashing strobe icon provides intuitive indication of tool operation during use.



08



Super Breakout Box



Relay Tester

PRO SUPPLIER IN AUTO
DIAGNOSTICS



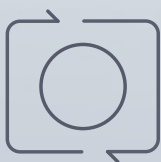
Super Breakout Box - BX100

Safe Guard Your Vehicle

EASY OPERATION & PLUG-AND- PLAY



Scan QR code
watch demo video



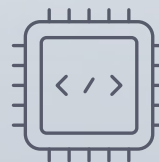
Two-in-One
Design



Pin Voltage
Display



Pin Status
Indicator



Constant Voltage
Programming Mode

Super Breakout Box - BX100

- Super Breakout Box

The BX100 is an OBDII multifunctional jumper tester designed for 12V or 24V automotive systems. It allows you to pre-check voltage levels at each pin of the diagnostic interface before connecting diagnostic devices. Use it to analyze communication line integrity, identify active communication pins, and configure downstream diagnostic tools accordingly. With built-in short-circuit protection and constant voltage support, it ensures stable and reliable ECU programming.



Six Key Features

- Easy connection to OBDII decoders
- Direct jumper testing for each pin
- Quick visual inspection of OBDII signal protocols
- Instant power status monitoring for OBDII ports
- 16-pin layout simulates standard OBDII interface
- Built-in input jacks for multimeters or oscilloscopes

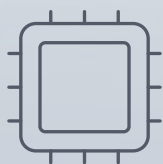
BX100 OBDII Tester – Key Features

- Supports 12V/24V input voltage.
- Displays K-Line and CAN-BUS signals; supports private protocol pin signals.
- Short-Circuit and Reverse Polarity Detection (#4 & #5 LEDs stay on if Shorted/Reversed).
- Check Voltage Values for Each Pin (click Select to switch pins, Long Press to reset).
- High/Low Voltage Alerts (buzzer warning for 12V/24V systems).
- Short-Circuit Protection for: external power supply, jumper cables, vehicle OBD/ECU ports, and decoder interfaces.
- 4 Power Modes: OBD port (8V-35V DC) / 12V DC 2A adapter / 24V DC 2A adapter.
- Voltage Stabilization for ECU Programming (prevents "bricking" during flashes).
- Millisecond-level short-circuit protection during operation.
- Maintains power during car battery replacement (NO RESET).
- Ultra-bright pin status LEDs, visible even in strong light.

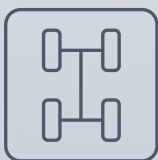
Automotive Relay Tester - RT911

2-in-1 Support for 12V/24V Relays

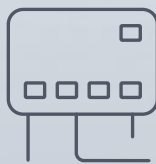
TESTS BOTH NORMALLY OPEN (NO) & NORMALLY CLOSED (NC) RELAYS



Tests 12V &
24V Relays



Compatible with 4-Pin
& 5-Pin Relays



Supports Both
NO & NC Types



Powered Via
Battery Clamps

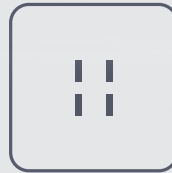
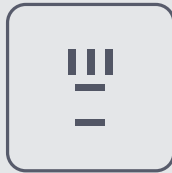
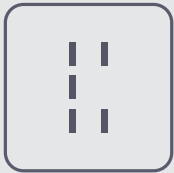
Automotive Relay Tester - RT911

• Automotive Relay Tester

A dual-function relay testing device that evaluates 12V/24V relays across four pin configurations to assess overall health and functionality. Compatible with both 4-Pin and 5-Pin relays, it checks Coil Integrity, Verifies Contact Operation, and Monitors Pin Configuration Timing during contact engagement/release. A green LED indicates a successful test, a red LED signals a fault.



Supports 4 Different Relay Pin Configurations



Operation Guide:



Toggle Switch Downward: Selects 5-Pin Relay Mode



Toggle Switch Upward: Selects 4-Pin Relay Mode

Power Requirements:



Test 12V Relays:
Connect to 12V Battery



Test 24V Relays:
Connect to 24V Battery

Automotive Relay Tester – RT100

Intelligently Identifies and Tests 12V/24V Relays

PORTABLE, PROFESSIONAL, AND SAFE NON-DESTRUCTIVE TESTING



Scan QR code
watch demo video



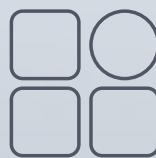
Smarter

Auto-detects
12V/24V Relays



Sleeker

All-new Minimalist
Design



Versatile

Compatible With
4/5-Pin Relays



Portable

Enables Wireless
Testing

Automotive Relay Tester – RT100

• Automotive Relay Tester

A professional relay testing device compatible with 4-pin and 5-pin relays. It tests 12V/24V relays across five pin configurations, automatically identifying them to assess overall health and functionality. The tool checks Relay Coil Integrity, Verifies Contact Operation, and Monitors Pin Configuration Timing during contact closure/release. A green LED indicates a successful test; a red LED signals a fault.



Supports 5 Different Relay Pin Configurations



Key Features:

- **Auto-Voltage Detection:** Automatically identifies and tests 12V/24V relays without manual selection (insert-and-test). Note: Most competitors only support 12V.
- **Wide Compatibility:** Works with 5 different pin configurations and over 20 relay types.
*Note: Competing models typically support only 3-4 pin types.
- **Universal Contact Testing:** Tests both normally Open (NO) and normally Closed (NC) relays without manual configuration. Note: Other products require manual contact-type identification.
- **Energy Efficient:** Auto-shutdown after 1 minute of inactivity (Zero Power Consumption). Features dual-color LED (green/red) + buzzer for real-time audio-visual feedback during operation.
- **Low Battery Alert:** Audible warning (DOUBLE BEEP every 5 seconds) + LED indicator when battery is low.
- **Pin Mode Toggle:** Switch between 4-pin and 5-pin testing modes. Same as industry standard.
- **Eco-Friendly Design:** Silicone-oil spray coating for enhanced grip and environmental sustainability.
- **Dual Power Options:**
Battery Powered: 3x AA batteries (no external battery clamps required). Note: Most competitors require bulky external power connections.

Type-C Support: Use with laptops, power banks, or adapters via Type-C cable for flexible testing.



09



Heavy Duty Scanner

PRO SUPPLIER IN AUTO
DIAGNOSTICS



Gasoline Diesel Code Reader - HD10

2in1 for 12V 24V Gasoline Diesel Vehicle

DIAGNOSTIC ALL SYSTEMS OF HEAVY-DUTY TRUCKS



Scan QR code
watch demo video



Read All Truck
Systems



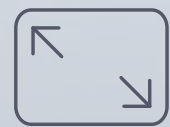
Automotive OBDII
Functions



Data Flow
Graphic Display



Built-in
Multi-language



2.4" TFT Color
Screen

2IN1 Code Reader - HD10

HD10 code reader is a versatile 2-in-1 scan tool designed for professional trucks and cars diagnostics. It offers comprehensive support for reading and clearing fault codes, accessing data streams, and retrieving vehicle information from all truck control modules. This cost-effective tool can potentially save you thousands of dollars annually on auto repair services. Additionally, it includes full OBDII diagnostic functionality for 12V engine systems, providing a complete understanding of your vehicle's performance.

• Heavy Duty Scanner



Features

Protocols: Support truck and car protocols included SAE J1939, SAE J1587/J1708, ISO 15675/14320, ISO 9141-2, SAE J1850.

CAN Node Detection Function: Can help you easily pass the annual electronic inspection test.

LIVE DATA: Real-time data detection, each dynamic ECU data at a glance.

DTC Lookup: You can quickly understand the meaning of the fault code and the reasons for it.

HD OBD Full Systems

Support ALL HD OBD Functions: Such as reading and clearing fault codes, real-time data streaming, reading vehicle information.

Powertrain Modules: Engine System, Transmission System, Battery Energy System, Wheel System, Diesel System, Cluster System, DPF System, Drive Line System, etc.

Suspension Modules: Tire Pressure Control, Braking System, Suspension System, Exhaust System, After Treatment Control Module System, etc.

Body Modules: ABS System, Instrument Panel System, Cabair Conditioning Vehicle Management System, Specialized System, Esp System, Body Control System, etc.

OBDII Full Functions

Supports full OBDII and EOBD functions such as Reading and Clearing Codes, Freeze Frame, Readiness (Smog Test), Data Flow, Oxygen Sensor, Fuel Evaporation Control System, etc.

Specifications

- Display: 2.4 inch TFT color screen
- Operate Temp: -10°C — 70°C
- External power supply: 11 — 30V
- Storage Temp: -30°C — 90°C
- Product size: 79 x 22 x 137mm

Diesel Code Reader - HD20

Support J1587 J1708 And J1939 Protocols

COMPATIBLE WITH ALL KINDS OF DIESEL VEHICLES



ALL Systems
Diagnostic



Data Waveform
Display



2.8" Color
Screen



Support
Update

Diesel Code Reader - HD20

• Heavy Duty Scanner

Introducing HD20 for Heavy Truck Diagnostics, a professional tool tailored for diesel vehicle diagnostics. HD20 supports J1708, J1587, and J1939 protocols, making it compatible with a wide range of diesel vehicles and engines. It offers special features such as system-wide diagnosis and programming, ensuring accurate results with comprehensive functionality. With a high-quality-to-price ratio, HD20 provides customized diagnostics for diesel vehicles.



Functions

Zeroing The Maintenance Light

Total Engine Speed Adjustment

Bosch Common Rail Relief Valve Open Time Reset

DPF Regeneration

Fault Code Clearing

Exhaust Brake Calibration

Read System Version Information

Maximum Speed Limit

Bosch Common Rail Pressure Relief Valve Open Count Reset

Electromagnetic Fan Calibration

Data Stream Waveform

Engine Acceleration Test

Data Flow Comparison

Injector Code Reading & Writing

Broken Cylinder Test

Write Injection Code QR Code

Compression Test

Oil Pump Learning

Data Stream Saving

Component Test

Read Data Stream

Fault Code Reading

Full Systems

This tool offers comprehensive diagnostic functions, including engine, after-treatment, body, transmission systems, and more.

Extensive Models

It covers a wide range of models, including Asian, European, American, and domestic heavy trucks, commercial vehicles, buses, engineering machinery, and agricultural machinery.

Engine Coverage

It includes comprehensive engine support for various Asian, European, American, and domestic engines like Cummins, Detroit, Hino, Mercedes-Benz, Weichai Xichai, and more.

All Engine Systems

This tool can test electronic control systems in diesel engines from different regions, such as Cummins, Bosch, Denso, Delphi, Continental Electronics, and more.

Special Functions

Enjoy additional functions like injector code writing, cylinder disconnection tests, and more.



10



Accessories

PRO SUPPLIER IN AUTO
DIAGNOSTICS



Gasoline Car OBDII Cable

- Pure Copper, Anti-Interference
- Durable PPC Material
- Standard 16-Pin Connector
- Five Wire Lengths Available
 - 200mm
 - 360mm
 - 600mm
 - 1000mm
 - 1500mm



Gas Car OBDII Cable - Flexible

- Pure Copper, Fast & Smooth
- Thick Nylon, Sturdy & Durable
- Bendable, Standard 16-Pin
- Waterproof, Anti-High-Temp
- Two Cord Lengths Available
 - 360mm
 - 600mm



OBDII Extension Cable

- Pure Copper Wire, Faster Transmission
- PPC Material, Sturdy And Durable
- Lightweight, Safe And Easy To Carry
- Standard 16pin Adapter
- Cable Length Size -- 600mm



OBDII Extension Cable - One Male to Two Female

- Pure Copper Wire, Faster Transmission
- Ppc Material, Sturdy And Durable
- Lightweight And Easy To Carry
- Able To Switch Tale And Female Port
- Standard 16pin Connector
- Line Length -- 600mm





Customize OEM & ODM Solutions

Crafting personalized

- Catering to distinct requirements, deliver an array of exclusive, tailor-made options for diverse clienteles and brands:



Exterior



LOGO



Color



Function

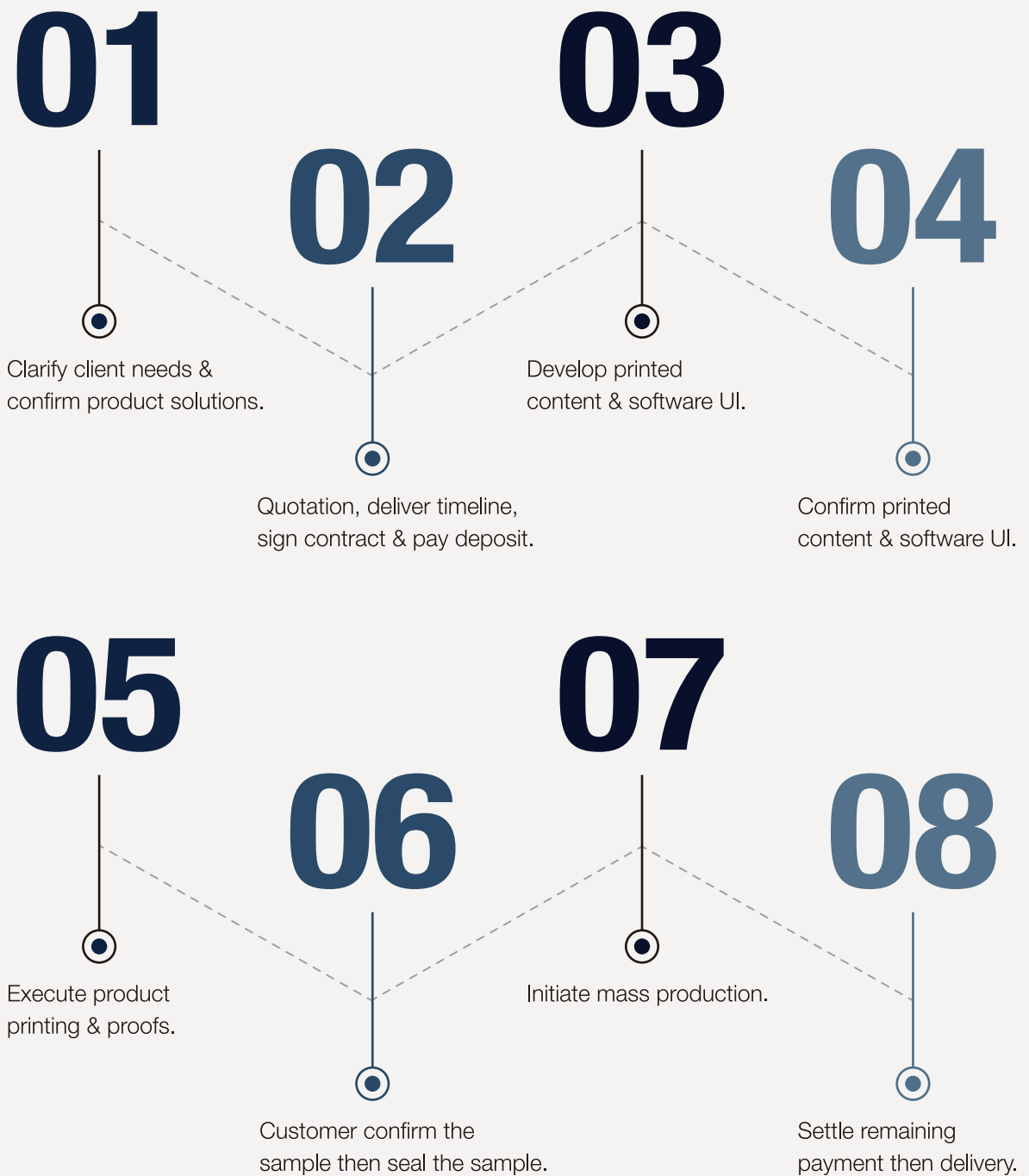


Design

Our Edge

- **Expertise:** Leverage seasoned design team for bespoke results.
- **Ingenuity:** Autonomous R&D, diverse product aesthetics, abundant choices at your disposal.
- **Competitive Pricing:** Source-manufacturing benefits yield cost advantage.
- **Swiftness:** Heightened production efficiency, truncated timelines.
- **Quality:** Years of production prowess ensuring stable, guaranteed product excellence.

Customization Procedure



Note: Customized product production duration varies based on printing techniques and materials.

OBDResource Electronics Co.,LTD.



OBDResource Official Website

Address: Xinniu Community, Longhua District,
Shenzhen, CN

URL: www.obdresource.cn

Phone: +86-755-29071623

Email: info@obdresource.com