VXDAS VSP200 Vehicle Super Probe Circuit Tester Kit

CIRCUIT TESTER
Quickly and accurately identify the line fault

CHECK MORE

VSP200

Automotive Circuit Scanner Expert

The circuit tester power scan kit is the most revolutionary circuit tester to date, featuring AVOmeter, test light, built -in flashlight, short circuit indicator, relay/component tester, continuity tester and bad groud indicator, the power scan is truly the ultimate in power and affordability, allowing users to check circuitry in one single step. An absolute must for every technician looking for a fast and accurate solution to electrical systems diagnostics.

vps200 Power Scanner

Package Including:
- 1pc x VSP 200 main unit
- 1pc x User manual
- 1pc x Cigarette lighter adapter
- 1pc x Battery hookup clips
- 1pc x Probe tip
- 1pc x 20FT. extension cable
- 1pc x Rugged blow molded case

Test Tool Specifications
- DC voltage range: 0-65V +1digit
- Resistance range: 0-100 kΩ
- Frequency response of tone pass through 0Hz to 10Khz
- Circuit Breaker
- Rating current: 1-10 Amp
- Testing Standard:
  100% current: Hold > 1 hour
  150% current: trip in one hour
  200% current: trip in 5-30 seconds
  300% current: trip in 0.5-4.0 seconds

More information
Check More>>

Packing List
1. User Manual
2. Cigarette Lighter Adapter
3. Battery Hookup Clips
4. Probe Tip
5. Extension Cable (20ft)
6. Rugged Molded Case
7. Power Assist Cable

VXDAS VSP200 Super Probe

- **DC Voltage Range:** 0-65V + 1 digit
- **Resistance Range :** 0-100 kΩ
- **Rating Current :** 1-10 Amp
- **Frequency Response Of Tone:** 0Hz to 10Khz

Testing Standard:
-100% current: Hold > 1hour
-150% current: trip in one hour
-200% current: trip in 3-30 seconds
-300% current: trip in 0.5-4.0 seconds

Using the same caution as you would while using an arc welder.

Voltage & Plarity Testing
While the VSP200 is in Power Probe Mode, contact the probe tip to a POSITIVE circuit. The red positive sign "+" LED w...

Continuity Testing
While the VSP200 is in Power Probe Mode, and by using the Power Probe tip in connection with chassis groun....

ACTIVATING ELECTRICAL COMPONENTS W/GROUND
ACTIVATING ELECTRICAL COMPONENTSW/GROUND (P-PM)Contact the probe tip to the negative terminal of the compon..

TESTING TRAILER LIGHTS AND CONNECTIONS
1. Connect the PP3 to a good battery. 2. Clip the auxliary ground clip to the trailer ground...

Activating Components In Your Hand
Don't connect the vehicle power vxp200 directly activating components.

Check More>>
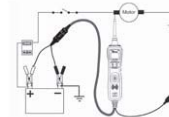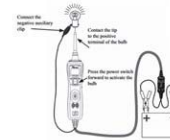
Activating Components In Vehicle
Test your components on the vehicle.

Check More>>

Signal Circuit Testing
Once you extract a DTC from the vehicle and realize that troubleshooting begin with some kind of sensor circuit, there is a quick test you can perform to verify the code. Testing your sensor is easy while using the tool

Check More>>

| MAX | 12.4 | Freq | Hz |
| Min | 0.2 | 50 | |
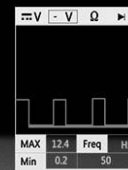
Number Of Functions
- Checking for Bad Ground Contacts
- Follow & Locating Short Circuits
- Testing Trailer Lights and Connections

More function
Check More>>

EFI2100 Engine Fuel System Analyzer

Diagnose auto fuel system without road test

A Unique combined pressure and flow gauge for the easy testing of both injection supply pressure and flow. Other tools offer only the ability of measuring pressure, which by itself can be misleading, any Diagnostic technician worth his salt will tell you that flow testing is at least as important as pressure testing, neglect it and perform only a pressure test and you may well miss the problem.

Modern EFI systems are designed to ensure that engines operate at the ideal air/fuel ratio to maximize engine performance and longevity whilst minimizing fuel consumption and exhaust emissions. To achieve this, accurate control over both fuel pressure and flow rates are essential and should be verified at each service interval.
The Fuel System Analyser quickly and accurately tests the entire fuel delivery system identifying unacceptable fuel pressures, inadequate fuel flow, fuel aeration, incorrect manifold vacuum and internal leakages

Simultaneously with the engine running.
Various connectors, fit for most common cars.

- Blocked Exhausts
- Blocked Fuel Filters
- Leaking Fuel Injectors
- Water Contaminated Fuel
- Faulty High Volume Pumps
- Faulty Low Volume Pumps
- Leaking Non-Return Valves
- Restricted Pre-Pump Strainers
- Faulty Fuel Pressure Regulators
- Aerated and/or Vapour Locked Fuel

**Test & Prove All of the Above
With One Tool!**

Function

1. Fuel pressure test
2. Fuel flow test
3. Engine intake manifold vacuum test
4. Backpressure in exhaust manifold test

Specifications

1. Range of fuel pressure: 0~800Kpa
2. Range of fuel flow: 0.5~3L/Min
3. Range of engine vacuum: -100~0Kpa
4. Range of backpressure: 0~60Kpa
5. Weight: 3.3Kg
6. Dimensions: 431 x 374 x 115 mm

How to use

1 — Fuel pipes
2 — Disconnect the fuel pipes
3 — Connect the two adapter connectors (in the kit) to the fuel pipes
4 — Connect Fuel System Tester to the adapter connectors

Ignition Coil Tester

As we know, all petrol engines' ignition systems comprises of a single ignition coil, high tension cables for older vehicles or newer types: Coil On Plug (COP), Coil Near Plug (CNP) or Double Ended Coil on Plug (DECOP or waste spark), with or without distributors, spark plugs, etc. Amongst all, the ignition coil is the heart of the system that produces the vital high energy sparks that give rise to combustion.

Surveys have shown that about 30% of all engine problems were as a result of ignition systems faults.

To diagnose the condition of these high tension coils can be difficult if it is weak and there is a leak internally. Without proper tools to assist, this diagnosis can be difficult.

With the introduction of this Ignition Coil Tester, checking conditions of various types of ignition coils has been made easier.

This ignition coil tester can automatically distinguish the type of ignition coil that is being tested and will auto-switch its operation mode.

The simulation speed control can be adjusted from 180 to 12000 RPM to test the coil under all speed conditions.

Simple operation:

Connect power to a 12V car battery and the power LED will light up.
Insert the yellow banana plug to the yellow socket and connect the cable to the control terminal of the ignition coil.
Hook up the spark tester to the ignition coil.
Turn ON the frequency knob and adjust the frequency from low to high (clockwise).
Turn back to low frequency and observe the spark colour which should be bluish purple.
Increase the frequency gradually and observe the spark line.
It should be in a straight line when NORMAL. If the spark line is curved, it indicates that the coil is aging or there is an internal leakage.
Turn to maximum frequency until the coil is slightly warm, then turn down the frequency and observe the spark line to see whether it is continuous or intermittent. If arcing sound can be heard but no spark, this indicates that there is an internal leakage.
Use Ignition Leak Checker to detect the source of the leak
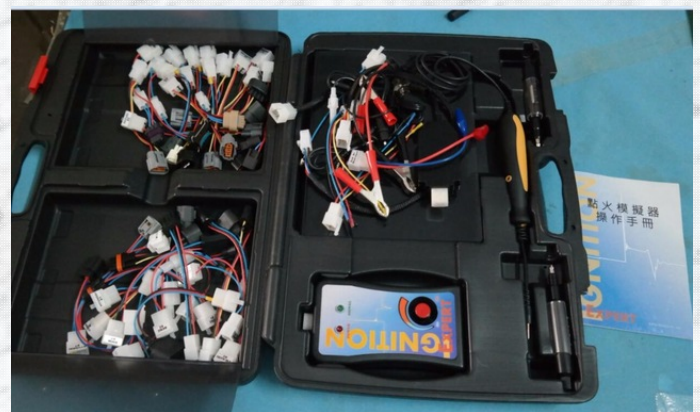
Autel Maxivideo MV400 Digital Inspection Diagnostic Videoscope Camera

Maxivideo MV400

This premier Autel MaxiVideo MV400 digital videoscope is an ideal tool for examining difficult- to- reach areas normally hidden from sight. It features the ability to record dig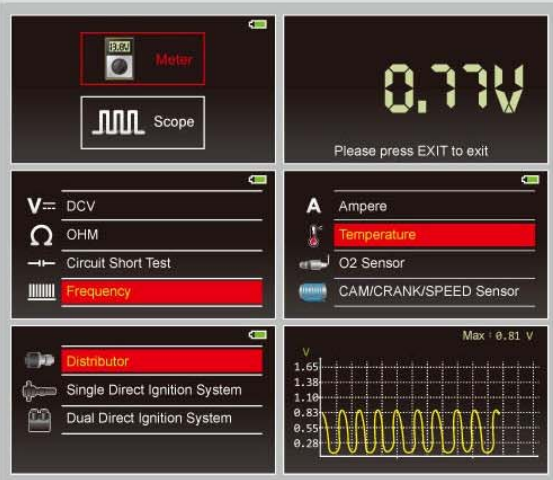ital still images and MPEG2 or MPEG1 videos either on its internal flash memory or on the removable Micro SD Card (Optional). The ergonomic tool not only features a 3.5" full color LCD screen, auto focus and viewing capacity as close as 1" with crystal clear output, but also offers the capability to stream digital video directly to a PC. The Multipurpose Videoscope is an economical solution to inspect machinery, facilities and infrastructure in the safest, quickest and most cost-effective manner possible.

Features
- Records and plays back still images and video clips
- 3.5 " high resolution full color LCD display (320x240)
- Easy-to-use, multi-language interface
- Wide camera angle for images with 640x480 resolution
- With optional removable Micro SD cards, saves images and videos to take with anywhere
- On-screen horizontal/vertical reverse
- 5x digital zoom for increased viewing
- Mini USB connector for uploading images and videos to a computer
- Narrow probe diameter available in either 8.5mm(0.33") or 5.5mm(0.22") and fits most spark plug holes
- White LED to illuminate the inspection area, with illumination control
- Views objects as close as 1"
- Oil and scratch resistant tempered glass lens
- 1M (39.4") semi-rigid, but flexible watertight shaft
- Built-in rechargeable Li-ion battery with up to 3-4 hours of continuous use
- Ergonomic and durable tool housing
- One-year limited warranty

Inverter Intelligent Programming Charger Power Supply

Features

- Inverter energy-saving and environment-friendly intelligent programming charging power supply, yellow green screen backlight digital liquid crystal display, a new advanced charging power supply with automatic detection, automatic charging, automatic maintenance, intelligent programming.

- Overvoltage and overcurrent protection, power failure alarm, short circuit protection, polarity reverse connection protection, high temperature alarm, automatic battery repair, etc. during charging

- It can detect and repair different types of batteries, and is suitable for advanced charging equipment in automobile repair stations and maintenance workshops.

- In and out vehicle pulse charging and battery repair.

- Works with ordinary, EFB, AGM and GEL batteries.

- It can be used in vehicles during static state maintenance, inspection and electronic control system programming. To prevent vehicle programming or other tests, the battery is too low to damage the vehicle control components and data loss.

- Voltage value (13.5V-16V) for programming can be adjusted according to different vehicle requirements.

- Non-sparking, reverse polarity protection, dedicated charging curve for all battery technologies, charge acceptance detection

- Extra large radiator (on 150A and 100A models) makes the performance more stable when using the machine for a long time

Technical Parameters

CVS150A-12H

Input voltage: AC200-240V 50/60HZ
Input power: 1800W
Maximum effective current: 150A
Charging voltage: 12V
Programming mode: 2-16V/2-100A
Battery capacity: 10 ~ 1800Ah
Size: 43*35*14cm
Weight: 8.6kg

CVS100A-12H

Input voltage: AC200-240V 50/60HZ
Input power: 1200W
Maximum effective current: 100A
Charging voltage: 12V
Programming mode: 2-16V/2-100A
Battery capacity: 10 ~ 1200Ah
Size: 43*35*14cm
Weight: 8.5kg

CVS70A-12H

Input voltage: AC200-240V 50/60HZ
Input power: 850W
Maximum effective current: 70A
Charging voltage: 12V
Programming mode: 2-16V/2-100A
Battery capacity: 10 ~ 1000Ah
Size: 38*32*12cm
Weight: 6kg

scaN Zed

AUTOLAND® SCIENTECH

Service On-Demand (SOD)

Service On Demand is an unique function provides solution remotely for programming, coding, and repair guide.

IMS2 Interface Module Simulation System

Interface Module Simulation function for working with OEM software
Coverage:
MERCEDES-BENZ, BMW, PORSCHE, VASS, JLR (JAGUAR, LANDROVER), VOLVO, TOYOTA, GM, FORD (PROGRAMMING ONLY)

J2534 Compatible Interface

Compatible with JAGUAR, LANDROVER, VOLVO, TOYOTA, GM, and FORD (programming only) J2534 function.

Special Functions

Offline Programming Capability function for MERCEDES-BENZ, BMW, PORSCHE, LANDROVER, FORD, MAZDA

iSCAN 3 — DIAGNOSTIC SCANNER 3

State-of-the-art Hardware Design

- 10.1 inch IPS High Resolution Touch Screen
- Wireless internet connection for software updates
- Wireless printing capability
- Built-in remote control and support availability
- External memory storage compatibility

User Friendly Interface

- Graphical Menus
- Data comparison for analysis
- Oscillogram presentation for easy problem identification
- Instant search for online database from fault code page

Available as a stand alone kit with or without IMS2 and with or without OBD1 adapters.

Also available as a Trade-In kit with or without IMS2 and with or without OBD1 adapters.

Give Ed a call to see which system is suitable for your workshop.

JDiag Elite II...

JDiag Elite II Pro is a professional programming tool which can fully support the international programming protocols SAE J2534-1 and J2534-2, can support ECU programming for hundreds of models from dozens car brands, it has powerful functions, stable performance, professional intelligence, is the best choice for the comprehensive vehicle maintenance shop to do the high-ranking professional vehicle diagnosis and programming.

Main functions:

1. Fully compatible with both SAE J2534-1 and J2534-2 reprogramming standards, support car single module/whole car programming, record the database of interrupt programming and other special functions can effectively prevent the system to be crash.

2. Compatible with Land Rover, Jaguar, Mercedes-Benz, Volvo, Toyota, GM, Ford and other cars for OEM diagnostics, can support hundreds of models of dozens car brands from imports/joint ventures for diagnostic, fast and intelligent.

3. Replace the VCI Bluetooth converter directly by using wireless WIFI, cable and other ways to connect with the JDiag diagnostic computer for diagnosis, can do testing via a variety of connection methods, very flexible and convenient;

4. Using high-quality materials, design is solid and strong, wear-resistant wear, more durable, diagnostic interface is made by aluminium alloy, computer is using industrial materials, can meet the three anti-military functional requirements;

Product advantages:

It is a multi-check, highly integrated computer diagnostic tester, the products in current market can only support single-brand diagnostic or programming, even if there are some products can work with different brands of cars, but only can do diagnostic, not able to do programming;

AUTEL® MaxiSys MS906BT

MaxiSys MS906BT

MaxiSys MS906BT is the latest addition to the MaxiSys product line of advanced wireless diagnostic devices. The device is based on the Android operating system featured with the best possible coverage of OE-level diagnostics and ECU coding capability. Utilizing the powerful Exynos 5260 6-core processor (1.3 GHz quad-core ARM Cortex-A7 + 1.7 GHz dual-core ARM Cortex-A15), an 8″ capacitive HD touch screen, and long-distance wireless communication, the MaxiSys MS906BT efficiently provides comprehensive vehicle diagnostics and analysis.

MaxiSys MS906BT Features:

Extraordinarily powerful Samsung Exynos Hexa-core processor
8.0″ 1024x768 LED-backlit glossy Multi-Touch capacitive display with IPS technology for ultra-mobility
Internal reliable 32GB SSD for better performance
Built-in 8-megapixel rear camera with autofocus and flashlight
802.11b/g/n Wi-Fi to access your favorite web resources
unique ergonomic design with rubberized outer protection and a rugged internal housing
Built-in rechargeable lithium-polymer battery for up to 14 hours of continuous operation
USB, audio and auxiliary ports make it easy to connect accessories
Open source Android Operating System for fast boot-up and multitasking
Easy and intuitive navigation makes finding what you need simple and fast
The most extensive complete system coverage for more than 80 US, Asian and European makes and models
Exceptional OE-Level functionality from comprehensive OBDII diagnostics & services to advanced ECU coding
Complete capabilities for codes, live data, active test, ECU information, adaptation, matching, coding etc.
Smart AutoVIN technology for identifying vehicle easily
Automatic system and software updates with real-time push message notifications via internet
Instant remote control tech support anytime, anywhere
Cloud-based MaxiFix online community provides a vast database of diagnostic and repair tips and proven filed fixes
Interactive Data Logging sessions enable direct contact with Autel Technical Support for first-hand troubleshooting of diagnostic bugs and errors
One-stop multitasking designed for ideal management of workshop operations to keep all data files, customer info, and vehicle records well organized
Enhanced wireless BT connectivity between the display tablet and VCI device allows greater mobility and ease at work
Convenient data management system for managing internal program applications and reviewing data

MS906BT Basic Diagnostic Functions:
Oil Reset, EPB (Electric Parking Brake), TPMS, BMS (Battery Management System), Seats, Odometer, Brake Bleed, DPF (Diesel Particulate Filter System), Immo Keys, Injector, CHG tire size, TEC learn, SAS (Steering Angle Sensor Calibration), Suspension, Throttle, WIN OR ROOF, Language Change, Headlamp

Special Functions:

1.Service Functions
Doing regular and routine maintenance on a modern car is impossible without a diagnostic system. Even the simplest procedures require the participation of an auto scanner. That's why Autel engineers have been working on them and making them as user-friendly as possible in the new MaxiSys MS906BT. Now you can easily do functions like:
Reset and install service intervals
Reset the oil change calculator in the engine and automatic transmission
Replacement of brake pads on vehicles with an electric parking brake
Adaptation of the sensor to the angular position of the steering wheel
Regeneration of particulate filter
Bleeding brake system with ABS, etc.

2.Digital and Graphical Display of Parameters
Using MaxiSys you can display the parameters of the system conveniently. Some parameters are more likely to be monitored in analog form, for example, pressure. Some parameters are more conveniently viewed in graphical form, by observing their change in time (potentiometers, oxygen sensor). Some parameters must be displayed in the graph to observe changes relative to each other (for example, air mass flow and engine speed). Only in MaxiSys all these ways of displaying are available for all parameters and all components, regardless of the makes and models of the car.

3.Special Tests
The actuators are not always visually visible or too complex to assess their performance with organoleptic (eyes, ears) methods through normal activation. That's why the test-components are implemented in MaxiSys scanners. Test-components will allow you to include special test modes in the computer, in which the electronic system itself creates conditions for verification and evaluates its results with further recommendations to the expert

4.Adaptation and Initialization
After replacement, for repair or cleaning of some sensors and many actuators of electronic systems, an adaptation or initialization procedure is required. When performing this procedure, the basic values of their work, the reference point, are established. In a modern car, there are many such elements that require similar procedures, which makes these functions vital for the service. In MaxiSys systems, these procedures are presented at the dealer level.

5.ECU Coding
Coding functions are usually used by advanced specialists. Coding is conditionally divided into two types:

The first is the computer coding during replacement, commissioning, used to install a new computer in the car. When performing the procedure, the computer is informed of vehicle's VIN, the configuration and other information necessary for correct operation.

The second is the coding of the computer for tuning the body electronics to the user, usually the BCM. The procedure will allow you to offer the customer individual customization of the car for him, locking the doors, setting alarms, the function "lead to home", setting the salon and outdoor lighting, etc

AUTEL — MaxiSys Elite

Powerful and Efficient:

The MaxiSys Elite, the newest addition to the MaxiSys line of highly advanced smart diagnostic tools, is based on the fast and intuitive Android operating system. Powered by NVIDIA's Tegra® 4, the world's fastest mobile processor, its visually stunning 9.7" Retina display offers ultra-high resolutions up to 2048x1536 and an optimized array of sophisticated and powerful applications. The MaxiSys Elite rapidly performs every job from comprehensive vehicle diagnostics & analysis to advanced ECU programming. 2x faster than any comparable device, the MaxiSys Elite provides extended battery life and intelligent power saving. The MaxiSys Elite offers a super-sensitive capacitive screen able to respond to gloved, moistened, and even greasy fingers! The ergonomically angled docking station provides optimum visibility and convenient charging that eliminates power concerns.

How To Use The Autel Elite:

When reprogramming onboard, always make sure the vehicle battery is fully charged and in good working condition. During reprogramming there is a risk of having the operation failure if voltage falls below the proper operating voltage. Sometimes a failed operation can be recovered, but there is a chance that failed reprogramming could ruin the control module. We recommend connecting an external battery charger to the vehicle to ensure a successful operation.

1. AUTEL Elite itself has already supported ECU programming function for BENZ and BMW cars, if you need to get support for more car models, you must use J2534 device along with OEM software to implement this function. J2534 Devicecan not only use with Autel MaxiSys Elite , but also can work on other OEM software.

2. Using additional OEM software, the MaxiFlash Pro can be used as a Pass-Thru diagnostics tool as well, which allows users to read and clear Diagnostic Trouble Codes (DTCs) and data log PIDS, collect sensor data and log generic OBDII data etc.

MaxiSys Elite Features:

1. The most extensive complete system coverage for more than 80 US domestic, Asian and European makes and models   2. Exceptional OE-Level functionality from comprehensive OBDII diagnostics & services to advanced ECU coding and programming   .   3. Uniquely integrated vehicle programming capabilities working with a SAE J2534-1 & -2 compliant vehicle programming pass-thru interface   4. Automatic system and software updates with real-time push message notifications via internet   5. Instant remote control tech support anytime, anywhere   6. Interactive Data Logging sessions enable direct contact with Autel Support for first-hand troubleshooting of diagnostic bugs and errors   7. One-stop multitasking designed for ideal management of workshop operations to keep all data files, customer info, and vehicle records well organized
8. Unique ergonomic design with rubberized outer protection and a rugged internal housing   9. Hardware running speed is twice than Maxisys MS908P.

Powerful and Efficient:

The MaxiSys Elite sets a new global speed standard for diagnostic scanners. The uncompromising NVIDIA Tegra4-PLUS-1 quad-core 1.8GHz processor and 32GB solid state hard drive provide unsurpassed boot up times in today's diagnostic market. Autel's MaxiSys Elite is the most efficient scanner featuring progressive technologies like the Auto VIN Scan & Wi-Fi Data Logging inside a very intuitive and user-friendly interface design.

Mobile-So You Can Be Free

The MaxiSys Elite is mobile perfection. Autel's newest 9.7inch powerhouse offers a streamlined unibody design and the world's most advanced BT to handle. Using Ver.2.1 3Mbs BT, the world's most advanced wireless technology, and the newest 802.11ac Wi-Fi at 3X the speed of the previous generation, the Elite seamlessly and simultaneously performs vehicle diagnosis and service, while providing remote-control tech support access 24/7. Additionally, the Elite brings cloud data to your fingertips via the unique MaxiFix platform, allowing you to work more quickly and with greater freedom than ever before.

Operating System	Android 4.4.4 KitKat
Processor	NVIDIA Tegra® 4 (4-PLUS-1 Quad-core Processor) 1.8GHz with ARM Cortex – A15 CPU
Memory	2GB RAM & 32GB Embedded Memory
Display	9.7" Retina display with 2048X1536 resolution & Capacitive touch screen
Connectivity	802.11a/b/g/n/ac WIFI Version 2.1 3Mbs Bluetooth RJ45 Ethernet Connection 3.0 USB (2.0 Compatible) HDMI 1.4a SD Card (Support up to 32GB)
Camera	Rear: 8.0 Megapixel, Autofocus with Flashlight Front: 2.0 Megapixel
Sensors	Ambient Light Sensor, G-sensor
Audio Input/Output	Microphone Dual Speakers 3-Band 3.5 mm stereo/standard headset jack
Power and Battery	3.7V/13600mAH Lithium-polymer battery DC/12V/3A Power Supply
Input Voltage	DC/12V/3A
Power Consumption	Max 20W
Operating Temperature	-10 to +55°C
Storage Temperature	-20 to +70°C
Dimensions (W x H x D)	309 X 225 X 35 (mm)
Weight	1.59 kg
Protocols	ISO 9142-2, ISO 14230-2, ISO 15765-4, K/L lins, Flashing Code, SAE-J1850 VPW, SAE-J1850 PWM, CAN ISO 11898, Highspeed, Middlespeed, Lowspeed and Singlewire CAN, GM UART, UART Echo Byte Protocol, Honda Diag-H Protocol, TP 2.0, TP 1.6, SAE J1939, SAE J1708V

AUTEL® MaxiSys MS908CV

SUPER DURABLE
The New Material is Durable

MaxiSys CV

As a new member of Autel's MaxiSys family, the MaxiSys CV is built on the powerful MaxiSys 908 platform and provides a comprehensive diagnostic solution for virtually all commercial vehicles as well as machines made in North America, Europe and Asia. Offering advanced features and extreme ease-of-use, MaxiSys CV is the ideal solution for independent repair shops, owner-operators and various sized fleets seeking a single scan tool for all their professional heavy duty needs.

Coverage for Light Duty / Medium Duty / Heavy Duty (1996-present) Expert
Alison, Bendix, Caterpillar, Cummins, International, Detroit, PACCAR, VOLVO, Freightliner, Wabco, ZF Meritor, MERCEDESBENZ, Bosch auto, PowerStroke, AISIN,IVECO, Mack, Eaton, MTU, MWM

Buses
OBD, VOLVO, AGRALE, HINO, ISUZU, MERCEDES BENZ, MITSUBISHI FUSO, VOLKSWAGEN, TOYOTA, RENAULT,

Trucks
VOLVO, AGRALE, AUTOCAR, CAPACITY, Dodge, FIAT, FORD, FOTON, Freightliner, GMC, GREAT WALL, HINO, HYUNDAI, ISUZU, KIA, MERCEDES BENZ, MITSUBISHI, MITSUBISHI FUSO, NISSAN, Sterling,International, IVECO, VOLKSWAGEN, Kenworth, Mack, Peterbilt, WORKHORSE, WESTERN STAR, SETRA, UD, Renault

Supported Protocols
SAE J1939, SAEJ1708, Manufacture-defined Protocol J1939, Manufacture-defined J1708, KWP, VPW, UDS-CAN, CDL

Autel MAXISYS MS908CV Hardware
1.9.7" 1024x768 LED-backlit glossy Multi Touch capacitive display with IPS technology
2.Extraordinarily powerful Cortex-A9 quad-core processor
3.The VCI connects to the main unit wirelessly with up to 230 meters working range
4.Camera (rear) Rear-facing, 5.0 Mexgapixel, AF with Flashlight
5.Internal reliable and fast 32GB Solid State Drive for better performance
6.Dual-band (2.4 GHz & 5.0 GHz) 802.11n Wi-Fi to access your favorite web resources
7.Unique shop tough ergonomic design features strong rubber protection and housing;
8.Built-in rechargeable lithium-ion battery for up to 8 hours of continuous operation
9.USB, audio and auxiliary ports make it easy to connect accessories

Autel MAXISYS MS908CV Software
1.Open source Android Operating System for fast boot-up and multitasking
2.Complete function capability including live data, ECU coding, actuation tests, adaptations and so many others;
3.Displays live data in text, graph, analog and digital gauge for easy data review and analysis
4.Remote technical support for convenient demonstration, training and increased customer satisfaction
5.Extensive vehicle coverage for more than 80 US, Asian and European commercial vehicle makes and machines
6.Automatic Wi-Fi updates available in new software releases
7.Records and playbacks live data to pinpoint troubles of sensors and components
8.Configures display options, sets triggers, records and playbacks results with one touch
9.Cloud-based Data Manager saves customer and vehicle records, scanner data and technician notes
10.Easy and intuitive navigation makes finding what you need simple and fast
11.Prints out recorded data anytime and anywhere with Wi-Fi technology

Powerful and Efficient:

The MaxiSys Elite sets a new global speed standard for diagnostic scanners. The uncompromising NVIDIA Tegra4-PLUS-1 quad-core 1.8GHz processor and 32GB solid state hard drive provide unsurpassed boot up times in today's diagnostic market. Autel's MaxiSys Elite is the most efficient scanner featuring progressive technologies like the Auto VIN Scan & Wi-Fi Data Logging inside a very intuitive and user-friendly interface design.

Mobile-So You Can Be Free

The MaxiSys Elite is mobile perfection. Autel's newest 9.7inch powerhouse offers a streamlined unibody design and the world's most advanced BT to handle. Using Ver.2.1 3Mbs BT, the world's most advanced wireless technology, and the newest 802.11ac Wi-Fi at 3X the speed of the previous generation, the Elite seamlessly and simultaneously performs vehicle diagnosis and service, while providing remote-control tech support access 24/7. Additionally, the Elite brings cloud data to your fingertips via the unique MaxiFix platform, allowing you to work more quickly and with greater freedom than ever before.

Special Functions
DOC/DPF Replacement Reset
• Fuel Pressure Adaptation Reset
• Injector CEOM Reset
• O2 Sensor Calibration
• Injection Quantity Adjustment
• DPF Regeneration
• DSI System De-Aeration
• MAF Sensor Calibration
• Parameter Setting
• Aftertreatment Maintenance
• Aftertreatment Maintenance Filter Installation
• Aftertreatment Particulate Matter Sensor Regeneration
• Aftertreatment SCR Catalyst Cold Soak Override
• Aftertreatment SCR System Health Monitor
• Boost Calibration
• Rack Sensor Calibration
• Timing Calibration
• Monitor Throttle Position Sensor
• Extended Service Coverage
• Injector Trim Calibration
• Configuration
• Custom Data
• Maintenance Monitor

AUTEL® MaxiDAS DS808

Autel Maxidas DS808

Based on the Android operating system, MaxiDAS DS808 is featured with an extensive coverage of OE-level diagnostics. Installed with a fast quad-core processor, DS808 offers maximum convenience and efficiency for your diagnosis and analysis. The intuitive user interface makes using the device effortless through a 7-inch LCD touchscreen that displays at 1024 x 600 quality.

Autel Maxidas DS808 Vehicle List:

1. European vehicle list:
AUDI, BENZ, BMW, DACIA, EU FORD, LANDROVER, MINI, OPEL, PEUGEOT, RENAULT, SEAT, SKODA, VW, VOLVO, SMART, JAGUAR, BENZ SPRINTER, SAAB, FIAT, ABARTH, LACIA, ALFA ROMEO, VAUXHALL, MAYBACH, BENTLEY, BUGATTI, PORSCHE.

2. USA vehicle vist:
GM, CHRYSLER, FORD

3. Asia vehicle list:
SUZUKI, KIA, DAWEOO, ISUZU, TOYOTA, SUBARU, SCION, NISSAN, MITSUBISHI, LEXUS, INFINITI, HYUNDAI, HOLDEN, HONDA, ACCURA, MAZDA.

Autel Maxidas DS808 Features:

Extensive vehicle coverage for more than 80 US, Asian and European vehicle makes
Exceptional OE-Level system coverage for all electronic systems
Complete capabilities for codes, live data, active test, ECU information, adaptation, matching, etc.
Smart AutoVIN technology for identifying vehicles easily
Automatic system and software updates with real-time push message notifications via Wi-Fi
Instant remote control tech support anytime, anywhere
Cloud-based MaxiFix online community provides a vast database of diagnostic and repair tips and proven filed fixes
Interactive Data Logging sessions enable direct contact with Autel Technical Support for first-hand troubleshooting of diagnostic bugs and errors
One-stop multitasking designed for ideal management of workshop operations to keep all data files, customer info, and vehicle records well organized
Convenient data management system for managing internal program applications and reviewing data

Note: There are two options available when accessing the Diagnosis section:

1. Auto Scan – starts auto scanning for all the available systems on the vehicle.

2. Control Units – displays a selection menu of all available control units of the test vehicle.

After a section is selected and the tablet establishes communication with the vehicle, the corresponding function menu or selection menu displays.

Supported Automotive Protocols:

ISO9141-2, ISO14230-2,ISO15765, K/L-Line, Flashing Code, SAE-J1850 VPW, SAE-J1850 PWM, ISO11898(Highspeed, Middlespeed, Lowspeed and Singlewire CAN, fault-tolerant CAN), SAE J2610,GM UART,UART Echo Byte Protocol, Honda Diag-H Protocol, TP2.0, TP1.6

How to update Autel DS808 software:

1. Make sure the Display Tablet is connected to a power source with stable access to the internet.
2. Tap the Update application button from the MaxiDAS Job Menu;
or tap the update notification message when received one;
or tap the Update icon on Vehicle Menu in Diagnostics application.
The Update application screen displays.

3. Check all available updates:
If you decide to update all the items, tap the Update All button.
If you only want to update one or some of the item(s), tap the Update button on the right column of the specific item(s).

4. Tap the Pause button to suspend the updating process. When you tap Continue to renew the update, the updating process will resume from the break point.

5. When the updating process is completed, the firmware will be installed automatically. The previous version will be replaced.

Operating System:Android™ 4.4.4
Processor:Cortex-A9 processor (1.5 GHz)
Memory :32GB
Display:7-inch LCD capacitive touchscreen with 1024x600 resolution
Connectivity: Mini USB 2.0 / USB 2.0 / Wi-Fi / Micro SD card (supports up to 32GB)
Sensors:Ambient light sensor for brightness auto changing
Audio Input/Output: Input: N/A / Output: buzzer
Power and Battery: 3.7 V/3200 mAh lithium-polymer battery / Charges via 5 VDC power supply
Tested Battery Life:Around 4.5 hours of continuous use
Battery Charging Input:5 V/1.5 A
Power Consumption:500 mA (LCD on with default brightness, Wi-Fi on) @3.7 V
Operating Temp:-10 to 60°C(14 to 140°F)
Storage Temp:-20 to 70°C (-4 to 158°F)
Operating Humidity:5% - 95% non-condensing
Dimensions (W x H x D):237.8 mm (9.4") x 148.6 mm (5.9") x 35.5 mm (1.4")
Net Weight:788 g (2.42 lb.)

Autel MaxiDas DS808 Package List:

1 x USB External Power Adapter
1 x User Manual
1 x Quick Reference Guide
1 x Main cable
1 x Carry case
1 x Mini USB Cable

AUTEL® MaxiCheck MX808

Autel MaxiCheck MX808 All System Diagnostic and Service Tablet

When it comes to ultra-portability, MaxiCheck MX808 is your perfect companion. Installed with a fast quad-core processor, MX808 offers maximum convenience and swift diagnosis. The intuitive user interface makes using the device effortless through a 7-inch LCD touch screen that displays at 1024x600 quality.

The Autel MX808 has the features and functions of the older MD802 and the MaxiCheck Pro combined into one Android-based tablet that offers more service functions than the either of the older units.

The MX808 is an Android version of the Autel MD808.

The MX808 is cabled to the vehicle.

Select the Scan icon to read and erase codes and view data stream only.

Select the Service icon to perform tests and functions specific to certain service needs, i.e. electronic parking brake, battery maintanance, steering angle reset etc.

The MX808 service tablet offers wireless printing via wifi like a MaxiSYS, however, it is not a full function scanner like a MS906 or ms908.

Autel MaxiCheck MX808 Features

Read/clear codes for all available systems
Display live data in text, graph & analog for easy data review
Auto VIN technology can automatically identify the vehicle's make, model and year information in no time
Relearn parking brake pad after replacement
Support IMMO functions
Support forced DPF regeneration and adjusting injectors
Reset Steering Angle Sensor (SAS)
Reset service mileage and service intervals
Support TPMS sensor relearn
Support battery registration and reset

MaxiCheck MX808 Pro Systems

POWERTRAIN SYSTEM - Read / Test / Clear trouble codes all modules
BODY SYSTEM - Read / Test / Clear trouble codes all modules
CHASSIS SYSTEM - Read / Test / Clear trouble codes all modules
INFO & COMMUNICATION - Read / Test / Clear trouble codes all modules
Auto VIN Detection
Auto Scan all major systems
Live Data to test individual systems
Communicate with door modules, body controllers, electronic modules
Support all OBDII protocols and 10 test modes including Freeze Frame, Enhanced Mode 6, Vehicle Info, I/M Readiness, On-Board Monitor and Component Tests
Graph, record and playback freeze frame data

Supported Automotive Protocols:
ISO9141-2, ISO14230-2,ISO15765, K/L-Line, Flashing Code, SAE-J1850 VPW, SAE-J1850 PWM, ISO11898(Highspeed, Middlespeed, Lowspeed and Singlewire CAN, fault-tolerant CAN), SAE J2610,GM UART,UART Echo Byte Protocol, Honda Diag-H Protocol, TP2.0, TP1.6

How to update Autel MX808 software:

1. Make sure the Display Tablet is connected to a power source with stable access to the internet.
2. Tap the Update application button from the MaxiCheck Job Menu;
or tap the update notification message when received one;
or tap the Update icon on Vehicle Menu in Diagnostics application.
The Update application screen displays.

3. Check all available updates:
If you decide to update all the items, tap the Update All button.
If you only want to update one or some of the item(s), tap the Update button on the right column of the specific item(s).

4. Tap the Pause button to suspend the updating process. When you tap Continue to renew the update, the updating process will resume
from the break point.

5. When the updating process is completed, the firmware will be installed automatically. The previous version will be replaced.

Operating System:Android™ 4.4.4
Processor:Cortex-A9 processor (1.5 GHz)
Memory :32GB
Display:7-inch LCD capacitive touchscreen with 1024x600 resolution
Connectivity: Mini USB 2.0 / USB 2.0 / Wi-Fi / Micro SD card (supports up to 32GB)
Sensors:Ambient light sensor for brightness auto changing
Audio Input/Output: Input: N/A / Output: buzzer
Power and Battery: 3.7 V/3200 mAh lithium-polymer battery / Charges via 5 VDC power supply
Tested Battery Life:Around 4.5 hours of continuous use
Battery Charging Input:5 V/1.5 A
Power Consumption:500 mA (LCD on with default brightness, Wi-Fi on) @3.7 V
Operating Temp:-10 to 60°C(14 to 140°F)
Storage Temp:-20 to 70°C (-4 to 158°F)
Operating Humidity:5% - 95% non-condensing
Dimensions (W x H x D):237.8 mm (9.4") x 148.6 mm (5.9") x 35.5 mm (1.4")
Net Weight:788 g (2.42 lb.)

Autel MaxiCheck MX808 Package List:

1 x USB External Power Adapter
1 x User Manual
1 x Quick Reference Guide
1 x Main cable
1 x Carry case
1 x Mini USB Cable

AUTEL MaxiTPMS TS608

MaxiTPMS TS608

COMPLETE TPMS & ALL SYSTEM SERVICE TABLET TOOL

As the first comprehensive TPMS & Diagnostic tool in the market, MaxiTPMS TS608 provides you with superior experience in TPMS health check, sensor programming, TPMS relearn, all system diagnostics as well as special service functions. Equipped with a 7-inch touch screen with 1024 * 600P resolution and a VCI mini for wireless communication with the test vehicle, powered by the quad-core Cortex-A9 processor for smooth operation and featured by advanced TPMS & Diagnostic technology, MaxiTPMS TS608 is setting new standards for TPMS service tools.

COMPLETE TPMS FUNCTIONS

1.Activate all known TPMS sensors and read sensor status;
2.Diagnose ECU for complete TPMS health check with DTC description;
3.Read DTCs from ECU and erase DTCs;
4.Program MX-Sensors by copying original sensor IDs or creating new IDs randomly;
5.On-tool relearn procedure and wide OBD relearn coverage;
6.Toolkit, special TPMS functions;

ALL SYSTEMS DIAGNOSTICS

1.Read/clear codes for all available electronic systems;
2.Turn off warning lights;
3.Display live data in text, graph & analog for easy data review;
4.Supports all 10 test modes of the latest J1979 OBD II test specs;
5.Enhanced OBDII Mode 6;

ADVANCED SERVICE FEATURES

1.Relearn parking brake pad after replacement;
2.Reset Steering Angle Sensor (SAS);
3.Reset service mileage and service intervals;
4.Forced regeneration and adjusting injectors;
5.Support battery registration and reset;
6.Support IMMO functions;

WIRELESS BLUETOOTH MAXI-VCI MINI

The latest compact size Wireless Bluetooth MaxiVCI Mini OBDII connector can transmit vehicle data to the tablet without a physical connection. Enhanced wireless bluetooth connectivity between the tablet and VCI device allows greater service mobility and easier TPMS sensor interaction while the tablet is still connected to the vehicle for data transmission.

Autel MaxiTPMS TS508

The MaxiTPMS® TS508 is a new generation TPMS diagnostic & service tool specially designed to activate all known TPMS sensors, read TPMS sensor status, check TPMS system health condition, program MX-sensors and conduct TPMS relearn. With Quick Mode and Advanced Mode options, you can save time and energy by choosing the most suitable way to complete TPMS work. TS508K, the starting TPMS kit with one tool and 8 sensors, can be your right choice to experience AUTEL TPMS lines.

The TS508 is a new generation complete TPMS tool that offers the option to choose one of two service modes from the home screen, to provide faster and smarter TPMS repairs. Based on the TPMS service type needed, the option to choose the basic Quick Mode or the complete Advanced Mode will decrease repair

SERVICE MODES

Quick Mode — BASIC TPMS FUNCTIONS

Advanced Mode — COMPLETE FUNCTIONS

MaxiTPMS TS508
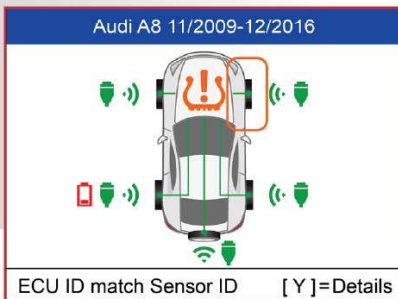Quick Mode | Advanced Mode | ToolKit
Latest Test | Review Data | My Device

PREMIUM KIT

TS508K is packaged as kit with 8 Autel MX-Sensors to offer a perfect solution for quick TPMS service repair.

MaxiTPMS TS508K

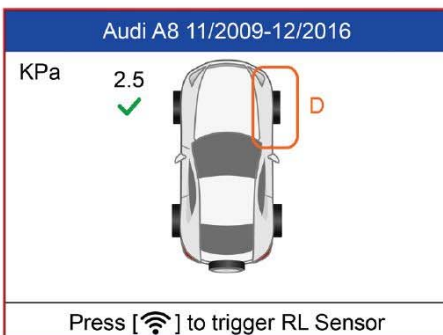## STATUS SCREEN

EXCLUSIVE TPMS SYSTEM STATUS

Audi A8 11/2009-12/2016

ECU ID match Sensor ID   [Y] = Details

TPMS IN 3 EASY STEPS

DIAGNOSE

Audi A8 11/2009-12/2016

KPa   2.5 ✓   D

Press [📶] to trigger RL Sensor

1 CHECK ALL KNOWN TPMS SENSORS

REPLACE

Programming Sensor

433MHz

Keep Programming sensor within 4 inches.
Keep other sensors at lrast 4 feet away.
start checking...
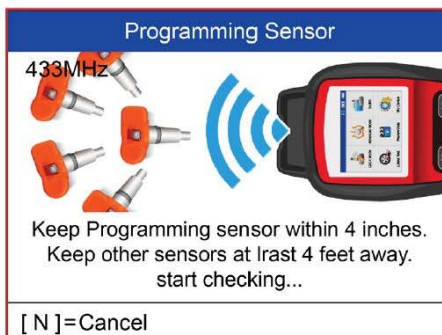
[N] = Cancel

2 PROGRAM AUTEL MX-SENSORS

CONFIRM

Relearn Procedure

Relearn Procedure:
1. Inflate all tires to the pressure indicated on tire placard.
2. Press CAR function button.
3. Select Tire PRESSURE MONITORING.
4. Select INITIALIZE WHEELS (select STORE CURRENT TIRE PRESSURES if

Back

3 ON-TOOL RELEARN PROCEDURE

AURODIAG

Aurodiag OtoSys IM600

Otosys IM600

Auro presents the OtoSys IM600 as the most advanced and smart key programming tool that combines the most powerful IMMO and programming functions with OE-level diagnostics and advanced service functions in one Android based 10.1-inch touchscreen tablet. With the included key programmer UP400, OtoSys IM600 is destined to be the unprecedented key programming tool that you ever wanted!

The IM600 is an Autel scan tool with additional software and accessories for IMMO and key programming.

- Support IMMO functions for over 60 worldwide makes and models.

- Equipped with UP400 to support PIN/CS read, transponder read/write/identification, MCU/EEPROM chip read/write and IMMO ECU Reset/Adaption.

- Extensive vehicle coverage for more than 80 US, Asian and European vehicle makes.

- Complete capabilities for codes, live data, actuation tests, adaptations.

- Displays live data in text, graph, analog and digital gauge for easy data review and analysis.

- Auto VIN technology can automatically identify the vehicle's make, model and year information in no time.

- Quick access for more than twelve common service functions including Oil reset, EPB, DPF, BMS, SAS, TPMS and more.

- Cloud-based Data Manager saves customer and vehicle records, scanner data and technician notes.

- Remote technical support for convenient demonstration, training and increased customer satisfaction.

- Print out recorded data anytime and anywhere with Wi-Fi technology. Automatic Wi-Fi updates available in new software releases.

IMMO Functions

Connect the IM600 tablet to the vehicle (via the Bluetooth VCI or Main Cable) and to the UP400 (via USB cable) to access IMMO related functions, including Key Learning, Remote Control Learning, Remote Control Add, etc. The software provides two methods to access IMMO functions:
1. Smart Mode – step-by-step through a series of functions.
2. Expert Mode – select a specific function.

KEY PROGRAMMING Functions

Connect the IM600 tablet to the UP400 Key Programmer (no vehicle connection required) to access the key chip, read, retrieve and write key information, as well as other key related functions. The UP400 includes 12 ports:
1. DC Port – provides 12V DC power supply.
2. USB Port – provides data communication and 5V DC power supply.
3. DB 26-Pin Port – connects with the Mercedes Benz infrared cable, vehicle key cable, ECU cable, MCU cable, MC9S12 cable.
4. Cross Signal Pins – holds the MCU board, MCU spare cable or DIY signal interface.
5. IC Card Induction Area
6. Vehicle Key Slot – holds the vehicle key.
7. Transponder Slot – holds the transponder.
8. Remote Control Transponder Induction Area Figure 2-5 UP400 Views 11
9. Mercedes Infrared Key Slot – holds the Mercedes infrared key.
10. Status LED – indicates the current operating status.
11. Locker – locks the EEPROM component transponder slot to ensure proper functioning.
12. EEPROM Component Transponder Slot – holds the EEPROM plug-in transponder or EEPROM socket.

DIAGNOSTIC and SERVICE Functions

Connect the IM600 tablet to the vehicle via the OtoFlash (VCI) to perform extensive diagnostic and service functions. The IM100 includes Autel MaxiSys scan tool vehicle software/hardware.

Kit Contents

- OtoSys IM600 Display Tablet - 10.1-inch LCD capacitive touchscreen with USB and HDMI
- OtoFlash (VCI) - fully compliant SAE J2534-1 & SAE J2534-2 (March 2006)
- UP400 Key Programmer - reads transponder data (including Mercedes Benz infrared smart key), clone and generate exclusive keys, read/write on-board EEPROM data, and read/write Freescale 9S12 MCUs; read/write transponder data.
- Main Cable. Connects the Display Tablet to the vehicle's data link connector (DLC).
- USB Cable Mini
- USB Cable. Connects the Display Tablet to the PC or DC external power adapter.
- AC/DC Adapter (12V)
- Light Fuse 6*30mm (2pcs)
- Cigarette Lighter
- AAC001 MED17 Cable
- APC001 (USB Cable)
- APB101+APD101 EEPROM Adaptor + EEPROM Adaptor Shell
- APB102 MB IR Cable
- APB104 MCU_FQFP64
- APB105 MCU_FQFP80
- APB107 MCU_FQFP112
- APB107 MCU_FQFP114
- APB108 MCU_FQFP176
- APA002 EEPROM Socket
- APA101 Signal Cable
- APA103 EEPROM Clamp
- APA104 ECU Cable
- APA105 MCU Cable
- APA106 MC9S12 Cable
- APA107 Connect Cable
- Quick Reference Guide

KEY MASTER DP PLUS

OBDSTAR®

This device is a new Android-based vehicle trouble diagnostic device developed for internet applications. It inherits from OBDSTAR advanced diagnosing technology and it is characterized by covering wide range of vehicles, featuring powerful function, and providing precise result. Through vehicle diagnostic OBD connector and variant mobile intelligent terminals, it achieves vehicle trouble diagnosis for full car model and full system vehicle.

Meanwhile, taking advantage of mobile internet, this device integrates more application and service, such as Maintenance Database, remote assistant, One Key Upgrade etc.

Hardware Advantages:

1. Built-in VCI box
2. 8-inch touchscreen
3. Charge directly via OBD interface
4. Practical and high-end gift box
5. Industrial design with silicone case
6. Back bracket design:prop on the steering wheel or stand on the table
7. With 4 Toyota simulation keys (simulate key 1 works normally and key 2,3,4 are in upgrade process)
8. P001 programmer: EEPROM adapter + RFID adapter + Key Renew adapter
9. Add the clip of reading SOP 8PIN EEPROM
10. C001/C002 circuit board to read and write chip data with welding
11. IMMO induction coil to detect the key induction coil failure of the vehicle.
12. Add wiring harness of ECU reading by OBD (for ECU cloning and switch activation)

Software Advantages:

IMMO:
1. EEPROM
2. Renew Key
3. Key programming
4. Remote programming

Cluster Calibrate: wide vehicle coverage, pls check the carlist

Diagnosis: all vehicle systems diagnosis

Special Functions

TPS/ABS/EPB/DPF/TPMS/SRS Reset/Fuel Injector/Gear Learning/Battery Matching/ECU Programming/Throttle Matching/

Oil/service reset/Steering Angle Reset/Remote Manual Setting/Electronic Steering Reset/CVT Learning/value Reset

ECU Clone

1. ECU Clone, means ECU duplication.
The device copies all the data from the original vehicle ECU, and then writes all data copied into ECU with the same hardware to realize the same ECU function with the original vehicle.

2. Clone directly when replacing a new or a used ECU!
Without online matching in 4S store or removal of ECU bonding wire for reading and writing! Directly write without dismantling OBD!

3. Three features for ECU Clone:
A. Free of 4S online:
break monopoly from 4S, benefiting automobile maintenance industry
B. Simplified operation procedures: realize foolproof operation
C. Non-dismantling with zero risks: read and write data without dismantling

Switch Activation Function

(Today many instruments or audio of vehicles activate secondary power supply to go into power-on status by relevant module CAN communication on the vehicle, but sometimes an instrument or an audio is separated from vehicle CAN-BUS network, causing startup failure when it needs to be repaired by an auto technician. This function can simulate CAN communication to activate secondary power supply, so the instrument or the audio enters into power-on status. In this way, it not only can test and verify the instrument or the audio, but also save an enormous cost for an auto technician to purchase a large number of startup platforms of various vehicles and wiring harnesses!)

Add "Help" Functions
1. including built-in testable vehicle models, upgrade announcement, features, help notes and wiring diagrams, etc.
2.Customers can look up the features or uniquely support functions on the device
3. Help notes: built-in help notes for each model or function
4. Wiring diagrams: built-in ECU wiring diagrams

Xhorse

VVDI KEY TOOL

Xhorse VVDI Key Tool supports most common remote types in the market; it is reliable and easy to use. VVDI key tool can perform these functions:
edit transponder, clone transponder, test frequency, clone Remote, generate remote, generate garage door remote controller, unlock smart card etc.

XHORSE VVDI KEY TOOL Functions:

1.Transponder Generation:
Write most common transponder available in the market including 3 6, 46, 47, 60, 70
  Support generating hundreds of vehicle immobilize transponder,ID36/ID46 special transponder can be generated by Xhorse SN2 universal (wireless remote) support reuse again.
Transponder generating function: brand--vehicle model--year/configuration. Please select [more vehicle model] to get the transponder type for next process if can't find the proper vehicle model.

2.Transponder cloning:
Support 46 42 11 12 4D

3.Frequency & power tester:
Frequency test of 27-900 MHZ
Power test 300-450 MHZ

VVDI Key Tool supports 300-500MHZ frequency, relative power, signal modulation and IR testing.

When testing frequency, users press remote button to transmit signal, the "green wave" moving at the left top of screen indicated that the frequency value and the modulation result are valid. When testing IR, please place the IR emitter head aimed at IR testing area, distance depends on signal strength, generally 15-80cm.A small red light on at the bottom of screen if the IR signal is detected.

4.Remote cloning:
Rolling code & Fixed code
Remote cloning includes HCS/fixed code cloning, on-HCS rolling code cloning and remote editing function.

5.Generate remote:
More than 400 FCC ID types
VVDI Key Tool built-in more than 1200 vehicle models remote data (increased continuously), remote pictures and matching information, users can select the relevant data file according to actual vehicle model, use Xhorse universal remote and match to the vehicle control unit by programming.

**6.Generate Garage door remote:**
More than 100 types
This function is not available for current version, please use the remote cloning function to clone the garage remote.

7.Unlock OEM remotes:
NXP keyless & Prox Remotes
Renew Remote
VVDI Key Tool built-in dozens of vehicle models for renew remotes (adding continuously), users can use the renew adapter or soldering wires connect PCB to renew.
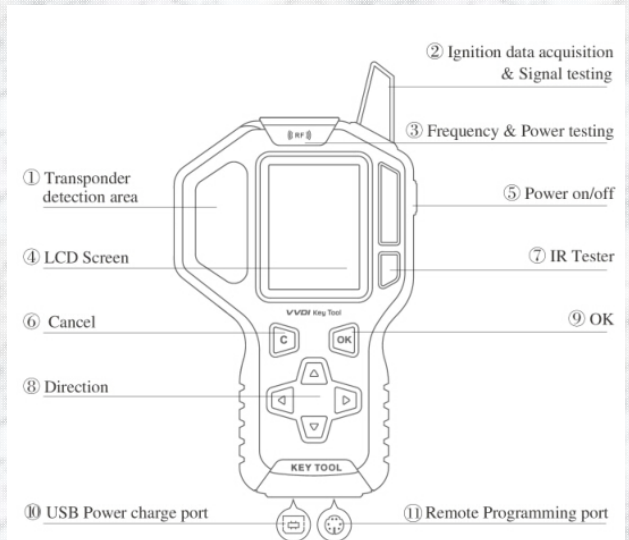
VVDI Key Tool Specifications:

LCD Size	2.4'
Display	240*320
Battery Voltage	3.6~4.2V
Battery Capacity	>2500mhA
Charge Voltage	4.5~6.5V
Charge Current	<1000mhA
Working Time	≥10 Hour

Truck IDC5 Diagnostics

Carrying out a regular service or a repair on commercial vehicles, trailers or semi-trailers requires expertise and advanced tools. Furthermore, the technician performing this task needs to move freely around the vehicle. For these reasons TEXA has developed the NAVIGATOR TXTs, a wireless Vehicle Communication Interface (VCI) that communicates with viewing units, these being a TEXA product, example **Axone Nemo**, or a Windows computer, thanks to Bluetooth® technology.

Please note that the Navigator TXTs it is a Vehicle Communication Interface and can not be used as a stand alone device. In order to make it work, it must be paired with a display unit, this being a desktop, laptop or tablet, where the TEXA IDC5-Truck diagnostic software has been installed.

The TEXA Truck diagnostic software covers these make/brands:

Heavy Duty Trucks & Buses: Allegro, Blue Bird, E-One, Foden, Freightliner, International, Iveco, Kenworth, Mack, Peterbilt, Sterling, Temsa, Van Hool, Volvo Bus, Volvo Truck, Western Star, etc.
Medium Duty: Dodge, Ford, GMC, Hino, International, Isuzu, Kenworth, Fuso, Peterbilt, UD Trucks, etc.
Light Commercial Vehicles: Dodge, Ford, Freightliner, Mercedes Benz, Nissan, etc.
Commercial Vehicles: Ford, Mercedes-Benz, Volkswagen, etc.
Trailers: Bendix, Haldex, Meritor-Wabco, Thermoking etc.
Industrial Engines: Caterpillar, Cummins, Detroit, Deutz, International, Mercedes-Benz, Paccar, Scania, Volvo Penta, etc.

TEXA diagnostic program offers a broad coverage for systems like engine management, pollution control systems, transmissions, brakes, chassis, cluster instrument etc. Advanced coding/setting/relearning of different systems are possible too. The coverage and the capabilities of the program vary based on make/model and include functions like:

- Very advanced diagnostics coverage for many engines and transmissions
- Easy to use and very well organized program
- Reading & erasing DTCs
- Reading live data and parameters
- Activation of different components/systems
- Engine compression test
- Cylinder switch off
- Injector registration/coding
- Settings & calibrations
- DPF forced regeneration
- ECU configuration
- Speed limiter change
- Engine and transmission adaptations
- Maintenance parameters reset
- Wiring diagrams, technical info and many more

Also, TEXA offers Technical Support, Technical bulletins, Solved Problems etc. Contact us for detailed info.

How complicated is the use of the TEXA diagnostic tool ?

TEXA offers a very easy to use and well organised software. The user-friendly program is one of the many advantages that make TEXA stands out from the competitors. Furthermore, the program provides detailed information, not only about the TEXA Truck Diagnostic Tool but valuable information related with the technology applied on modern trucks.

The Truck Basic Learning guide can be found in the diagnostic package.

The bottom line is that as a truck technician you will find the TEXA Truck Diagnostic tool a very useful equipment that does not need special training and advanced knowledge to be used.

Does the TEXA program provide technical information ?

The diagnostic capabilities that the TEXA tool offers are very advanced and cover a wide range of light, medium and heavy trucks. What makes the tool more usable is the fact that beside the long line of diagnostic functions TEXA provides very useful information, like technical bulletins, solved problems etc.

Let's say you retrieved a DTC from a particular system in a truck and you are not sure how to proceed from this point. TEXA program will help you to get a better idea about the problem and provides important info that is needed to solve the issue.

This "online" diagnostic info can be added to the TEXA Truck program at any time.

Adding the OHW coverage to the Truck diagnostic program. How can this be done?

It is an easy procedure. You can buy the OHW software and install it on the same computer(s) that you have already have installed the TEXA Truck program. Beside the OHW software, manufacturer specific cables will be needed. Visit the **OHW diagnostic** page for detailed information about the cables available, software coverage and much more.

The Truck and OHW software can be bought as a single package. Contact us for details.

What computer should I use ?

You can use any desktop, laptop or tablet that meets the requirements.
We can also supply you with a rugged or semi-rugged Panasonic Tablet.

scaN Zed

Off-Highway IDC5

When it comes to off highway diagnostics for construction and agriculture equipment such as CAT, John Deere, Case, Komatsu, and more, look no further then then the TEXA Diagnostic Scanner for Off Highway. This tool will allow you to connect to engines, cab controllers, hydraulic systems, GPS, and a variety of others. You can run a variety of commands including stationary regens, cylinder cut-out tests, joystick calibrations, injector programming, and thousands of other commands. Coverages are listed below.

Engines

- Caterpillar
- Cummins
- Detroit Diesel
- Deutz
- FPT (Iveco Motors)
- Isuzu
- John Deere
- Kubota
- Mercedes-Benz
- MTU
- MWM
- Perkins
- Scania
- Sisu
- VM Motori
- Volvo Penta

Agriculture Vehicles

- Buhler Versatile
- Carraro
- Case IH
- Caterpillar
- Challenger
- Claas
- Deutz-Farh
- Dieci
- Energreen
- Faresin
- Fendt
- Franz Kleine

More Agriculture Vehicles

- Hurlimann
- JCB
- JLG
- John Deere
- Kamaz
- Krone
- Kubota
- Lamborghini
- Landini
- Laverda
- Lindner
- Mac Don
- Manitou
- Massey Ferguson
- McCormick
- Merlo
- New Holland
- Renault Agriculture
- Ropa
- Same
- Steyr
- Ursus
- Valtra

Construction Vehicles

- Astra
- Bell
- Bobcat
- Carraro
- Case
- Caterpillar

Construction Vehicles

- Fiat-Kobelco
- Hamm
- Hitachi (Fiat-Hitachi)
- Hyundai Construction Equipment
- JCB
- John Deere Construction Equipment
- Kassbohrer Gelande-fahrzeug
- Kobelco
- Komatsu
- Kramer
- Kubota
- Liebherr
- Link Belt
- Merlo
- New Holland
- O&K
- Perlini
- Pettibone
- Randon
- Sandvik
- Takeuchi
- Terex
- Terex Trucks
- TigerCat
- Volvo Construction
- Xtreme

How complicated is the use of the TEXA diagnostic tool ?

TEXA offers a very easy to use and well organised software. The user-friendly program is one of the many advantages that make TEXA stands out from the competitors. Furthermore, the program provides detailed information, not only about the TEXA Off-Highway Diagnostic Tool but valuable information related with the technology applied on modern equipment.

The Off-Highway Basic Learning guide can be found in the diagnostic package. The bottom line is that as a truck technician you will find the TEXA Off-Highway Diagnostic tool a very useful equipment that does not need special training and advanced knowledge to be used.

Does the TEXA program provide technical information ?

The diagnostic capabilities that the TEXA tool offers are very advanced and cover a wide range of Engines, Agriculture Vehicles and Construction Equipment. What makes the tool more usable is the fact that beside the long line of diagnostic functions TEXA provides very useful information, like technical bulletins, solved problems etc.

Let's say you retrieved a DTC from a particular system in a truck and you are not sure how to proceed from this point. TEXA program will help you to get a better idea about the problem and provides important info that is needed to solve the issue.

This "online" diagnostic info can be added to the TEXA Off-Highway program at any time.

Adding the Truck diagnostic coverage to the OHW program. How can this be done?

It is an easy procedure. You can buy the **Truck diagnostic** software and install it on the same computer(s) that you have already have installed the OHW program. Beside the Truck Diagnostic software, manufacturer specific cables will be needed. Visit the Truck _diagnostic_ page for detailed information about the cables available, software coverage and much more.

The Truck and OHW software can be bought as a single package. Contact us for details.

What computer should I use ?

You can use any desktop, laptop or tablet that meets the requirements.
We can also supply you with a rugged or semi-rugged Panasonic Tablet.

scaN Zed
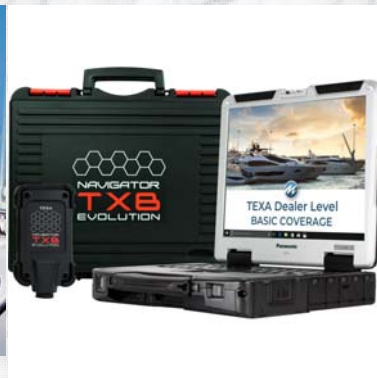
TEXA Dealer Level Marine Diagnostic Scanner Tool Basic Coverage

For marine diagnostics, TEXA has the dealer level coverage you are looking for. When you combine the power of the marine diagnostic software, the TXB communication adapter, and the Panasonic Toughbook, you have an unbeatable pairing.

Coverage for the Marine Basic edition gives you the following engines:

Inboard Engines

- Cummins Mercruiser
- Mercruiser
- Mercury Racing
- Volvo Penta

Personal Watercraft

- Honda Marine
- Kawasaki Marine
- Sea-Doo (BRP)
- Yamaha Marine

Outboard Engines

- Evinrude
- Honda Marine
- Johnson
- Mariner
- Mercury
- Mercury Racing
- Selva Marine
- Suzuki Marine
- Tohatsu Marine
- Yamaha Mar

The TEXA Marine Diagnostics kit is the most advanced and complete diagnostic kit on the market. It currently covers 99.9% of the marine engine world, which includes 38 manufacturers and over 700 models. The tool also includes wiring diagrams, component locations, nominal values (Correct values of components), programming capabilities, code reading, and dealer level diagnostics.

The Essential Cable Kit, gives you cables for the following:

- AM01 – Marine "Main"
- AM01 CAN – Marine CAN
- AM02 – Marine Honda
- AM04 – Marine Mercury & Mariner Group (2-pin cable)
- AM05 – Marine Mercury & Mariner Group (4-pin cable)
- AM06 – Marine Yamaha/Selva
- AM07 – Marine Volvo Penta (6-pin)
- AM09 – Marine Volvo Penta (KAD-TAMD)
- AM13 – Marine Evinrude
- AM14 – Marine 10-pin (Volvo, Mercruiser, Crusader, PCM)
- AM16 – Marine Volvo, Mercruiser, Crusader, Ilmor, Indmar, PCM
- AM18 – Marine Volvo Penta EGC-EVC (8-pin)
- AM22 – Marine Suzuki (4-pin)
- AM25 – Marine Mercury, Mariner, Cummins (2010 Cables)

2 versions of the software are available, Basic and Plus. You can upgrade to Plus at a later date if needed.

The Basic version is ideal for workshops that repair mainly outboard engines, water scooters and small to mid size inboard marine engines.

INBOARD ENGINES: CUMMINS, MERCRUISER, MERCURY RACING, VOLVO PENTA

PERSONAL WATERCRAFT - PWC: HONDA MARINE, KAWASAKI MARINE, SEA-DOO (BRP), YAMAHA MARINE

OUTBOARD ENGINES: EVINRUDE, HONDA MARINE, JOHN SON, MARIN ER, MERCURY, MERCURY RACING, SELVA MARINE , SUZUKI MARINE, TOHATSU MARINE, YAMAHA MARINE

The PLUS version includes the Basic version plus an extended coverage of inboard engines that are used on larger boats.

INBOARD ENGINES: CATERPILLAR, CRUSADER ENGINES, CUMMINS MERCRUISER DIESEL, FNM MARINE, FPT (Fiat Powertrain Technologies), HYUNDAI SEASALL, ILMOR, INDMAR, LOMBARDINI MARINE, MERCRUISER, MERCURY RACING, MTU, PCM (Marine Engines), PERKINS, SEA-OOO, (BRP), SISU, TEYR MOTORS, VM MOTORI, VOLKSWAGEN MARINE, VOLVO PENTA, YANMAR

TEXA

KONFORT 760R

TEXA Konfort 760R Charging Station
R134a or R1234yf

This model is equipped with a high visibility colour TFT display with a graphic interface for ease of use. The service management procedure is fully automatic, so there is no requirement for manual taps. The distinctive features compared to the 720R are the hermetically sealed bottle system, automatic service management system, refrigerant measurement and scale locking system.

The 760R can be purchased configured either for the old R134a refrigerant or the new R1234yf refrigerant. A retrofit kit is also available to change refrigerant type.

Main Features

- R134a or R1234yf compatible
- High visibility colour TFT display with interface Graphics
- DATABASE/SERVICE management via SD card
- Rotating gauge display (Excluding Germany)
- 20 Kg internal tank for 760R
- 30 Kg internal tank for 760R BUS
- Charging accuracy +/- 15 gram
- High efficiency refrigerant recovery (above 95%)
- Dual stage vacuum pump
- Hermetically sealed bottles
- Automatic high precision oil injection
- Automatic oil bottle recognition
- Automatic precise refrigerant measurement check
- Scale lock system
- Automatic service procedure management
- Multilingual software coverage
- Service hose length compensation
- Simplified service
- Automatic management of incondensable discharge
- 24 Month Warranty
- **Functionality:**
  - DATABASE
  - PERSONALISED SERVICE
  - MY DATABASE

.**100% MADE IN ITALY. THE ONLY PRODUCTION LINE OF ITS KIND IN THE WORLD.**

The KONFORT Series reflects the great care and attention that TEXA pays to the design, materials and technology of its products and to the automation of its production processes. Approved by the world's top vehicle makers including:

AUDI – BENTLEY – BMW – BUGATTI – CHEVROLET – HYUNDAI – JAGUAR – KIA – LAMBORGHINI – LAND ROVER – MAZDA – MERCEDES-BENZ – MINI – MITSUBISHI – NISSAN – OPEL – PORSCHE – RENAULT – SEAT – SKODA – SUBARU – SUZUKI – TOYOTA – VOLKSWAGEN

Optional

Thermal printer,
Vehicle flushing Kit,
VDC Kit,
Climate efficiency kit,
Refrigerant identifier.

TEXA

KONFORT 780R

TEXA Konfort 780R Charging Station Bi-Gas R134a and R1234yf

The KONFORT 780R is the top of the range model, and unrivalled by any other recharge station on the market. Though it is no larger than the other stations in the series, the 780R incorporates two separate tanks and two separate circuits for recovery, recycling and recharging. It can therefore function with both refrigerants (the old R134a and the new R1234yf) simultaneously. The entire recharge procedure is completely automatic thanks to hermetically sealed oil tanks, a scale locking and release system and automatic refrigerant weighing. The 780R diagnosis and recharge station even implements a special procedure to clean all its internal circuits during refrigerant recharging. The machine carries out the flushing procedure automatically in order to clean out the system when changing from one refrigerant to the other.

This procedure takes approx. one minute. The 780R will provide a solution for workshops' who are required to deal with new vehicles fitted with the new R1234yf refrigerant, but also maintain vehicles which will continue using the traditional R134a refrigerant.

Main Features

- Dual refrigerant management R134a & R1234yf
- High visibility colour TFT display with interface Graphics
- DATABASE/SERVICE management via SD card
- Rotating gauge display (Excluding Germany)
- 2 x 12kg tanks
- Charging accuracy +/- 15 gram
- High efficiency refrigerant recovery (above 95%)
- Dual stage vacuum pump
- Hermetically sealed bottles
- Automatic high precision oil injection
- Automatic oil bottle recognition
- Automatic precise refrigerant measurement check
- Scale lock system
- Automatic service procedure management
- Multilingual software coverage
- Service hose length compensation
- Simplified service
- Automatic management of incondensable discharge
- Thermal printer
- **Functionality:**
  - DATABASE
  - PERSONALISED SERVICE
  - MY DATABASE

100% MADE IN ITALY. THE ONLY PRODUCTION LINE OF ITS KIND IN THE WORLD.

The KONFORT Series reflects the great care and attention that TEXA pays to the design, materials and technology of its products and to the automation of its production processes. Approved by the world's top vehicle makers including:

AUDI, BENTLEY, BMW, BUGATTI, CHEVROLET, HYUNDAI, JAGUAR, KIA, LAMBORGHINI, LAND ROVER, MAZDA, MERCEDES-BENZ , MINI, MITSUBISHI, NISSAN, OPEL, PORSCHE, RENAULT, SEAT, SKODA, SUBARU, SUZU, TOYOTA & VOLKSWAGEN

Optional

Vehicle flushing Kit,
VDC Kit,
Climate efficiency kit,
Refrigerant identifier,

Preventive Maintenance For A Torque Wrench

To maintain consistent accuracy, torque wrenches must be checked periodically for wear or defective parts. A properly structured preventive maintenance program optimizes tool performance and reduces unexpected downtime, thereby saving time and money. After 5000 cycles or up to one year of use, whichever comes first, have your torque wrench inspected and recalibrated.

The more often a torque wrench is used the faster it will wear or go out of calibration.

The ratchet of a wrench should be inspected for wear, cleaned and lubricated. Periodically verify that ratchet screws are tight and that the ratchet spins freely when turned.

Protect your wrench from dust, grime, chemicals and other hazards by storing the wrench properly in a case or other storage device and keep it in dry and clean place. Clean your wrench on the outside with a dry cloth. External cleaning fluid or other chemical solvents can corrode the internal lubrication of the tool, causing premature failure.

Most click wrenches are built with an internal spring mechanism that is compressed to against a lever. Adjustable wrenches use springs that must meet a linear capability test. After use, externally adjustable click wrenches should be turned back to minimum scale value. This helps to preserve the linearity of the spring and calibration of the wrench. All calibrated wrenches should be backed off to the minimum setting when stored.

Do not exceed the recommended working range of the torque wrench.

Avoid dropping a torque wrench. If you suspect that a wrench has been dropped, have the tool inspected by a calibration service.

Do not use a torque wrench as a power bar to tighten or loosen bolts.

Avoid loaning tools. If a person that is borrowing a tool drops or damages it, they may forget (intentionally or not) to let you know.

Check shared tools before use. The simplest way to do this is to check the torque wrench against another wrench that is known to be in spec.

A torque wrench is a precision tool and should be treated and maintained like a measuring instrument.

Torque Wrench Calibration

The best way to ensure that a torque wrench is working correctly is by calibration. During the calibration process, the wrench is checked to determine if it is within standards. If the tool is not within spec, the company is notified. The calibration lab will adjust or repair the wrench to make sure that it meets necessary standards.

We offer torque wrench calibrations at a quick turn around time and at a affordable price.

BE Series Digital Torque Wrench

- Two-way switching 45 tooth ratchet head - can be used on left hand and right hand threads
- Digital display, intuitive and easy to read
- Backlight section, clear and bright
- 4 LED lights and buzzer indicate the arrival of torque value(85, 90, 95 and 100%)
- Peak hold (PEAK), follow mode (TRACK)
- Easy button operation and simple program setting4-tooth ratchet head
- 4 units can be selected Nm, in-lb, ft-lb and kg-m
- Each torque wrench has a unique serial number

MS Series Adjustable Torque Wrench

- Two-way switching 72 tooth ratchet head - can be used on left hand and right hand threads
- The torque wrench is made of durable chrome plated metal.
- The wrench handle is made of oil-proof light and durable aluminium alloy.
- Specially designed locking device.
- Fine tune scale allowing more accurate settings.
- Each torque wrench has a unique serial number.

R Series Adjustable Torque Wrench

- Two-way switching 45 tooth ratchet head - can be used on left hand and right hand threads
- The torque wrench is made of durable chrome plated metal.
- The wrench handle is made of oil-proof light and durable aluminium alloy.
- Specially designed locking device.
- Fine tune scale allowing more accurate settings.
- Each torque wrench has a unique serial number.