VDIAGTOOL®

USER MANUAL

OBDII/EOBD VD30 PRO CODE READER

www.vdiagtool.com

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IMPORTANT:

Before operating or maintaining this unit, please read this manual carefully paying extra attention to the safety warnings and precautions.

Product Support Information

Technical Assistance Website: www.vdiagtool.com
E-Mail: support@vdiagtool.com
Phone: 1-213-355-7171 (United States)
or use our online contact form
https://www.vdiagtool.com/tech?id=7 Manuals / Technical

Documentation - This manual is periodically revised to ensure the latest information is included. Download the latest version of this manual and other related technical documentation at: https://www.vdiagtool.com/Downloads?id=15

Product Training Videos

Code Reader specific training videos are available on our website. Follow along and learn the basics of Code Reader operation with our free training videos.

Videos are product specific and are available at:
https://www.vdiagtool.com/training?id=17

Click on the "Support"- "Code Reader" tab, select the applicable code reader, then select the training video you want to watch.

Safety Information

For your own safety and the safety of others, and to prevent damage to the device and vehicles upon which it is used, it is important that the safety instructions presented throughout this manual be read and understood by all persons operating or coming into contact with the device.

There are various procedures, techniques, tools, and parts for servicing vehicles, as well as in the skill of the person doing the work. Because of the vast number of test applications and variations in the products that can be tested with this equipment, we cannot possibly anticipate or provide advice or safety messages to cover every circumstance. It is the automotive technician's responsibility to be knowledgeable of the system being tested. It is crucial to use proper service methods and test procedures. It is essential to perform tests in an appropriate and acceptable manner that does not endanger your safety, the safety of others in the work area, the device being used, or the vehicle being tested.

Before using the device, always refer to and follow the safety messages and applicable test procedures provided by the manufacturer of the vehicle or equipment being tested. Use the device only as described in this manual. Read, understand, and follow all safety messages and instructions in this manual.

Safety Messages

Safety messages are provided to help prevent personal injury and equipment damage. All safety messages are introduced by a signal word indicating the hazard level.

⚠ DANGER

Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury to the operator or to bystanders.

⚠ WARNING

Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury to the operator or to bystanders.

Safety Instructions

The safety messages herein cover situations VDIAGTOOL is aware of. VDIAGTOOL cannot know, evaluate or advise you as to all of the possible hazards. You must be certain that any condition or service procedure encountered does not jeopardize your personal safety.

⚠ DANGER

When an engine is operating, keep the service area WELL VENTILATED or attach a building exhaust removal system to the engine exhaust system.

Engines produce carbon monoxide, an odorless, poisonous gas that causes slower reaction time and can lead to serious personal injury or loss of life.

⚠ SAFETY WARNINGS

- Always perform automotive testing in a safe environment.
- Wear safety eye protection that meets ANSI standards.
- Keep clothing, hair, hands, tools, test equipment, etc. away from all moving or hot engine parts.
- Operate the vehicle in a well ventilated work area, for exhaust gases are poisonous.
- Put the transmission in PARK (for automatic transmission) or NEUTRAL (for manual transmission) and make sure the parking brake is engaged.
- Put blocks in front of the drive wheels and never leave the vehicle unattended while testing.
- Be extra cautious when working around the ignition coil, distributor cap, ignition wires and spark plugs. These components create hazardous voltages when the engine is running.
- Keep a fire extinguisher suitable for gasoline, chemical, and electrical fires nearby.
- Do not connect or disconnect any test equipment while the ignition is on or the engine is running.
- Keep the test equipment dry, clean, free from oil, water or grease. Use a mild detergent on a clean cloth to clean the outside of the equipment as necessary.
- Do not drive the vehicle and operate the test equipment at the same time. Any distraction

may cause an accident.

- Refer to the service manual for the vehicle being serviced and adhere to all diagnostic procedures and precautions. Failure to do so may result in personal injury or damage to the test equipment.
- To avoid damaging the test equipment or generating false data, make sure the vehicle battery is fully charged and the connection to the vehicle DLC is clean and secure.
- Do not place the test equipment on the distributor of the vehicle. Strong electromagnetic interference can damage the equipment.

4.1.1 Stored DTCs

Stored DTCs are the current emission related DTCs from the ECM of the vehicle.

OBDII/EOBD Codes have a priority according to their emission severity, with higher priority codes overwriting lower priority codes. The priority of the code determines the illumination of the MIL and the code erase procedure. Vehicle manufacturers have implemented the ranking differently, so there are differences between makes.

4.1.2 Pending DTCs

Contents

1.General Information

1.1 On-Board Diagnostics (OBDII)

The first generation of On-Board Diagnostics (called OBD I) was developed by the California Air Resources Board (ARB) and implemented in 1988 to monitor some of the emission control components on vehicles. As technology evolved and the desire to improve the On-Board Diagnostic system increased, a new generation of On-Board Diagnostic system was developed.

This second generation of On-Board Diagnostic regulations is called "OBDII". The OBDII system is designed to monitor emission control systems and key engine components by performing either continuous or periodic tests of specific components and vehicle conditions. When a problem is detected, the OBD II system turns on a warming lamp (MIL) on the vehicle instrument panel to alert the driver typically by the phrase of "Check Engine" or "Service Engine Soon".

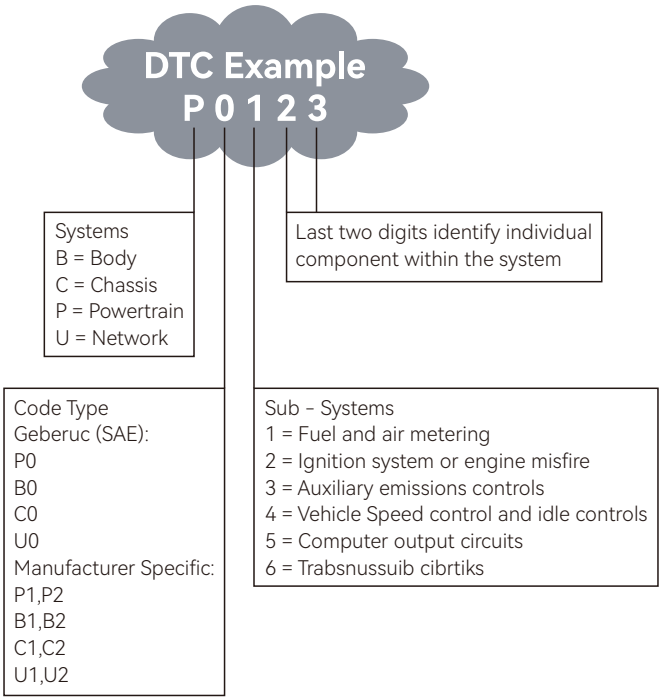
The system will also store important information about the detected malfunction so that a technician can accurately find and fix the problem. Here below follow three pieces of such valuable information:

(1) Whether the Malfunction Indicator Light (MIL) is commanded "on" or "off";
(2) Which, if any, Diagnostic Trouble Codes (DTCs) are stored;
(3) Readiness Monitor status.

1.2 Diagnostic Trouble Codes (DTCs)

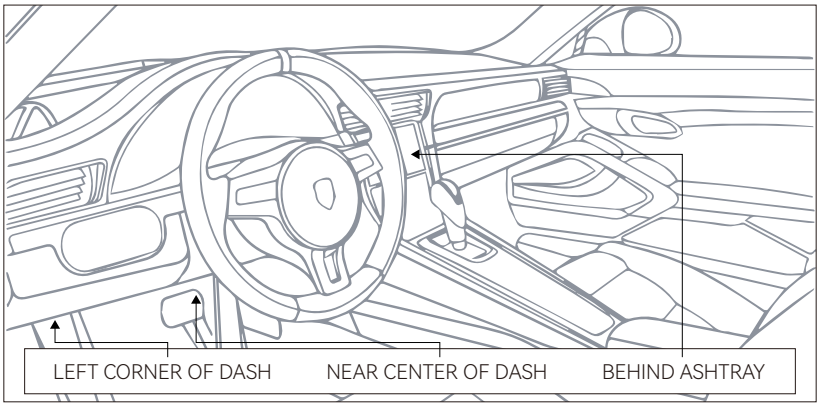
OBD II Diagnostic Trouble Codes are codes that are stored by the on-board computer diagnostic system in response to a problem found in the vehicle. These codes identify a particular problem area and are intended to provide you with a guide as to where a fault might be occurring within a vehicle.

OBD II Diagnostic Trouble Codes consist of a five-digit alphanumeric code. The first character, a letter, identifies which control system sets the code. The other four characters, all numbers, provide additional information on where the DTC originated and the operating conditions that caused it to be set. Below is an example to illustrate structure of the digits:



1.3 Location of the Data Link Connector (DLC)

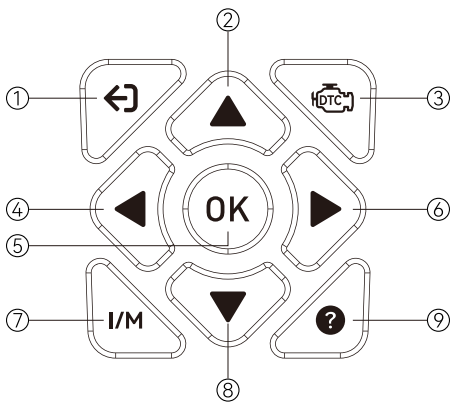
The DLC (Data Link Connector or Diagnostic Link Connector) is the standardized 16-cavity connector where diagnostic scan tools interface with the vehicle's on-board computer. The DLC is usually located 12 inches from the center of the instrument panel (dash), under or around the driver's side for most vehicles. If the Data Link Connector is not located under the dashboard, a label should be there revealing its location. For some Asian and European vehicles, the DLC is located behind the ashtray and the ashtray must be removed to access the connector. If the DLC cannot be found, refer to the vehicle's service manual for the location.



2.Use the Code Reader

2.1 Tool Descriptions

This section illustrates external features, ports and connectors of the code reader.



① **ESC Button:** Returns to the previous screen. For other tests, press ESC button once to exit.

② **Up Button:** Moves up through menu. Moves to previous screen if information covers more than one screen. When looking up DTC, it is used to change value of selected character.

③ **DTC Button:** Quickly and directly enter the Read DTC function.

④ **Left Button:** Moves to previous screen if information covers more than one screen.

⑤ **OK Button:** Confirms a selection from a menu.

⑥ **Right Button:** Moves to next screen if information covers more than one screen.

⑦ **I/M Button:** Quickly checks state emissions readiness and drive cycle verification.

⑧ **Down Button:** Moves down through menu and sub-menus. Moves to next screen if information covers more than one screen. When looking up DTC, it is used to change value of selected character.

⑨ **Help Button:** Accesses to the Help function.

2.2 Accessory Descriptions

This section lists the accessories that go with the code reader. If you find any of the following items missing from your package, contact your local dealer for assistance.

- **Type-C Cable** - Provides connection between the code reader and a computer to update the tool.
- **User Manual** - Provides operation instructions for the usage of the code reader.

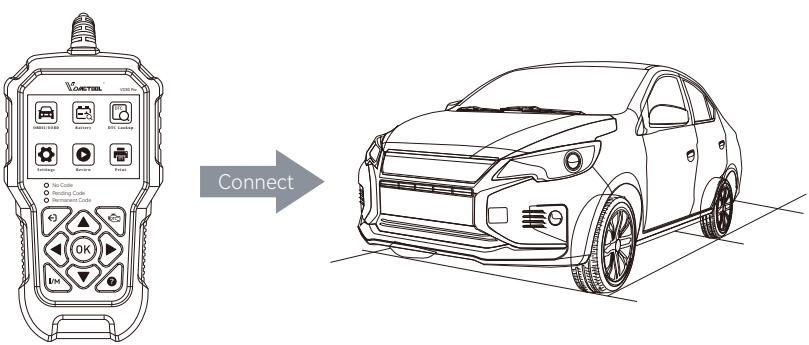
2.3 Technical Specifications

Display: 2.8" TFT color display
Operating Temperature: 0 to 60℃ (32 to 140℉)
Storage Temperature: -20 to 70℃ (-4 to 158℉)
Connection: Lined connection via main cable
Power Source: Powered by connecting to OBDII port or using type-c cable
Vehicle Compatibility: Works on OBDII & EOBD Vehicles (12 volt)
Dimensions (L×W×H): 6.5 × 3.48 × 1.02 inches
Weight: 7.69 ounces

3.Getting Started

3.1 Connecting to Vehicle

Connect the end of the diagnostic cable to the DLC connector in the car.



3.2 Providing Power to Code Reader

Before using the code reader, make sure to provide power to the code reader. The unit operates on any of the following sources:

- 12-Volt vehicle power
- Type-C connection to personal computer

3.2.1 Connecting to Vehicle Power

The code reader normally powers on whenever it is connected to the data link connector(DLC).

To connect to vehicle power:

1. Turn the ignition on.
2. Locate the data link connector (DLC). The DLC is generally located under the dash on the driver side of the vehicle.
3. Connect the code reader with the DLC.
4. The code reader will automatically boot up.

IMPORTANT:

Never try to provide power for the code reader from Type-C connection when the code reader is communicating with a vehicle.

3.2.2 Connecting to Personal Computer with Type-C Cable

The code reader also receives power through the type-c port when it is connected to a PC for updating software and transferring saved files.

1. Insert the small end of the Type-C cable to the type-c port at the right side of the code reader and the large end to computer.
2. The code reader will automatically boot up.

3.3 Application Overview

When the code reader boots up, the home screen opens. This screen shows all applications loaded on the unit.

Following applications are preloaded into the code reader:

- **OBDII/EOBD** - Moves to next screen if information covers more than one screen.
- **Battery** - Shows screen that tests and displays voltage of vehicle battery.
- **DTC Lookup** - Shows screen for diagnostic trouble code lookup.
- **Settings** - Shows screen for access to modify your settings like Language, Unit of Measure, Beep etc.
- **Review** - Shows screen for access to tested data files.
- **Print** - Shows screen for access to printing function.

4. OBDII / EOBD

When OBDII/EOBD application is selected from home screen, a menu that lists all of the tests available on the identified vehicle will display.

Menu options typically include:

- Read DTC
- Clear DTC
- Live Data
- Freeze Frame
- MIL Status
- Vehicle Info
- O2 Sensor
- Mode 6
- Mode 8

4.1 Read DTC

Read DTC menu lets you read stored codes, pending codes and permanent codes found in the control unit.

Typical menu options include:

- Stored DTCs
- Pending DTCs
- Permanent DTCs
- Record DTC

To Read DTC from a vehicle:

1. Press the DTC hot key to directly read the codes or use the UP / DOWN / LEFT / RIGHT key to highlight Read DTC from OBDII/EOBD menu and press the OK key.
2. Select Store DTCs/Pending DTCs/Permanent DTCs and press the OK key to confirm.
3. A code list including code number and its description displays.

4.1.1 Stored DTCs

Stored DTCs are the current emission related DTCs from the ECM of the vehicle.

OBDII/EOBD Codes have a priority according to their emission severity, with higher priority codes overwriting lower priority codes. The priority of the code determines the illumination of the MIL and the code erase procedure. Vehicle manufacturers have implemented the ranking differently, so there are differences between makes.

4.1.2 Pending DTCs

The purpose of this function is to enable the code reader to obtain “Pending” or maturing diagnostic trouble codes. These are codes whose setting conditions were met during the

last drive cycle, but need to be met on two or more consecutive drive cycles before the DTC actually sets.

Use this function following a vehicle repair and code clearing procedure to verify test results after a single drive cycle.

- If a test failed during the drive cycle, the DTC associated with that test is reported. If the pending fault does not occur again within 40 to 80 warm-up cycles, the fault is automatically cleared from memory.
- Test results reported by this function do not necessarily indicate a faulty component or system. If test results indicate another failure after additional driving, then a DTC is set to indicate a faulty component or system, and the MIL is illuminated.

4.1.3 Permanent DTCs

This option displays a record of any "Permanent" codes. A permanent status DTC is one that was severe enough to illuminate the MIL at some point, but the MIL may not be on at the present time.

Whether the MIL was switched off by clearing codes or because the setting conditions did not repeat after a specified number of drive cycles, a record of the DTC is retained by the ECM. Permanent status codes automatically clear after repairs have been made and the related system monitor runs successfully.

4.1.4 Record DTC

This function allows you to record the DTCs if there are trouble codes in your vehicle.

4.2 Clear DTC

This function is performed with key on and engine off. After clearing codes, you should retrieve trouble codes once more. If there are still some trouble codes for hard troubles, please find the reason caused the trouble code firstly, and then solve the problem.

To Clear DTC from a vehicle:

1. Use the UP / DOWN / LEFT / RIGHT key to highlight Clear DTC from OBDII / EOBD menu and press the OK key.
2. Follow the on-screen instructions and answer questions about the vehicle being tested to complete the procedure.
3. Check the codes again. If any codes remain, make some parts repaired or replaced until the codes are completed cleared.

4.3 Live Data

Live Data menu lets you view, record and playback real-time PID data from the electronic control module.

- View All Items

- Select Items
- View Graphic Items
- Record All
- Record Select

4.3.1 View All Data

The View All Data function allows real-time viewing of the vehicle's electronic control unit's PID data, including engine coolant temperature, long/short fuel trim, engine RPM and etc.

4.3.2 Select Items

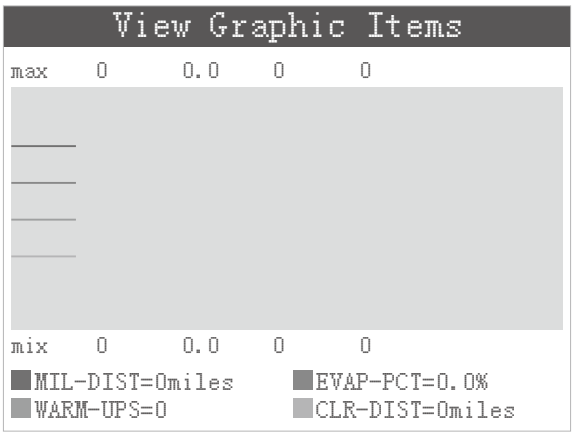
This function allows you to view the PID data you selected.

To view selected PID data:

1. Use the UP / DOWN / LEFT / RIGHT keys to move to the data you want and press OK key to confirm.
2. Press ESC key, the data you selected will show up.

4.3.3 View Graphic Items

This function allows you to view the PID data as a graphing.



4.3.4 Record All

The Record All function is used to record PIDs to help diagnose intermittent drivability problems that can't be determined by any other method.

4.3.5 Record Select

The Record Select function allows you to record the PID data you selected.

⚠ CAUTION

Do not operate the code reader while driving; always have two persons in vehicle when recording-one to drive and the other to operate the code reader.

⚠ NOTE

Different vehicles communicate at different speeds and support a different number of PIDs. Therefore, the maximum number of frames that can be recorded varies.

4.4 Freeze Frame

Freeze frame menu displays freeze frame data, a snapshot of critical vehicle operating conditions automatically recorded by the on-board computer at the time of the DTC set. It is a good function to help determine what caused the fault. You can also record freeze data in this function.

To view freeze frame data:

1. Select Freeze from the OBDII / EOBD Menu. Details of freeze frame data displays.
2. .Use the UP / DOWN arrow keys to scroll through data to select lines, and LEFT / RIGHT arrow keys to scroll back and forth through different screens of data. If no freeze frame detected, the massage “The vehicle does not have freeze frame data.” is displayed.

4.5 I/M Readiness

I/M Readiness hot key allows you to view a snapshot of the operations for the emission system on OBDII/EOBD vehicles.

I/M Readiness is a useful function used to check if all monitors are OK or N/A. The vehicle's computer performs tests on the emission system during normal driving conditions. After a specific amount of drive time (each monitor has specific driving conditions and time required), the computer's monitors decide if the vehicles emission system is working correctly.

When the monitor's status is:

- OK – Vehicle was driven enough to complete the monitor.
- INC (Incomplete) – Vehicle was not driven enough to complete the monitor.
- N/A (Not Applicable) – Vehicle does not support that monitor.

There are two types of I/M Readiness tests:

- Since DTCs Cleared – Shows status of the monitors since the DTCs were last cleared.
- This Drive Cycle – Shows status of monitors since the start of the current drive cycle.

Below is a list of abbreviations and names of OBD II monitors supported by the code reader.

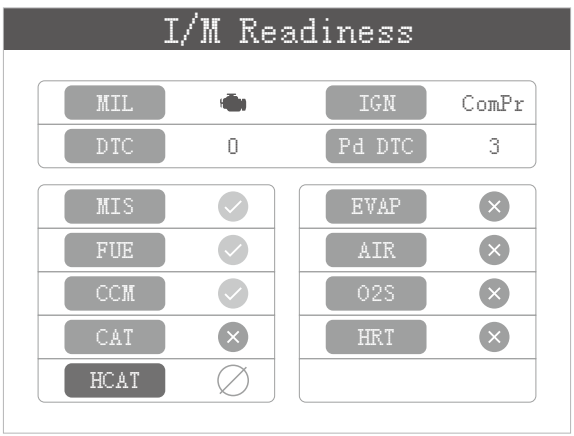
No	Abbreviation	Name
1	MIS	Misfire Monitor
2	FUEL	Fuel System Monitor
3	CCM	Comprehensive Components Monitor
4	CAT	Catalyst Monitor
5	HCAT	Heated Catalyst Monitor
6	EVAP	Evaporative System Monitor
7	AIR	Air Conditioning Refrigerant Monitor
8	O2S	Oxygen Sensor Monitor
9	HTR	Oxygen Sensor Heater Monitor

⚠ NOTE

- To review I/M Readiness status, make sure that the ignition key is switched to ON with the engine off.
- Not all monitors are supported by all vehicles

To retrieve I/M Readiness Status data by one-click I/M Readiness key:

1. Press the I/M Readiness hot key on the keypad and the following screen displays.



2. Colored LED and build-in beeper provide both visual and audible reminders for emission check and DTCs.

Below is the interpretation of the LED and build-in beeper.

When the LED is:

- Green - Indicates that engine systems are "OK" and working properly (the number of Monitors equipped with the vehicle which have run and performed their self-diagnostic testing is in the allowed range. MIL is off.) No stored and pending DTCs exist. The vehicle is ready for an Emissions Test.
- Yellow - The tool finds a possible problem. It indicates the following two conditions:

  Pending DTCs exist. Please check the I/M Readiness test result screen and use the Read Codes function to view detailed codes information.

  Some of the vehicle's emission monitors have not working properly. If the I/M Readiness screen shows no DTC (including pending DTC), but the Yellow LED is still illuminated, it indicate a "Monitor Has Not Run" status.
- Red - Indicates some problems exist with one or more of the vehicle's system, and the vehicle is not ready for an Emissions Test. As well there are DTCs found. The MIL lamp on the vehicle's instrument panel will light steady. The problem that is causing the illumination of Red LED should be fixed before an Emissions Test or driving the vehicle further.

The built-in beeper works with the colored LED simultaneous, as an assistance to reflect the I/M Readiness test results:

- Green - two long beeps.
- Yellow - short, long, short beeps.
- Red - four short beeps.

⚠ NOTE

The built-in beeper which makes different tones corresponding to different LED indicators is invaluable when the test is performed while driving or in bright areas where LED illumination may not be visible.

4.6 Vehicle Information

Vehicle Information allows you to request the vehicle's VIN number, calibration ID(s) which identifies software version in vehicle control module(s), calibration verification numbers (CVN(s)) and in-use performance tracking on model year 2000 and newer OBD II compliant vehicles.

CVNs are calculated values required by OBD II regulations. They are reported to check if emission- related calibrations have been changed. Multiple CVNs may be reported for a control module. It may take several minutes to do the CVN calculation. In-use performance tracking tracks performance of key readiness monitors.

⚠ NOTE

Available options will vary depending on the vehicle under test.

To request vehicle information:

1. Use the UP / DOWN / LEFT / RIGHT key to highlight Vehicle Info from OBDII/EOBD menu and press the OK key.

2. Use the UP / DOWN / LEFT / RIGHT key to highlight an available option and press the OK key. A screen with details of the selected option displays.

4.7 O2 Sensor

O2 Sensor opens a menu of tests available for checking the integrity of the oxygen sensors.

Making a selection displays all of the pertinent O2S parameters for the specific test. The test identification (ID) displays at the top of the data list.

4.8 Mode 6

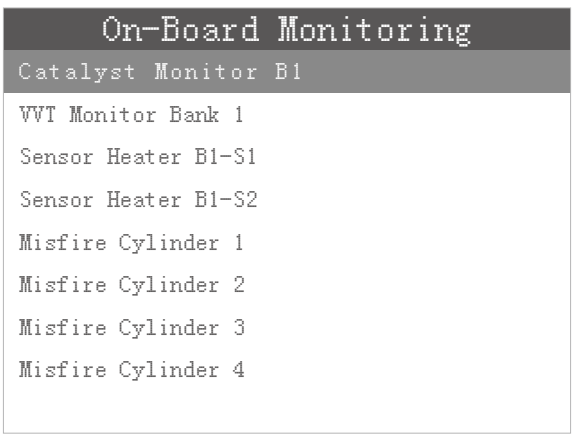
The Mode 6 (On-Board Monitor Test) function is useful after servicing or after clearing a vehicle ECU's memory. It receives test results for emission-related powertrain components and systems that are not continuously monitored for Non-CAN vehicles. And for CAN vehicles, it receives test data for emission-related powertrain components and systems that are and are not continuously monitored. It is vehicle manufacturer who is responsible for assigning test and component IDs.

⚠ NOTE

Test results do not necessarily indicate a faulty component or system.

To request On-board Monitor Test results:

1. Use the UP / DOWN / LEFT / RIGHT key to highlight Mode 6 from OBDII/EOBD menu and press the OK key.
2. A screen will show:



3. Use the UP / DOWN / LEFT / RIGHT key to highlight a test group and press the OK key to confirm, A screen with details of the selected sensor displays. Use the UP/DOWN arrow

keys to scroll back and forth through different screens of data.

4.9 Mode 8

The Mode 8 (Component Test) allows the code reader to control operation of vehicle components, tests of systems.

⚠ NOTE

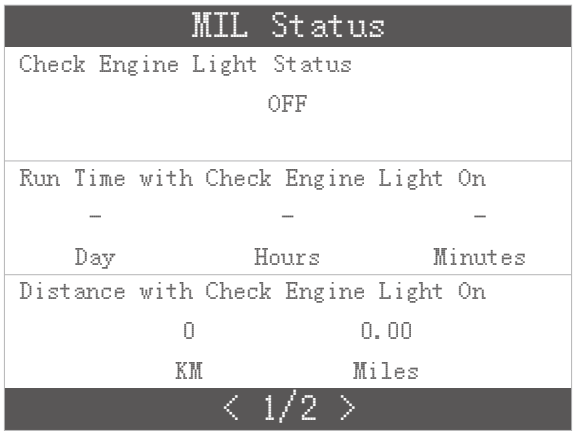
- Some manufactures do not allow tools to control vehicle systems.
- The manufacturer sets the criteria to automatically stop test. Refer to appropriate vehicle service manual before using this function.

To perform a component test:

1. Use the UP / DOWN / LEFT / RIGHT key to highlight Mode 8 from OBDII/EOBD menu and press the OK key.
2. Use the UP / DOWN / LEFT / RIGHT key to highlight a system or component, press the OK key to start test and the code reader displays the message “Command Sent!”.
3. Press the BACK key to exit and return.

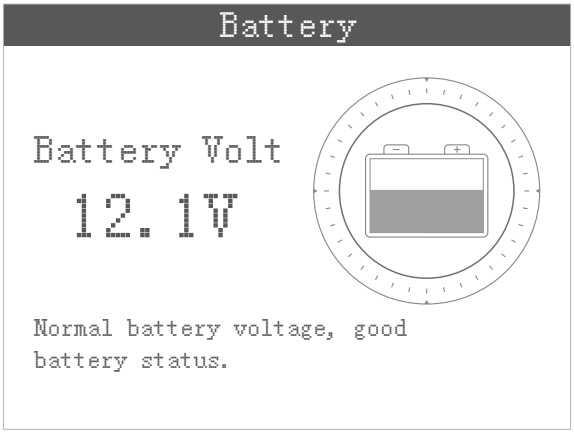
4.10 MIL Status

Performing MIL Status function, it will show you some detailed information, such as the Check Engine Light status, the Run Time with Check Engine Light on, the Distance with Check Engine Light on and etc.



5. Battery

Selecting Battery option opens a screen that tests and display voltage of your vehicle’s battery.



6. DTC Lookup

DTC Lookup menus allows to request DTC definitions stored in the code reader.

To Lookup DTCs:

1. Use the LEFT / RIGHT key to highlight DTC Lookup from Home Screen and press the OK key.
2. Use the LEFT / RIGHT key to select the desired character, then press the UP / DOWN key to change the digit you want to enter. Press the OK key to confirm.
3. 3.A screen with code number and its definition displays. If definition could not be found (SAE or Manufacturer Specific), the code reader displays:"DTC definition not found! Please refer to vehicle service manual!" If a P1xxx, C1xxx, B1xxx or U1xxx code is entered, select a vehicle make to look for DTC definitions. Press the BACK key to exit.

7. Settings

This section illustrates how to program the code reader to meet your specific needs.

When Settings application is selected, a menu with available service options displays.

Menu options typically include:

- Language
- Help
- Unit of measure
- Beep
- Device Self-Test

7.1 Language

Selecting Language opens a screen that allows you to choose system language.

To configure system language:

1. Use the UP / DOWN / LEFT / RIGHT key to highlight Settings from home screen and press the OK key.
2. A screen of a list of menu options displays.
3. Press the UP / DOWN / LEFT / RIGHT key to select Language and choose the language you desired and then press the OK key to confirm. Press the BACK key to exit and return.

7.2 Help

Selecting Settings > Help option opens a screen containing 3 options.

Menu options typically include:

- Tool Information
- About OBD
- About Datastream

7.2.1 Tool Information

This option will show information about your code reader, such as e serial number and software version.

To view information of your code reader:

1. Use the UP / DOWN / LEFT / RIGHT key to highlight Settings from home screen and press the OK key.
2. Use the UP / DOWN / LEFT / RIGHT key to highlight Help menu and press the OK key, a screen with detailed information of the code reader displays.

7.2.2 About OBD

This option will show you what is OBD, OBDII modes and vehicle coverage.

7.2.3 About Datastream

Unit of Measure opens a dialog box that allows you to choose between US customary or metric unitsof measure.

7.3 Unit of Measure

Unit of Measure opens a dialog box that allows you to choose between US customary or metric unitsof measure.

1. Use the UP / DOWN / LEFT / RIGHT keys to highlight Unit of Measure from Settings menu and press the OK key.
2. Press the UP / DOWN / LEFT / RIGHT key to select an item and press the OK key to save and return.

7.4 Beep

Beep opens a dialog box that allows you to turn on/off the built-in speaker for key pressing.

7.5 Device Self-Test

Device Self-Test opens a dialog box that allows you to check if the LCD display and the operation of keypad and LED are working correctly.

Typical menu includes:

- Screen Test
- Key Test
- LED Test

7.5.1 Screen Test

Selecting Screen Test option opens a screen that allows you to check the functionality of the screen.

To test the screen:

1. Use the UP / DOWN / LEFT / RIGHT key to highlight Screen Test from Settings menu and press the OK key to start test.
2. Check if there are any missing spots in the LCD screen.
3. To quit the test, press the BACK key.

7.5.2 Key Test

Selecting Key Test option opens a screen that allows you to check the functionality of the keypad.

To test the keypad:

1. Use the UP / DOWN / LEFT / RIGHT key to highlight Key Test from Settings menu and press the OK key.
2. Press any key to start test. Key name or scroll direction will show on screen when you press a key.
3. To quit the test, double press BACK to return.

7.5.3 LED Test

Selecting LED Test option opens a screen that allows you to check the functionality of the LED.

To test the LED:

1. Use the UP / DOWN / LEFT / RIGHT key to highlight LED Test from Settings menu and press the OK key to start test.
2. The LED will turn on if it can work properly.
3. To quit the test, press the BACK key.

8. Review

The Review function leads to screens for review of recorded test results.

Menu options typically include:

- Review DTC
- Review Datastream
- Review Freeze Frame
- Delete DTC Data
- Delete Datastream
- Delete Freeze Frame

To review or delete recorded data:

1. Use the UP / DOWN / LEFT / RIGHT key to highlight Review from home screen and press the OK key.
2. Six options will show up letting you to review or delete the data.
3. Use the UP / DOWN / LEFT / RIGHT key to highlight an option and press the OK key and then you can review of delete the data.

9. Updating Software and Printing

9.1 Updating the Code Reader

To update the code reader, you need following tools:

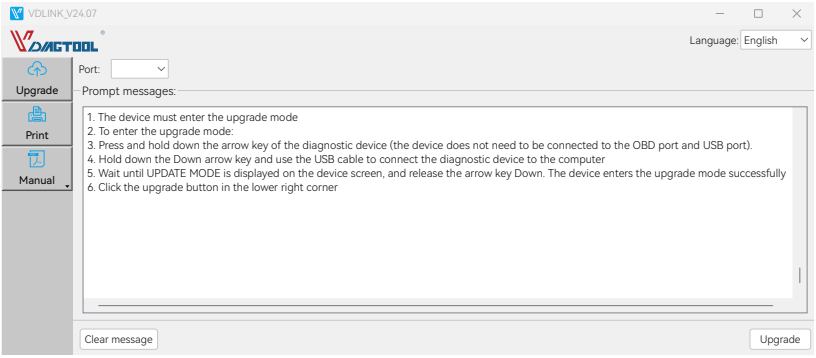
- OBDII/EOBD Code Reader
- VD30 Pro Update Client
- PC or laptop with USB Ports and Internet explorer
- Type-C cable

To be able to use update tool, PC or laptop must meet the following minimum requirements:

- **Operation System:** All Windows systems, Win 8 to Win 11.
- **CPU:** Intel PIII or better
- **RAM:** 64MB or better
- **Hard Disk Space:** 30MB or better
- **Display:** 800 × 600 pixel. 16 byte true color display or better
- **Internet Explorer:** 4.0 or newer

Update Procedure:

1. Download the VD30 Pro Update Client and update files from our website www.vdiagtool.com and save the applications and files in computer disk.
2. Unzip the Update Client. Follow instructions on computer screen to install the tool and driver.
3. Double click the VD30 Pro desk top icon to launch the application.

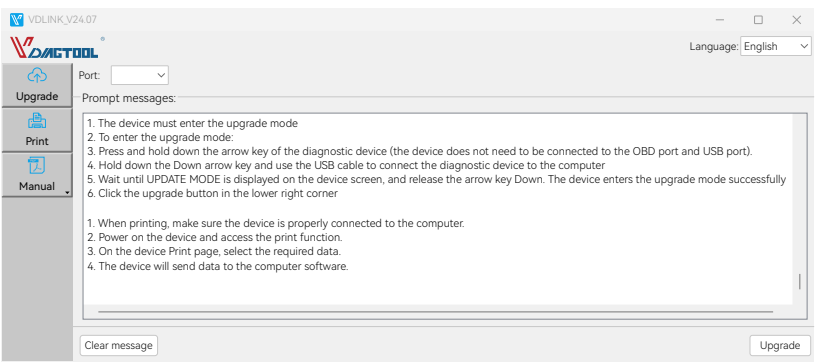


4. Enter the upgrade mode.
5. Press and hold down the arrow key of the diagnostic device (the device does not need to be connected to the OBD port)
6. Hold down the Down arrow key and use the USB cable to connect the diagnostic device to the computer
7. Wait until UPDATE MODE is displayed on the device screen, and release the arrow key Down. The device enters the upgrade mode successfully.
8. Click the upgrade button in the lower right corner to upgrade your device

9.2 Printing

The Print Data function is used to print test results through computer.

To Print test results:



1. When printing, make sure the device is properly connected to the computer.
2. Power on the device and access the print function.

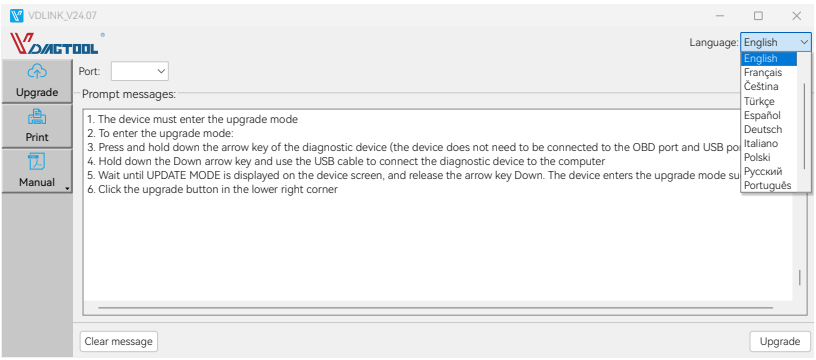
3. On the device Print page, select the required data.
4. The device will send data to the computer software.

9.3 Manual

A copy of user manual in PDF format will show up when you click the option.

9.4 language settings

This option opens a screen that allows you to set the language of the tool.



10. Warranty
Limited One Year Warranty

This warranty is expressly limited to buyer who purchase VDIAGTOOL VD30 Pro product for purposes of resale or use in the ordinary course of the buyer's business.

VDIAGTOOL VD30 Pro is warranted against defects in materials and workmanship for one year (12 months) from date of delivery to the buyer. This warranty does not cover any part that has been abused, altered, used for a purpose other than for which it was intended, or used in a manner inconsistent with instructions regarding use. The exclusive remedy for any tool found to be defective is repair or replacement, and it shall not be liable for any consequential or incidental damages.

11. Contact Us

Warranty & Support

E-mail: support@vdiagtool.com

Website: www.vdiagtool.com

For wholesale business or become our distributors:

E-mail: sales@vdiagtool.com

Share us with your friends, join our community to get tutorials, support and more. Scan QR code below to subscribe to our social media:

Facebook Page:
https://www.facebook.com/profile.php?id=61550760872613

Facebook User Group:
https://www.facebook.com/groups/1278852129665315

Instagram:
https://www.instagram.com/vdiagtool_official

X:
https://twitter.com/VdiagTool

TikTok:
https://www.tiktok.com/@vdiagtool_official

YouTube:
https://www.youtube.com/@VdiagTool12

Reddit:
https://www.reddit.com/r/vdiagtool

Invent with us, test products before they hit market, help us make better products for everyone:

E-mail: inventers@vdiagtool.com

Create social media content, post online and help our community:

E-mail: marketing@vdiagtool.com