

Autoboss V30 Scanner is first choice of auto scanner. A competitive troubleshooter and your money maker.

Anytools Tech Co.,Ltd engaged in automotive diagnostic tools of high-tech enterprises. Established in 2008. Supplies all kinds of diagnostic scanners, such as Autoboss v30, Launch X431 Master, Launch x431 diagan, Tacho pro v2008, MB Star C3, MB Star C4, SUPER MB STAR C5, GM Tech 2, AUTOCOM, renault can clip, Peugeot Lexia3 Citroen PP2000, BMW GT1,BMW OPS, Ford VCM IDS, Nissan Consult 3, Toyota Denso, digimaster iii, SBB Key Programmer, T300 key programmer,Super AD900 Key programmer and so on.

Autoboss V30 Scanner user manual

V30 Diagnostic Computer main unit maintenance:

Avoid shaking or dismantling as it may damage the internal components;

Do not use hard or sharp objects to touch the LCD screen; do not use excessive force; do not expose the screen to strong sunlight for a long period;

Caution: keep it away from water, moisture, high temperature or very low temperature;

If necessary, calibrate the screen before testing to ensure the accuracy of LCD performance;

Keep the main unit away from strong magnetic fields.

Operation Instructions

For safe operation please follow the instructions below; Keep the scanner away from heat or fumes when using it;

If the vehicle battery contains acid, Please keep your hands and skin or fire sources away from the battery during testing;

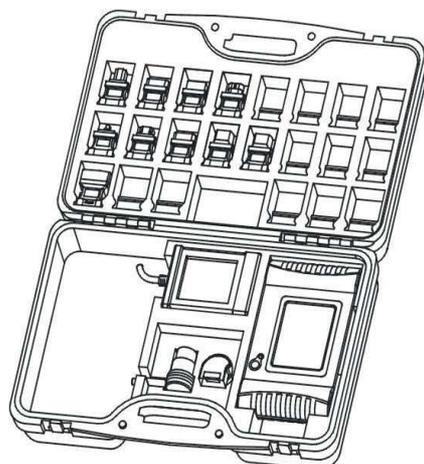
Exhaust gas of vehicle contains harmful chemicals, please ensure adequate ventilation;

Do not touch the cooling system components or exhaust manifolds when engine is running ue to the high temperatures reached;

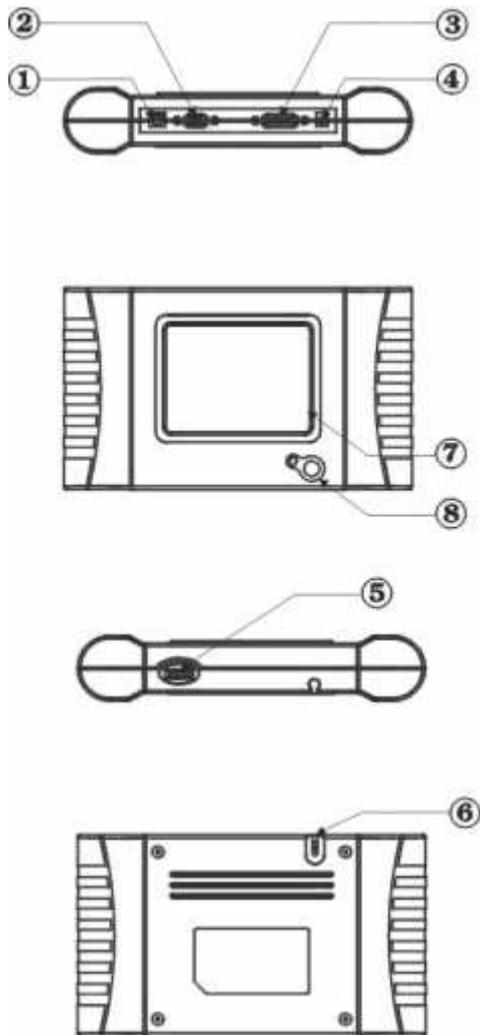
Make sure the car is securely parked and the selector is at P or N position to prevent the vehicle from moving when engine starts;

Make sure the (DLC) diagnostic link connector is ok before starting the test, otherwise the scanner may be damaged. Autoboss suggests you test the Power/Earth with Multimeter first;

Do not switch off the power or unplug the connectors during testing, otherwise you may damage the ECU or scanner.



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1.1 Function and Feature

OE level coverage for European, Asian, American and Chinese cars

Supports Multi-language

Multiple-tasking

PC link available

CAN-BUS with high/low speed

One OBDII connector for all CAN bus systems

Continuous software update online

High resolution TFT display

6-layer electronic circuit board

Self-check function

1.2 Layout of Main Unit

The main unit layout is as shown in left picture.

- ① USB Port
- ② COM Port
- ③ Diagnostic Port
- ④ Power Port
- ⑤ SD slot

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- ⑥ Touch Pen slot
- ⑦ Touch Screen
- ⑧ Power Switch

1.3 Technical Parameters

CPU: SAMSUNG ARM9 2410A, 200MHz;

Memory: 64M;

Flash card: SD card, 1G

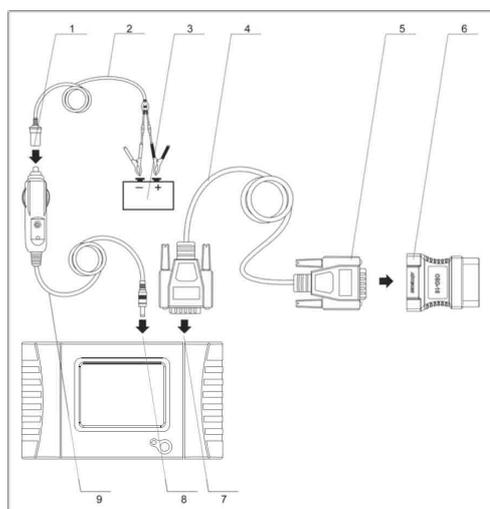
Display: 5.6" VGA (640×480) ultra bright TFT;

Power supply: DC 8~12V, AC 110~250V 50Hz;

Port: Diagnosis port, COM port, USB port, Power Port;

Operating system: WINDOWS CE; Storage temperature: -30~90°C; Working temperature: -10~80°C;

Humidity: <90%.



- 1. Cigarette lighter plug
- 2. Battery cable
- 3. Battery
- 4. Main cable
- 5. Main cable adaptor
- 6. Connector
- 7. Diagnosis port
- 8. Power port
- 9. Cigarette lighter

2.1 Power Supply & Cable Connection

2.1.1 Power Supply

There are 3 ways to get power for V30 Diagnostic Computer. From:

- ① Vehicle DLC, no external power supply needed
- ② Cigarette lighter
- ③ Battery

2.1.2 Cable Connection

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How to get power supply:

- ① Use Cigarette lighter or Battery cable to power main unit if DLC is not self-powered.
- ② No external power supply needed if DLC is self-powered.
- ③ NOTE: ALL 16 PIN DLC connectors have 12v supply and earth for scan tools. How cables are connected:

- ① Check the type of DLC to see if external power supply is required.
- ② Select corresponding connectors for car make and DLC.
- ③ Connect one end of main cable to the main unit and the other end to the connector.
- ④ Plug the connector in to the DLC on car.
- ⑤ Turn on the unit using the power button to start testing.

2.2 Interface Instruction

2.2.1 Starting Interface

The interface shown on the left picture will appear on the screen after the scanner is switched on.



2.2.2 Touch Screen Calibration

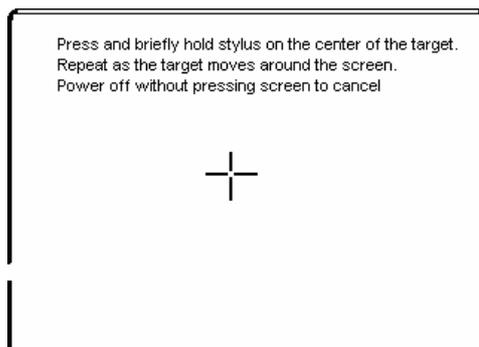
Several seconds after power is switched on, the screen will go into calibration mode. Click anywhere on the screen to start calibration if necessary.

Note: Just wait for several seconds until the diagnosis program runs if screen calibration is not required.



Click on the center of cross with touch pen according to the instruction on the screen. Repeat the operation as the cross moves until the setting is finished.

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After the scanner is started, you will come to the screen shown on the left picture which includes the functions of [Diagnose], [Setting], [Self-check] and [PC link], [Version]] and [Power off].



After entering [Diagnose], you will enter the diagnostic interface where you can select the region of vehicle manufacturer required: China, Europe, Asia, America and Others(OBD II /EOBD).

Europe: This section includes the diagnostic programs for European vehicles.

Asia: This section includes the diagnostic programs for Asian and Korean vehicles.

America: This section includes the diagnostic programs for US vehicles.

China: This section includes the diagnostic programs for Chinese vehicles.

Others: This diagnostic program can test all vehicles with OBD II /EOBD and CAN-OBD.

2.2.4 System Setting

Click on the button [Setting] to enter settings for language, time, download and unit.

2.2.4.1 Language Setting

V30 supports Multilanguage. Choose any language needed under [working language] and press [OK] to finish language setting.



2.2.4.2 Time Setting

Click on the button [Set time] to enter the menu for time selection. By clicking on signs of “▼” or “▲” ,

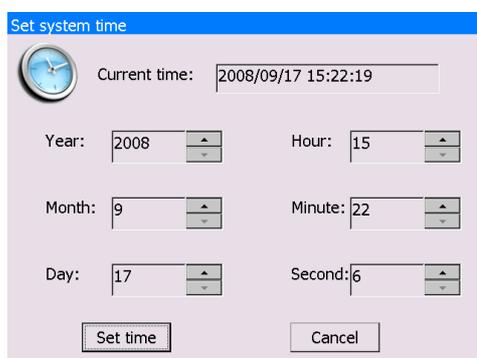
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numbers will increase or decrease correspondingly.

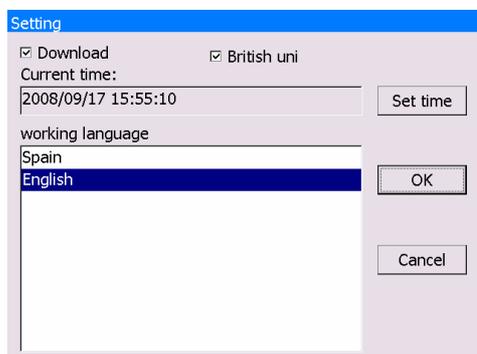


Click on the button [Set time] to finish the setting. The dialog box “Set system time successfully!” will popup. Click [OK] to save the setting or [Cancel] to exit.

2.2.4.3 Download Communication Protocol

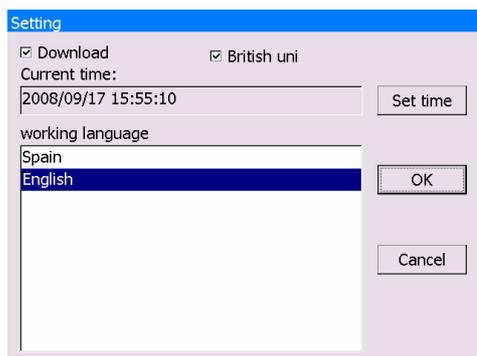


This function is for communication unit initialization. When selected, a progress bar will be shown under the version information of each diagnostic program to indicate status of program download.



2.2.4.4 Display Data Stream in British Unit

The data stream will be displayed in British unit after [British unit] is chosen.



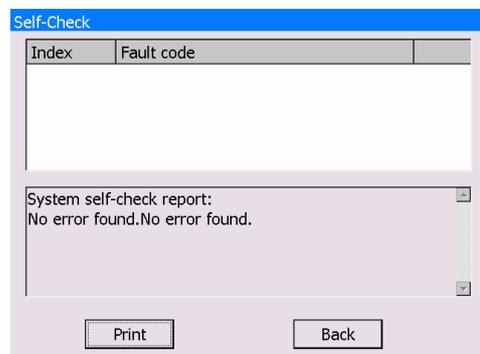
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2.2.5 Self Test

This is for hardware checking. Click on the button

[Self check] and any hardware faults will be displayed. Please contact local distributor if a hardware problem is reported.

If there are no hardware errors, the checking result will be "System Self test report: No error found."

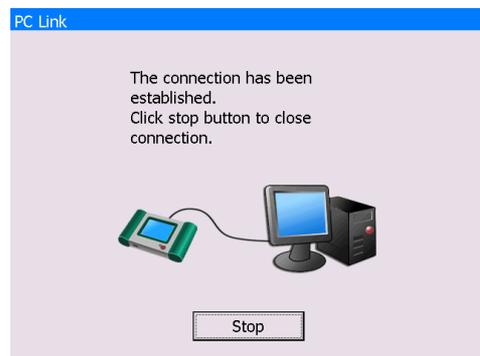


2.2.6 PC LINK

The control unit of V30 diagnostic computer can be remotely operated via PC/Laptop by installing PC LINK software.

Connect V30 main unit and PC with the COM cable and run the PC LINK software on the PC, you will be able to test vehicles from the PC interface as shown on the left.

Note: Please contact the local distributor or AUTOBOSS office for the PC LINK software.



2.2.7 Version Information

Click on the button [About] to get the version information of Hardware version, Software Serial number, Release date, etc

Click [Back] to exit.



Click on [Exit] of main menu to switch off the V30 main unit. Warning dialog box "Do you want to shutdown

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this device?" will popup. Click [No] to return to the operating menu. Click [Yes] to switch off the main unit.



If you are interested in our Autoboss v30 scanner, please contact us.