

streetwize

Auto Diagnostic OBDII Fault Scanner with Colour Screen

SWOBD7

Intention For Use

Thank you for purchasing this Auto Diagnostic OBDII Fault Scanner with Colour Screen.

An advanced OBDII vehicle diagnostic reader that comes with a TFT colour display. The device provides clear Diagnostic Trouble Code (DTC) readings to pinpoint the reason behind why an engine warning light is showing.

Please read through the information in this document. Please keep this document for future reference.



Product Information

SWOBD7 works on all 1996 and later 12V petrol and diesel vehicles that are OBDII compliant US, European and Asian vehicles. For your vehicle to be OBD II compliant it must have a 16-pin DLC (Data Link Connector) and the Vehicle Emission Control Information Label must state that the vehicle is OBDII compliant

The SWOBD7 can identify the cause of your CHECK ENGINE and perhaps fix it. It can help you to pass annual emissions tests and SMOG CHECK.

It covers full OBDII/EOBD diagnostic functions for engine systems, O2 Sensor test, EVAP systems test and on-board monitoring test, it can give you full control of your vehicle's running status, while the graphical and numeric data stream display will help you to find out the faulty sensor readings.

SWOBD7 can read common fault codes and can help to find the problem quickly and accurately, thus enabling quick vehicle repair.

It support multi-languages, you can use the Find Tool Setup, then select the language you require.

Cleaning and Maintenance

To prevent personal injury or damage to vehicles and/or the scan tool, read this instruction manual first and observe the following safety precautions at a minimum whenever working on a vehicle:




- 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: Exhaust gases are poisonous.
- Put blocks in front of the drive wheels and never leave the vehicle unattended while running tests.
- Use extreme caution when working around the ignition coil, distributor cap, ignition wires and spark plugs. These components create hazardous voltages when the engine is running.
- Put the transmission in PARK (for automatic transmission) or NEUTRAL (for manual transmission) and make sure the parking brake is engaged.
- Keep a fire extinguisher suitable for petrol/chemical/electrical fires nearby.
- Don't connect or disconnect any test equipment while the ignition is on or the engine is running.
- Keep the scan tool dry & clean, free from oil/water or grease. Use a mild detergent on a clean cloth to clean the outside of the scan tool, when necessary.

Technical Parameters

Voltage Measurement Range: 6-18V DC.

Unit Operation/Buttons

1. ESC: exit
2. I/M: quick enter I/M Readiness
3. Up
4. Down
5. Left
6. Right
7. OK - Enter

8.  Engine system operates normally without fault codes
9.  Engine system is abnormal and there is pending fault code
10.  Engine system has fault, and check engine light is on.



Features and Functions

Voltmeter function and battery level indicator.

Cranking System Test; Analyze the state of the cranking system, display the cranking voltage, and the cranking time.

Graphs of the waveform of the Cranking System.

Charging System Test; Analyze the state of the charging system, waveform of the ripple test, unload and load voltage.

Easily determines the cause of the Check Engine Light (MIL).

Turns off Check Engine Light (MIL), clears codes and resets monitors.

Displays DTC definitions on unit screen.

Views freeze frame data.

Displays monitor and I/M readiness status (emissions).

Identifies pending codes.

Read live PCM data stream.

Displays live O2 sensor test data.

Graphs data (1996 and newer).

Reads, stores & playbacks live sensor data, DTC data and freeze frame data.

Performs modules present test.

Retrieves vehicle information (VIN, CIN and CVN).

Supports CAN (Controller Area Network) and all other current.

OBD-II protocols.

Built-in OBD-II DTC lookup library.

Large easy-to-read backlit LCD screen.

Main Menu

When the OBDII plug is connected to the vehicle OBDII socket the main menu will display on the unit - to begin diagnostics turn the ignition key of the vehicle to standby.



To Diagnose Vehicle

Select Diagnose from the main screen, after a short analysis the following screen will show. Press OK and select the error/information you wish to see from the list of functions opposite.

I/M Readiness

Select I/M Rediness from the main screen or press the I/M Rediness button the front of the unit then press OK, the following screen will show

Read Codes	On-Board
Erase Codes	Monitoring
I/M Readiness	Evap System
Data Stream	(mode\$8)
Freeze Frame	Vehicle
O2 Sensor Test	Information

Monitor Status	
MIL Status	OFF
DTCs in this ECU	0
Monitors OK	0
Monitors INC	0
Monitors N/A	10
Voltage	13.85V
Ignition	Spark
Protocol Type	CAN(11bit)

I/M Readiness			
MIL		IGN	Spark
DTC		Pd DTC	
MIS		EVAP	
FUE		AIR	
CCM		O2S	
CAT		HRT	
HCAT		EGR	

DTC Lookup

Select DTC Lookup on the main menu and press OK and follow the onscreen instructions.

DTC Lookup
P0100
[L&R] change input.
[U&D] change value.
[ENTER] confirm.
[ESC] to Exit.

Battery System

Select Battery System on the main menu and press OK and follow the onscreen instructions.

Battery Test
Cranking Test
Charging Test

Voltmeter

Select Voltmeter on the main menu.

Voltmeter
13.86V
Battery Test Charging
Charging Test NORMAL

Review History

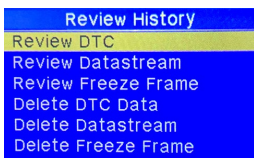
Select Review History on the main menu and press OK and follow the

Review History
Review DTC
Review Datastream
Review Freeze Frame
Delete DTC Data
Delete Datastream
Delete Freeze Frame

Review History

Select Review History on the main menu and press OK and follow the onscreen instructions.

To check the information as listed opposite.



Tool Setup

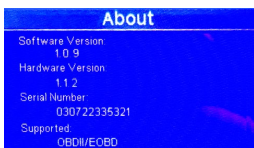
Select Tool Setup on the main menu and press OK, follow the onscreen instructions to select language and other information.

Help

Select Help on the main menu and press OK and follow the onscreen instructions to select from a comprehensive list of topics.

About


Select About on the main menu and press OK to see information regarding the current software versions and other information.



Technical Support

If you require any technical support within the warranty period, please contact us on support@streetwize.co.uk and provide the product name and supplier code (see front of manual) along with the technical query and proof of purchase.



The WEEE symbol  on this product means that this product should be ethically dismantled or recycled to minimise environmental impact. Please check with your local authority for more information.

Important: Additional Safety Information

This device is **NOT** intended for use by persons (including children) with reduced physical, sensory or mental capabilities or lack of experience and knowledge, unless they are supervised or have been given instruction concerning use of the device by a person responsible for their safety.



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