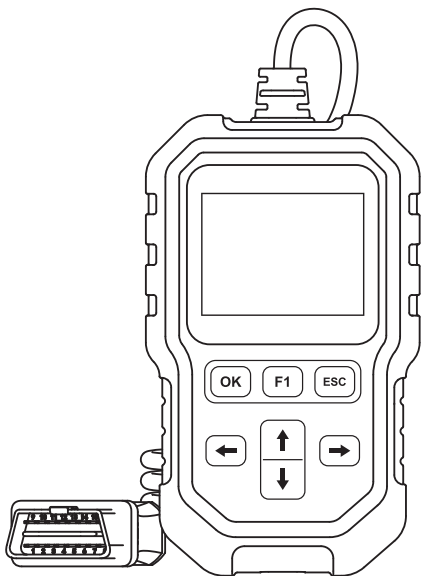


OBD2 SCANZ

Motorcycle Scanner User's Manual



The appearance is based on Harley motorcycle scanner FSTHRL. Other product models are based on the actual product appearance.

Trademarks

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Disclaimer

The information, specifications and illustrations in this manual are based on the latest information available at the time of printing.

OBD2 SCANZ reserves the right to make changes at any time without notice.

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1. Safety Precautions

For safe operation, device protection, and accurate diagnostics, strictly follow these core guidelines:

1.1 Operating Environment

- Work in well-ventilated, dry areas away from flammable materials.
- Avoid exposure to high temperatures, moisture, oil, and water to prevent device damage or short circuits.

1.2 Power Supply

- Check the motorcycle battery voltage before use (must be stable and $\geq 12V$).
- Use an external regulated power supply if the battery is weak or aged.

1.3 Connection

- Ensure the diagnostic tool's port connection is secure to avoid communication failure.

1.4 Unfamiliar Operations

- Stop and consult professionals or the manufacturer if unfamiliar functions are encountered to prevent damage.

1.5 Paint Protection

- Protect the motorcycle's paint from scratches during diagnostics.

2. Button Description

ICON	FUNCTION	DESCRIPTION
	Confirm button	Confirm a selection (or action) from a menu.
	Back button	Cancel a selection (or action) from a menu or return to the menu.
	Up button	Moves up through menu and submenu items in menu mode.
	Down button	Moves down through menu and submenu items in menu mode.
	Left button	In the menu mode through the menu and submenu moves to the left, when rolling in a data interface, use the left button to move to the previous screen.
	Right button	In the menu mode through the menu and submenu item move to the right, when rolling in the data interface, use the right button to move to the next screen.
	[F1] button	Function buttons correspond with "buttons" on some screens for executing special commands or providing quick access to the most frequently used applications or functions.

3. Included

- 3.1 Motorcycle diagnostic tool main unit
- 3.2 USB cable
- 3.3 User manual
- 3.4 Storage case for the device and its accessories

4. Product Specification

Display: 2.8" TFT color display

Operating Voltage: DC 8-18V

Operating Temperature: 0 to 60°C (32 to 140°F)

Storage Temperature: -20 to 70°C (-4 to 158°F)

5. Motorcycle DLC Location

A motorcycle's DLC is typically located under the seat or near the engine. See Figure 1 for common locations. If you cannot locate the DLC, please refer to the vehicle's service manual.

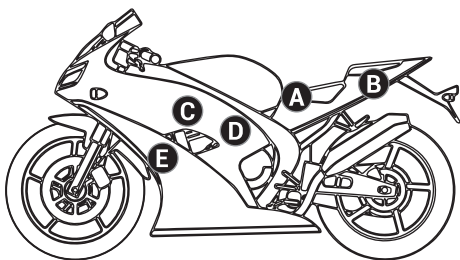


Figure 1

Note: Always turn the ignition OFF before connecting the tool to the DLC.

6. Motorcycle Ignition Procedure

Turn on the ignition and engine stop switches, then proceed with diagnostics. Ignition procedures may vary by motorcycle model; please consult the service manual for specific instructions.

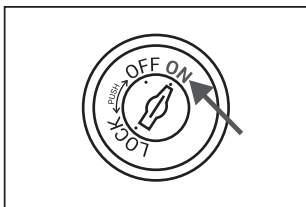


Figure 1

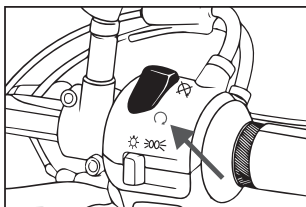


Figure 2

7. Function Introduction

7.1 Diagnose

A portable diagnostic tool designed exclusively for Harley motorcycle owners — easy to use and providing fast diagnostics that put you fully in control of your motorcycle's health.

7.1.1 Basic Functions for Harley Motorcycles

For faster vehicle identification, use the "System Scan" diagnostic menu. If automatic identification fails, switch to the "System Selection" menu.

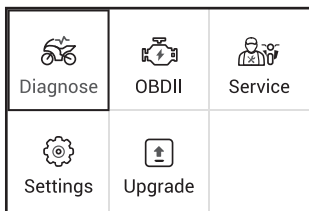


Figure 1

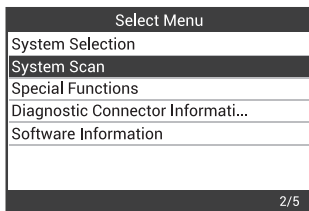


Figure 2

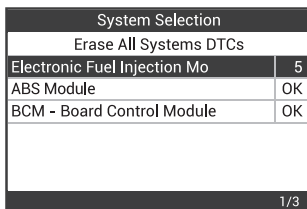


Figure 3

Once successfully connected to a Harley motorcycle, the device can retrieve version information, read and clear fault codes, and access data stream functions.

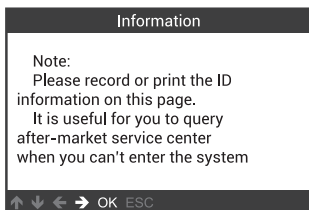


Figure 4

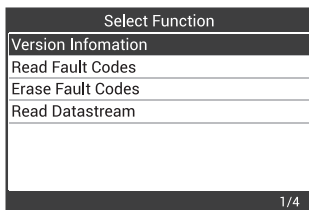


Figure 5

7.1.2 Special Functions for Harley Motorcycles

Special functions may vary depending on the brand, model, and year. Please refer to actual vehicle testing for accuracy.

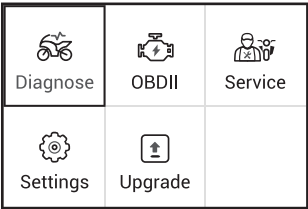


Figure 1

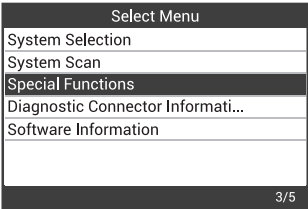


Figure 2

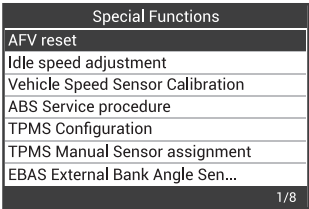


Figure 3

Warning:
Exercise caution when performing special functions.
Follow the on-screen instructions carefully to avoid unintended changes or damage to the vehicle systems.

7.2 OBDII

It is compatible with most OBDII-enabled vehicles from the US, Europe, and Asia, manufactured from 2000 onwards. It supports all OBDII protocols: CAN, J1850 PWM, J1850 VPW, ISO9141, and KWP2000. When the OBDII application is selected, the scanner automatically detects the communication protocol and displays a menu of available tests for the identified vehicle.

OBDII feature support varies by vehicle brand, model year, and configuration. Always verify through on-vehicle testing.

- Read codes
 - Erase codes
 - I/M readiness
 - Data stream
 - Freeze frame
- O2 sensor test
 - On-board monitoring
 - Evap system test
 - Vehicle Information
 - Software Information

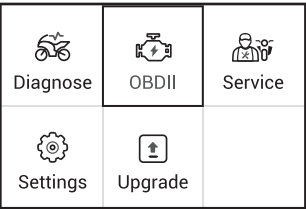


Figure 1

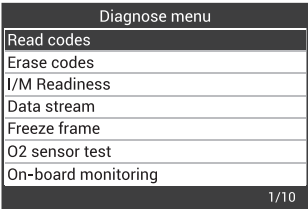


Figure 2

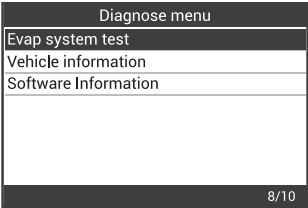


Figure 3

7.3 Service

The "Service" menu provides shortcut access to special functions. Availability depends on vehicle configuration and is not guaranteed across all models. Specific functions should be confirmed through actual vehicle testing.

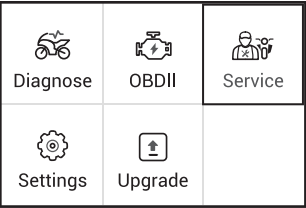


Figure 1

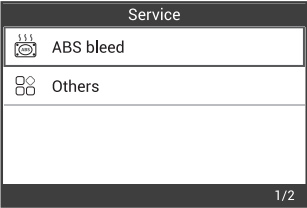


Figure 2

7.4 Settings

This device supports the configuration of language, beeper, unit of measure, background, custom shortcut keys, and device information.

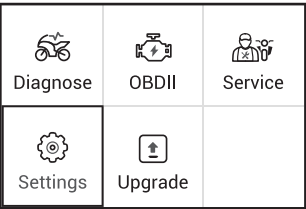


Figure 1

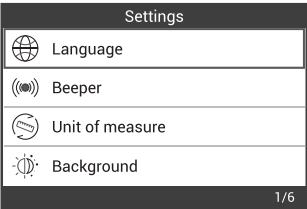


Figure 2

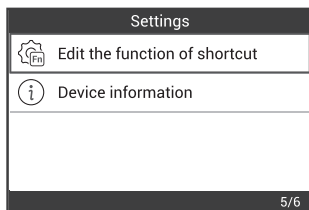


Figure 3

7.5 Upgrade

The device supports two upgrade methods: via USB connection to a computer or via Wi-Fi. For faster transfer speeds and greater stability, we strongly recommend the USB upgrade method.

7.5.1 Before upgrading the product, connect the device to your computer via USB and download the upgrade tool from the official website (www.autophix.com). Then select the 'USB mode upgrade' menu to access the screen shown in Figure 3, which will display the upgrade status, and follow the on-screen instructions to complete the process.

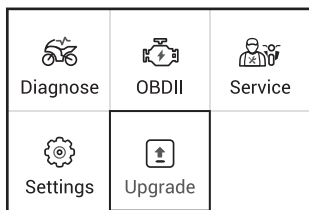


Figure 1

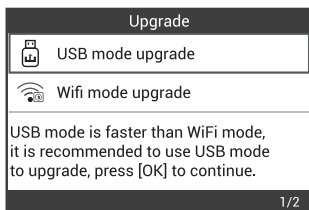


Figure 2

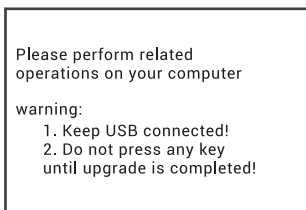


Figure 3

7.5.2 The upgrade speed of "Wifi mode upgrade" depends on the Wi-Fi connection speed and network stability; therefore, the process generally takes longer.

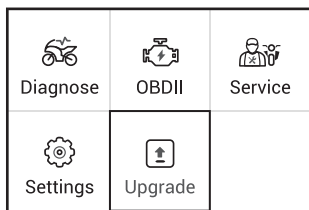


Figure 1

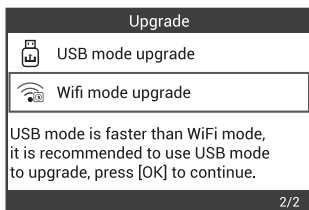


Figure 2

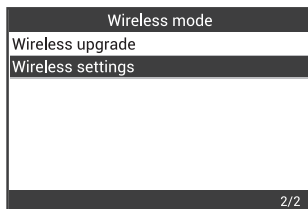


Figure 3

8. Warranty

1) This warranty is limited to the person who purchases OBD2 SCANZ's products.

2) OBD2 SCANZ's product is warranted against defects in materials and workmanship for one year (12 months) from date of delivery to the user.

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