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1. General Scan Tool Information

1.1 User Interface

The scan tool is designed for easy use.
All menus and lists operate the same way.



ENTER key selects item.



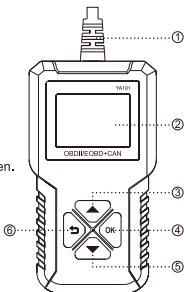
BACK key returns to previous screen.



UP SCROLL Key



DOWN SCROLL Key



1. **OBDII CONNECTOR** - Connects the scan tool to the vehicle's Data Link Connector (DLC)
2. **LCD DISPLAY** - Visual display of information to the user. Backlit, 128 x 64 Pixel display with TFT color screen.
3. **UP SCROLL Key** - Moves up through menu and submenu items in menu mode. When more than one screen of data is retrieved, moves up through the current screen to the previous screens for additional data.
4. **ENTER Key** - Confirms a selection (or action) from a menu.
5. **DOWN SCROLL Key** - Moves down through menu and submenu items in menu mode. When more than one screen of data is retrieved, moves down through the current screen to next screens for additional data.
6. **Back Key** - Cancels a selection (or action) from a menu or returns to the menu. It is also used to exit DTC lookup screen.

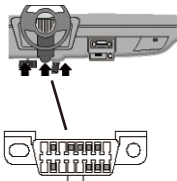
1.2 Specifications

1. Display: Backlit, 128 x 64 pixel display with TFT color screen.
2. Operating Temperature: 0°C to 60°C(32°F to 140°F)
3. Storage Temperature: -20°C to 70°C(-4°F to 158°F)
4. External power: 8.0V to 18.0V power provided via vehicle battery.
5. Dimensions:
 - Length: 125mm (5.0")
 - Width: 70mm (2.80")
 - Height: 22mm (0.90")
6. Net weight: 0.175kg (0.38lb), GW: 0.23kg (0.51lb)

2. Using Your Scan Tool

2.1 Locating Data Link Connector

- Choose a location (under driver side dash, or under steering wheel) and use that description in both places.
- If unsure about location of DLC, check vehicle manual or reputable service center about location.



2.2 Connect the Tool

1. Locate the OBDII Data Link Connector under the steering column. If the connector is not there, a label should be there indicating the whereabouts of the connector.
2. If necessary, remove the cover from the DLC.
3. Turn the ignition switch to the ON position. Do not start the engine.
4. Plug the OBDII connector into the Data Link Connector.
5. The tool will attempt to identify the vehicle. If successful, the vehicle identified will be displayed. If the vehicle cannot be identified, menus will be shown for you to select the vehicle manually.
6. Perform quick test
By using the  or  keys to select to **Diagnostic Menu** by pressing  to ENTER.

3. Tool Menus

The **Main Menu** and **Diagnostic Menu** are broken down into the following menus:

▲ Diagnostic

- +Read Codes
- +Erase Codes
- +Live Data
- +Freeze Frame
- +Vehicle Info
- +Component Test
- +Mode 6
- +O₂ Sensor Test
- +I/M Readiness

▲ DTC Look Up

▲ Voltage Test

▲ Option

- +Languages
 - 简体中文
 - Français
 - Deutsch
 - Italiano
 - English
 - 日本語
 - Español
 - Русский
 - 繁體中文
- +Unit
 - Metric
 - Imperial
- +Data Logging
- +Explanation
- +Self-test
 - Display Test
 - Keyboard Test

▲ About

- ▲ Function is **only** on main menu.
- + Function is **only** on secondary menu.
- Function is **only** on third level menu.

3.1 Diagnostic Functions

Use this function to select a vehicle and then proceed to the Diagnostic Menu.

Read Codes

Reads DTCs from vehicle's computer with KOEO or KOER.

Erase Codes

Deletes DTCs from vehicle's memory.

Live Data

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

** In live data menu, you can insert the selected item to front by holding pressing the  key for 3 seconds.*

Freeze Frame

Displays a snapshot of operating conditions at the time of a fault.

Vehicle Info

Scan tool displays the vehicle's VIN number, Calibration ID (s) and CVN that identify the software version in the vehicles control module (s.)

The tool also displays In-Use Performance Tracking of important readiness monitors.

Component Test

Tool will display a list of components and their locations on the vehicle.

This function will always appear on the Main Menu.

This selection will appear on the Diagnostic Menu only when the tool has a list of component locations for the currently selected vehicle.

Mode 6

Scan tool controls the operation of vehicle components, tests or systems.

O₂ Sensor Test

Displays oxygen sensor monitoring test results from the vehicle's memory, the O₂ Monitor Test is NOT an ON-DEMAND TEST.

I/M Readiness

Displays a snapshot of the state of the vehicle's OBDII Monitors.

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.

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.

3.2 DTC Look Up

Looks up definitions of DTCs stored in scan tool, and shows the possible causes of the DTC. (NOT every DTC with possible causes reason)

3.3 Voltage Test

This function is used to monitor the voltage present on pin 16 of the OBDII Data Link Connector.

3.4 Option

Changes tool option displays tool information, and performs tool self-tests.

Languages

Allows the user to change the language used by the tool. English is default.

Unit

Changes measurement units display metric or imperial.

Data Logging

Turn on/off the data log function to record the device data through vehicle.

Self-test**Display Test**

Used to check the display screen.

Keyboard Test

Verifies that the keys are working correctly.

3.5 About

Display the device hardware information, software information, release date and serial number, etc.