

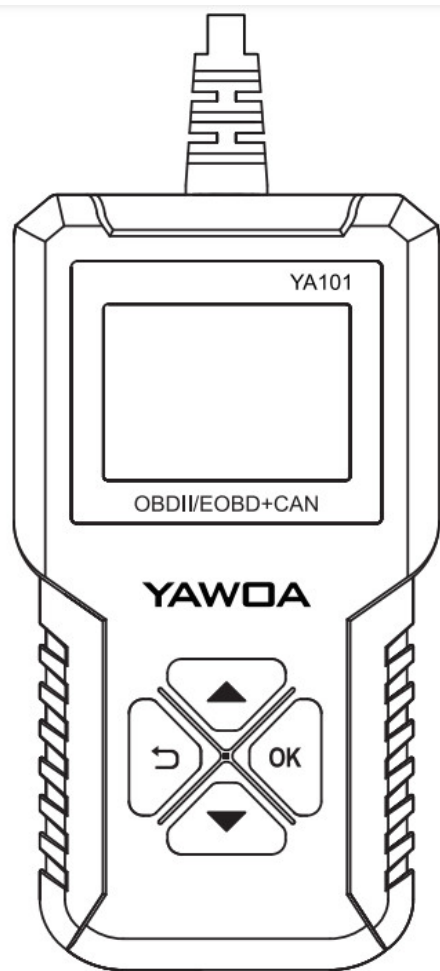


## YAWOA YA101 Code Reader User Manual

[Home](#) » [YAWOA](#) » YAWOA YA101 Code Reader User Manual

**YAWOA**  
YA101

**Quick Start Guide**







## Contents [ [hide](#) ]

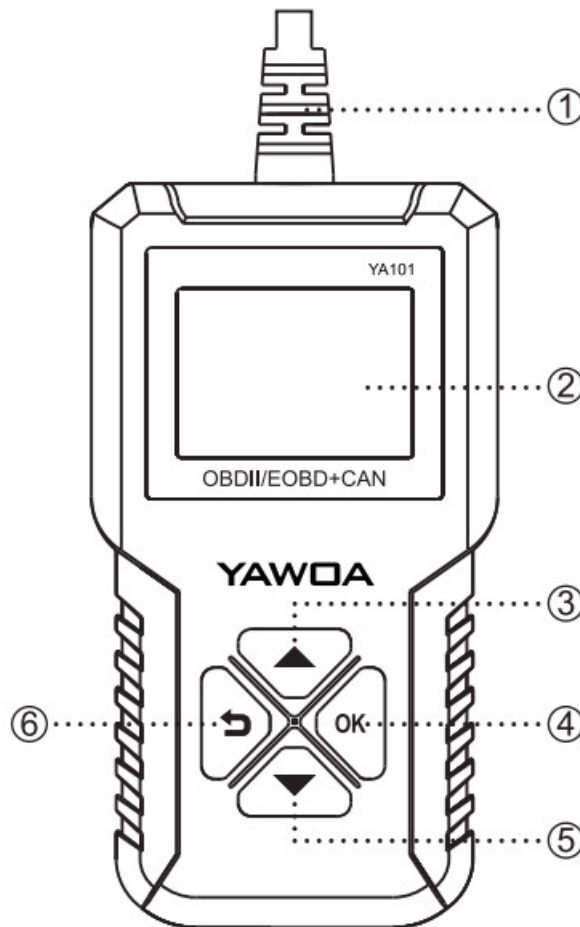
- 1 General Scan Tool Information
  - 1.1 User Interface
- 2 Specifications
- 3 Using Your Scan Tool
  - 3.1 Locating Data Link Connector
  - 3.2 Connect the Tool
- 4 Tool Menus
  - 4.1 Diagnostic Functions
  - 4.2 DTC Look Up
  - 4.3 Voltage Test
  - 4.4 Option
  - 4.5 About
- 5 Limited Warranty
- 6 Documents / Resources
- 7 Related Posts

## General Scan Tool Information

### User Interface

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

	ENTER key selects an item.
	BACK key returns to the previous screen
	UP SCROLL Key
	DOWN SCROLL Key

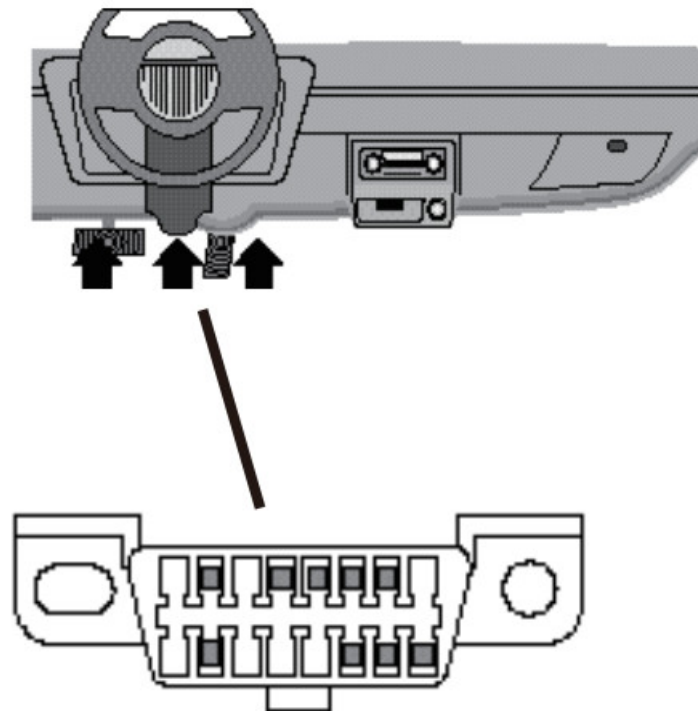


1. OBDII CONNECTOR – Connects the scan tool to the vehicle's Data Link Connector (DLC)
2. LCD DISPLAY – Visual display of information to the user. Backlit, 128 x 64 Pixel display with TFT color screen.
3. UP SCROLL Key- Moves up through menu and submenu items in menu mode. When more than one screen of 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 the DTC lookup screen.

## Specifications

2. Display: Backlit, 128 x 64 pixel display with TFT color screen.
3. Operating Temperature: 0°C to 60°C(32°F to 140°F)
4. Storage Temperature: -20°C to 70°C(-4°F to 158°F)
5. External power: 8.0V to 18.0V power provided via vehicle battery.
6. Dimensions:
  - Length: 125mm (5.0")
  - Width: 70mm (2.80")
  - Height: 22mm (0.90")
7. Net weight: 0.175kg (0.381b), GW: 0.23kg (0.511b)

## Using Your Scan Tool



### Locating Data Link Connector

- Choose a location (under driver side dash, or under the steering wheel) and use that description in both places.
- If unsure about the location of DLC, check the vehicle manual or a reputable service center about the location.
- For more information, go to <http://www.yawoa.com>

### 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  ENTER.

### 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 +On-Board Monitoring +O2 Sensor Test +I/M Readiness
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#### ◆ DTC Look Up

#### ◆ Voltage Test

#### ◆Option

+Languages  
English

+Unit  
Metric -Imperial  
+Data Logging +Self-test  
Display Test  
+Keyboard Test

#### ◆About

- ◆ Function is only on the main menu.
- + Function is only on the secondary menu.
- Function is only on the third level menu.

### 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 the vehicle's memory.

## Live Data

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



\* In the live data menu, you can insert the selected item to the 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 vehicle's control module (s.) The tool also displays In-Use Performance Tracking of important readiness monitors.

## Component Test

The 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.

## On-Board Monitoring

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 the 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.

## DTC Look Up

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

## Voltage Test

This function is used to monitor the voltage present on pin 16 of the 08011 Data Link Connector.

## 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 the vehicle.

### **Self-test**

### **Display Test**

Used to check the display screen.

### **Keyboard Test**

Verifies that the keys are working correctly.

### **About**

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

## **Limited Warranty**

THIS WARRANTY IS EXPRESSLY LIMITED TO ORIGINAL RETAIL BUYERS OF YAWOA TOOLS ("UNITS").

YAWOA High-Tech (Shenzhen) Co., Ltd Units are warranted against defects in materials and workmanship for one year (12 months) from date of delivery. This warranty does not cover any Unit that has been abused, altered, used for a purpose other than that for which it was intended, or used in a manner inconsistent with instructions regarding use. The sole and exclusive remedy for any Unit found to be defective is repair or replacement, the option of YAWOA. In no event shall YAWOA be liable for any direct, indirect, special, incidental or consequential damages (including lost profit) whether based on direct, indirect, special, incidental or consequential damages (including lost profit) whether based on warranty, contract, tort or any other legal theory. The existence of a defect shall be determined by warranty, contract, tort or any other legal theory. The existence of a defect shall be determined by YAWOA in accordance with procedures established by YAWOA. No one is authorized to make any statement or representation altering the terms of this warranty.

## **DISCLAIMER**

THE ABOVE WARRANTY IS IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

## **SOFTWARE**

Unit software is proprietary, confidential information protected under copyright law. Users have no right in or title to Unit software other than a limited right of use revocable by YAWOA. Unit software may not be transferred or disclosed without the written consent of YAWOA. Unit software may not be copied except in ordinary backup procedures.

## **TECHNICAL SUPPORT**

If you have any questions on the operation of the product, please send an email to: [infovawoa.com](mailto:infovawoa.com)


## **REPAIR SERVICE**

- Please contact Technical Support for troubleshooting and service options

- prior to sending any unit in for repair.
- To send a unit in for repair, go to [yawoa.com](http://yawoa.com) and follow the online instructions. This website will also have the latest Service policies and service center locations. If you do not have internet access, please send an email to: [info@yawoa.com](mailto:info@yawoa.com)

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## Documents / Resources

	<p><a href="#">YAWOA YA101 Code Reader</a> [pdf] User Manual Code Reader, YA101</p>
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