

## iCarsoft VOL II

# iCarsoft VOL II Multi Systems Scanner Tool User Manual

Brand: iCarsoft | Model: VOL II

## 1. PRODUCT OVERVIEW

The iCarsoft VOL II is a professional and powerful vehicle fault diagnosis tool designed for Volvo and SAAB vehicles. It features a 4-inch TFT LCD display and specialized diagnostic software. This tool enables technicians and users to accurately diagnose complex problems across various vehicle systems.

Key functionalities include full ECU diagnosis for single vehicle brands, supporting test modes such as CANBUS, ISO9141, KWP2000, and J1850. It is designed to read and clear Diagnostic Trouble Codes (DTCs), read live data streams, and perform various reset functions.



Image 1: The iCarsoft VOL II diagnostic scanner tool, accompanied by its user manual, USB cable for updates, and an OBD-II diagnostic cable. A SanDisk microSD card and a USB card reader are also visible, used for software updates.

## 2. PRODUCT FEATURES

- **Comprehensive System Coverage:** Reads and clears trouble codes for Volvo and SAAB vehicles across all major systems, including engine, transmission, Anti-lock Braking System (ABS), and Supplemental Restraint System (SRS).
- **Live Data Stream:** Displays real-time data from various vehicle sensors and components.
- **Service Reset Functions:**
  - Oil light/service reset.
  - Electronic Parking Brake (EPB) system maintenance.
  - Steering Angle Sensor (SAS) calibration.
  - Electronic Throttle Control (ETC) system reset.
- **Full OBD-II/EOBD Functions:** Compatible with all OBD-II/EOBD compliant vehicles, offering:
  - I/M Readiness status checks.
  - Data Stream display.
  - Freeze Frame data viewing.
  - O2 Sensor Test results.

- Ability to turn off the Check Engine Light (MIL).
- **User-Friendly Interface:** Equipped with metal dome keys for easy navigation and operation.
- **Display:** Features a 4.0-inch TFT LCD with 480 x 320 pixels resolution.
- **Software Updates:** Supports USB 2.0 high-speed updates via TF (microSD) card for lifetime free updates.
- **Multi-language Support:** Operates in multiple languages.

### 3. SETUP AND INITIAL USE

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1. **Unpacking:** Carefully remove the VOL II scanner and all accessories from the packaging. Verify that all components listed in the packing list are present.
2. **Powering On:** The VOL II scanner is typically powered directly from the vehicle's OBD-II port. Connect the diagnostic cable to the scanner and then to the vehicle's 16-pin OBD-II port, usually located under the dashboard.
3. **Initial Boot-up:** Once connected to the vehicle, the scanner should power on automatically. The main menu will appear on the 4-inch TFT LCD screen.
4. **Language Selection:** If prompted, select your preferred operating language from the available options.
5. **Software Update (Recommended):** Before first use, it is highly recommended to update the device software to the latest version. This ensures access to the most current vehicle databases and features.
  - Visit the official iCarsoft website ([www.icarsoft.us](http://www.icarsoft.us) or [www.icarsoft.com](http://www.icarsoft.com)) to download the update tool and latest software package.
  - Use the provided USB cable and TF card reader to connect the device's TF card to your computer.
  - Follow the instructions provided with the update tool to install the new software onto the TF card.
  - Safely eject the TF card and reinsert it into the VOL II scanner.

### 4. OPERATING INSTRUCTIONS

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The VOL II scanner is operated using the directional keys and the "OK" and "ESC" buttons. The "Book" icon button typically provides access to help or information within a menu.

1. **Connecting to Vehicle:** Ensure the vehicle's ignition is in the "ON" position (engine can be off). Connect the VOL II to the vehicle's OBD-II port.
2. **Main Menu Navigation:** Use the UP/DOWN arrow keys to scroll through the main menu options. Press "OK" to select an option.
3. **Vehicle Selection:** From the main menu, select "Diagnose" or a similar option. Choose "Volvo" or "SAAB" as appropriate for your vehicle.
4. **System Selection:** The scanner will typically display a list of available vehicle systems (e.g., Engine, ABS, SRS, Transmission, EPB, SAS, ETC). Select the system you wish to diagnose.
5. **Reading and Clearing DTCs:**
  - Select "Read Codes" to view current, pending, and historic Diagnostic Trouble Codes. Each code will have a description.
  - After addressing the underlying issue, select "Clear Codes" to erase the DTCs from the vehicle's computer.

*Note: Clearing codes without fixing the problem will result in the codes reappearing.*
6. **Viewing Live Data Stream:** Select "Live Data" to view real-time sensor readings. This data can be displayed in various formats (e.g., text, graph) to aid in diagnosis.
7. **Performing Service Functions:**
  - Navigate to the "Service" or "Special Functions" menu.

- Select the desired function (e.g., "Oil Reset", "EPB Service", "SAS Calibration", "ETC Reset").
- Follow the on-screen prompts to complete the procedure. Specific vehicle conditions (e.g., ignition on, engine off) may be required.

8. **OBD-II Functions (Generic):** For general OBD-II diagnostics on any compliant vehicle, select the "OBD-II" option from the main menu. This provides access to standard functions like I/M Readiness, Freeze Frame, and O2 Sensor Test.

9. **Exiting:** Press the "ESC" button to go back to the previous menu or to exit a function. Disconnect the tool from the vehicle when finished.

## 5. MAINTENANCE

- **Software Updates:** Regularly check the iCarsoft official website ([www.icarsoft.us](http://www.icarsoft.us) or [www.icarsoft.com](http://www.icarsoft.com)) for lifetime free software updates. Keeping the software current ensures compatibility with newer vehicle models and access to improved diagnostic functions.
- **Cleaning:** Use a soft, dry cloth to clean the device. Avoid using abrasive cleaners or solvents that could damage the screen or casing.
- **Storage:** Store the VOL II scanner in a clean, dry environment, away from extreme temperatures, direct sunlight, and excessive dust.
- **Cable Care:** Inspect the diagnostic cable and USB cable regularly for any signs of damage. Do not use damaged cables.

## 6. TROUBLESHOOTING

This section addresses common issues encountered during the use of the iCarsoft VOL II scanner.

Problem	Possible Cause	Solution
Device does not power on.	Incorrect connection to OBD-II port; vehicle ignition off; faulty cable.	Ensure the diagnostic cable is securely connected to both the scanner and the vehicle's OBD-II port. Turn the vehicle ignition to the "ON" position. Check the cable for damage.
Cannot communicate with vehicle ECU.	Incorrect vehicle selection; communication protocol issue; faulty vehicle OBD-II port; outdated software.	Verify that the correct vehicle make (Volvo/SAAB) and model year are selected. Ensure the vehicle's OBD-II port is functional. Update the scanner's software to the latest version.
Codes reappear after clearing.	Underlying vehicle fault not resolved.	The VOL II tool reads and clears error codes. If a physical problem exists in the vehicle, the codes will return until the root cause is repaired. This tool identifies issues but does not fix them. A certified technician may be required for repairs.
Screen freezes or device is unresponsive.	Software glitch; low power.	Disconnect the tool from the vehicle and reconnect. If the issue persists, perform a software update.

For further assistance, please refer to the official iCarsoft support channels.

## 7. SPECIFICATIONS

Specification	Value
Product Dimensions	10.24 x 7.48 x 2.56 inches
Item Weight	1.69 pounds
Display	4.0" TFT LCD, 480 x 320 Pixels
Operating System (for update tool)	Windows 7 (or later compatible)
Power Supply	8V-18V (via vehicle OBD-II port)
Operating Temperature	0°C to 50°C (32°F to 122°F)
Storage Temperature	-20°C to 70°C (-4°F to 158°F)
Connectivity	USB 2.0, TF Card Slot
Supported Protocols	CANBUS, ISO9141, KWP2000, J1850, etc.

## 8. WARRANTY AND SUPPORT

The iCarsoft VOL II scanner comes with a **one-year warranty** from the date of purchase, covering manufacturing defects. Please retain your proof of purchase for warranty claims.

iCarsoft provides **lifetime free software updates** for the VOL II. These updates are crucial for maintaining compatibility with new vehicle models and ensuring optimal performance of the diagnostic functions.

For technical support, warranty inquiries, or to download the latest software updates, please visit the official iCarsoft websites:

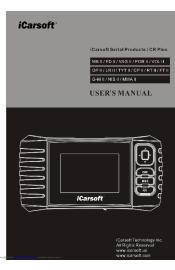
[www.icarsoft.us](http://www.icarsoft.us)

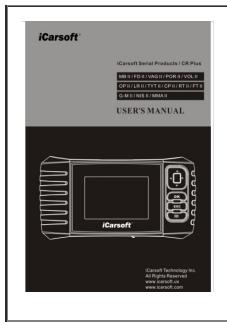
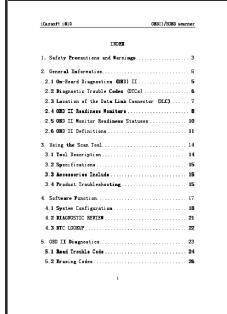
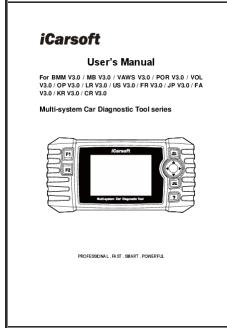
[www.icarsoft.com](http://www.icarsoft.com)

When contacting support, please have your device model (VOL II) and any relevant error messages or symptoms ready.

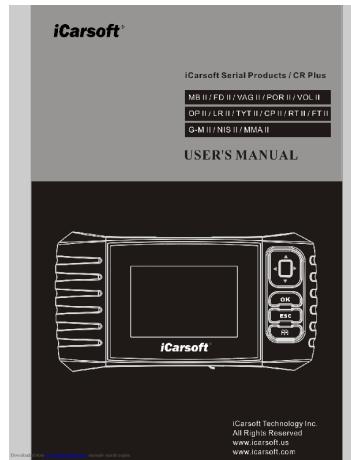
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## Related Documents

	<p><a href="#">iCarsoft Serial Products and CR Plus User Manual - Automotive Diagnostic Tool Guide</a></p> <p>Comprehensive user manual for iCarsoft Serial Products (e.g., MB II, FD II, VAG II) and CR Plus diagnostic tools. Covers features, specifications, connections, settings, diagnostic procedures, software updates, and FAQs for automotive repair professionals and DIY users.</p>
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 <table border="1"> <tr> <td>1. Safety Precautions and Warnings</td> <td>3</td> </tr> <tr> <td>2. General Information</td> <td>5</td> </tr> <tr> <td>2.1 On-Board Diagnostics (OBD) II</td> <td>5</td> </tr> <tr> <td>2.2 Diagnostic Trouble Codes (DTCs)</td> <td>6</td> </tr> <tr> <td>2.3 Reading and Erasing Data Link Connector (DLC) Codes</td> <td>7</td> </tr> <tr> <td>2.4 OBD II Test Functions</td> <td>8</td> </tr> <tr> <td>2.5 OBD II Master Readiness Stations</td> <td>9</td> </tr> <tr> <td>2.6 OBD II Definitions</td> <td>11</td> </tr> <tr> <td>3. Using the Scan Tool</td> <td>14</td> </tr> <tr> <td>3.1 Basic Functions</td> <td>14</td> </tr> <tr> <td>3.2 Specifications</td> <td>15</td> </tr> <tr> <td>3.3 Accessories Inside</td> <td>16</td> </tr> <tr> <td>3.4 Product Packaging</td> <td>17</td> </tr> <tr> <td>4. Software Functions</td> <td>17</td> </tr> <tr> <td>4.1 Device Configuration</td> <td>18</td> </tr> <tr> <td>4.2 DIAGNOSTIC MODES</td> <td>21</td> </tr> <tr> <td>4.3 ETC MODE</td> <td>22</td> </tr> <tr> <td>5. OBD II Test Functions</td> <td>23</td> </tr> <tr> <td>5.1 Read Trouble Code</td> <td>24</td> </tr> <tr> <td>5.2 Monitor Check</td> <td>26</td> </tr> </table>	1. Safety Precautions and Warnings	3	2. General Information	5	2.1 On-Board Diagnostics (OBD) II	5	2.2 Diagnostic Trouble Codes (DTCs)	6	2.3 Reading and Erasing Data Link Connector (DLC) Codes	7	2.4 OBD II Test Functions	8	2.5 OBD II Master Readiness Stations	9	2.6 OBD II Definitions	11	3. Using the Scan Tool	14	3.1 Basic Functions	14	3.2 Specifications	15	3.3 Accessories Inside	16	3.4 Product Packaging	17	4. Software Functions	17	4.1 Device Configuration	18	4.2 DIAGNOSTIC MODES	21	4.3 ETC MODE	22	5. OBD II Test Functions	23	5.1 Read Trouble Code	24	5.2 Monitor Check	26	<p><a href="#"><u>iCarsoft i810 OBDII/EOBD Scanner User Manual</u></a></p> <p>This manual provides comprehensive instructions for using the iCarsoft i810 OBDII/EOBD scanner, covering safety precautions, general information on On-Board Diagnostics (OBD) II, using the scan tool, software functions, and diagnostics.</p>
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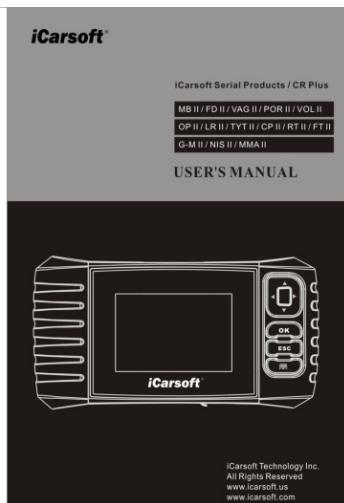
## Documents - iCarsoft – VOL II



### [iCarsoft Serial Products and CR Plus User Manual - Automotive Diagnostic Tool Guide](#)

Comprehensive user manual for iCarsoft Serial Products (e.g., MB II, FD II, VAG II) and CR Plus diagnostic tools. Covers features, specifications, connections, settings, diagnostic procedures, software updates, and FAQs for automotive repair professionals and DIY users.

lang:en score:48 filesize: 1019.96 K page\_count: 25 document date: 2017-12-21



## [iCarsoft Serial Products and CR Plus User Manual](#)

Comprehensive user manual for iCarsoft Serial Products and CR Plus diagnostic tools, covering features, connections, settings, diagnostics, registration, and FAQs.  
lang:en score:38 filesize: 1.64 M page\_count: 25 document date: 2016-01-28



## [\[pdf\] User Manual](#)

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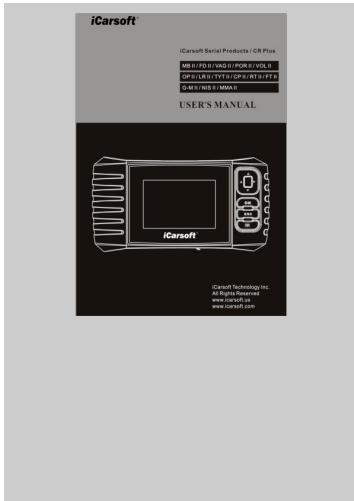


## [\[pdf\] User Manual Instructions Specifications](#)

iCarSoft 2nd Generation Diagnostic Tool User's Manual Designed for the DIY users and servicemen of small service workshop iCarsoft Serial products support all 10 models OBDII test OBD II Trouble Codes are codes that stored by B14aGVEioPS images eu ssl amazon I

2015-02-06 V1.00.00 Note: This manual applies to iCarsoft 2nd generation serial products and CR Plus ... e iCarsoft 2nd generation Serial products cover the following models: MB II, FD II, VAG II, POR II, **VOL II**, OP II, LR II, TYT II, EN CP II, RT II, FT II, G-M II, NIS II and MMA II, which are especia...

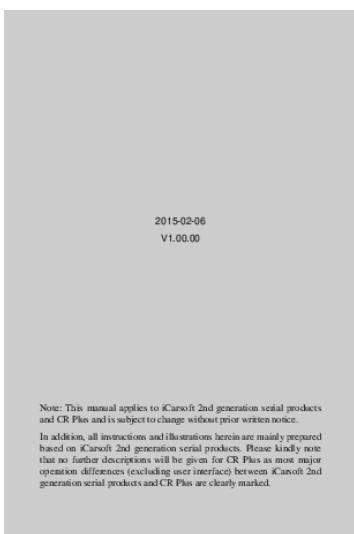
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### [\[pdf\]](#) User Manual Instructions Specifications Declaration of Conformity

Microsoft Word iCarsoft II User Manual doc Juan Gonzalez shopcdn2 textalk se Abicart Sverige Textalk English s i Disclaimer ! To take full advantage of the unit you should be familiar with engine All information illustrations and specifications contained in this manual are based on latest available at time publication The right is reserved to make change any without notice 29527036 40c0e6 shop 8490 art36 shopcdn 2015-02-06 V1.00.00 Note: This manual applies to iCarsoft 2nd generation serial products and CR Plu ... e iCarsoft 2nd generation Serial products cover the following models: MB II, FD II, VAG II, POR II, **VOL II**, OP II, LR II, TYT II, CP II, RT II, FT II, G-M II, NIS II and MMA II, which are especially d...

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### [\[pdf\]](#) User Manual Instructions Specifications

iCarSoft 2nd Generation Diagnostic Tool User s Manual Designed for the DIY users and servicemen of small service workshop Featuring color LCD display personalized function menu iCarsoft Serial products support all 10 models OBDII test a complete v1roverparts Instructions iLR II srstid

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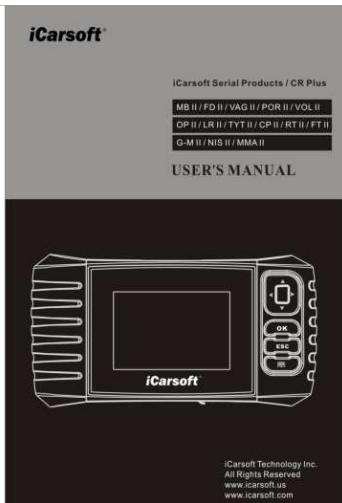
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## [pdf] User Manual Instructions Specifications

P0010 A Camshaft Position Actuator Circuit Bank 1 sten 2 1On BoardDiagnostics OBD II

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lang:en score:15 filesize: 1.63 M page\_count: 25 document date: 2019-04-19