

QKVCX VOCOM2 88894000

QKVCX VOCOM2 88894000 Diagnostic Tool User Manual

Model: VOCOM2 88894000 | Brand: QKVCX

1. INTRODUCTION

This manual provides essential instructions for the proper setup, operation, and maintenance of your QKVCX VOCOM2 88894000 Diagnostic Tool. This device is designed for diagnosing, testing, calibrating, and programming various heavy-duty vehicles, including trucks, excavators, buses, and yachts. Please read this manual thoroughly before using the product to ensure safe and effective operation.

2. PRODUCT OVERVIEW

2.1. Components

The QKVCX VOCOM2 Diagnostic Tool kit typically includes the following items:

- VOCOM2 Diagnostic Interface Unit
- USB Connection Cable
- Various Diagnostic Cables (e.g., OBD II, 8-pin, 14-pin, 16-pin)
- Software CD or SSD (Solid State Drive) with pre-installed software
- Protective Carrying Case



Figure 1: Complete QKVCX VOCOM2 Diagnostic Tool kit, showing the main interface, various connection cables, and the software SSD.

2.2. Key Features and Functions

The VOCOM2 Diagnostic Tool offers comprehensive diagnostic capabilities:

- **Support Models:** Compatible with V-olvo, Renault, UD, and Mack vehicles.
- **Functions:** Supports diagnosis, testing, calibration, and programming of vehicle engines and other systems.
- **Diagnostic Process:** Facilitates repair and diagnostic procedures.
- **Connectivity:** Offers high-speed connection to the ECU for V-olvo trucks and heavy vehicles manufactured since 2020. For older V-olvo heavy vehicles (1998 or earlier), it provides diagnostic operations via a usual (lower) speed connection to the ECU.



Figure 2: Overview of the VOCOM2 Diagnostic Adapter's main functions and supported vehicle types.

3. SETUP INSTRUCTIONS

3.1. Software Installation

The diagnostic software (PTT1.12/2.40 or V2.8.241) is provided either on a CD or pre-installed on an SSD. Follow these steps for installation:

1. **System Requirements:** The software must be installed on a computer running Windows XP or Windows 10.
2. **Disable Antivirus:** Before starting the installation, temporarily disable your computer's antivirus software. Failure to do so may prevent successful software installation.
3. **Installation Method:**
 - **From CD:** Insert the provided CD and follow the on-screen instructions to install the software.
 - **From SSD:** If an SSD is provided, it comes with the software pre-installed. Connect the SSD to your laptop for direct use.
4. **Compatibility Note:** This diagnostic tool and its software are not compatible with original OE (Original Equipment) software. Use only the software provided with the product.



REPLACE PART NUMBER

SOFTWARE REQUIREMENTS
FOR OPERATING SYSTEM

Win 10

88894000

88890300V

Vocom Interface for truck excavators buses and yacht. For Volvo/Renault/UD/Mack etc.

Figure 3: Software requirements for the VOCOM2 diagnostic tool, highlighting Windows 10 compatibility and part numbers 88894000 and 88890300V.

3.2. Connecting the Device

Once the software is ready, connect the VOCOM2 interface to your vehicle and computer:

1. Connect the appropriate diagnostic cable from the VOCOM2 interface to the vehicle's diagnostic port (e.g., OBD II, 8-pin, 14-pin, 16-pin).
2. Connect the VOCOM2 interface to your computer using the provided USB cable.
3. Ensure all connections are secure before powering on the vehicle or launching the software.

MULTIPLE DIAGNOSTIC INTERFACE

Product details show quality



Figure 4: Detailed views of the multiple diagnostic interface connectors available with the VOCOM2 tool, including 8-pin, 14-pin, 16-pin, and OBD II types.

4. OPERATING INSTRUCTIONS

After successful setup and connection, you can begin using the diagnostic tool:

1. Launch the diagnostic software (PTT1.12/2.40 or V2.8.241) on your computer.
2. Follow the software's interface to select the vehicle type and model you are working on.
3. Perform desired operations such as:
 - **Diagnostic Scan:** Read and clear fault codes.
 - **Live Data:** Monitor real-time sensor data.
 - **Actuation Tests:** Test individual components.
 - **Calibration:** Adjust vehicle parameters.
 - **Programming:** Update or configure ECUs.
4. Always save diagnostic reports and follow vehicle manufacturer guidelines for any repairs or adjustments.
5. When finished, safely exit the software and disconnect the tool from the vehicle and computer.

5. MAINTENANCE

To ensure the longevity and optimal performance of your QKVCX VOCOM2 Diagnostic Tool, adhere to the following maintenance guidelines:

- **Cleaning:** Keep the device and cables clean and free from dust, dirt, and moisture. Use a soft, dry cloth for cleaning. Avoid harsh chemicals.
- **Storage:** Store the tool in its protective carrying case when not in use. Keep it in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Cable Care:** Avoid bending or twisting cables excessively. Inspect cables regularly for any signs of wear or damage. Replace damaged cables immediately.
- **Software Updates:** Periodically check for software updates from the manufacturer to ensure compatibility with newer vehicle models and improved functionality.

6. TROUBLESHOOTING

If you encounter issues while using the QKVCX VOCOM2 Diagnostic Tool, refer to the following common problems and solutions:

- **Software Fails to Install:**
 - **Issue:** Installation process stops or fails.
 - **Solution:** Ensure your antivirus software is temporarily disabled before attempting installation. Verify your operating system (Windows XP or Windows 10) meets the requirements.
- **Device Not Connecting to Vehicle:**
 - **Issue:** Software does not detect the vehicle or device.
 - **Solution:** Check all cable connections between the device, vehicle, and computer. Ensure the vehicle's ignition is on. Verify that the correct diagnostic cable is used for the vehicle model.
- **Software Not Launching/Crashing:**
 - **Issue:** Software closes unexpectedly or fails to open.
 - **Solution:** Restart your computer. Ensure no other conflicting diagnostic software is running. Reinstall the software if the problem persists, ensuring antivirus is off during installation.
- **Incompatibility with OE Software:**
 - **Issue:** The tool does not work with original equipment manufacturer (OEM) software.
 - **Solution:** The QKVCX VOCOM2 is designed to work with its proprietary software (PTT1.12/2.40 or V2.8.241) and is not compatible with original OE software. Always use the software provided with the product.

If these steps do not resolve your issue, please contact customer support.

7. SPECIFICATIONS

Feature	Detail
Product Name	Diagnostic Tool

Model	VOCOM2 88894000
Part Numbers	88894000, 88890300V
Software Version	PTT1.12/2.40 (V2.8.241 mentioned in title)
Supported Operating System	Windows XP / Windows 10
Connectivity	USB
OBD Interface	CAN, EOBD, OBD, OBD II
Vehicle Type Support	Heavy Duty/Commercial (Trucks, Excavators, Buses, Yacht)
Supported Systems	ABS, DPF, EPB, SAS, SRS, TPMS
Item Weight	4.59 pounds
Package Dimensions	12.3 x 8.9 x 4.25 inches

TECHNICAL PARAMETERS

Diagnostic Adapter

- Product Name: Diagnostic
- Model: VOCOM2 II 88894000
- Replace Number: 88894000,88890300V
- Condition: Brand-New
- Connectivity:USB
- OBD Interface: CAN,EOBD, OBD, OBD II
- Vehicle Type: Heavy Duty/Commercial
- Supported System: ABS,DPF,EPB,SAS,SRS, TPMS



You need to download the software on the CD that comes with the product.

There is no manual but a CD included in this product. You need to download it yourself.

If you have any questions or the software does not install, you can contact us.

Note

The machine is not compatible with the original OE software.

Figure 5: Technical parameters and specifications for the VOCOM2 Diagnostic Adapter.

8. WARRANTY AND SUPPORT

For any questions regarding the product, software installation, or if you encounter issues that cannot be resolved using the troubleshooting guide, please contact QKVCX customer support. While specific warranty details are not provided in this manual, please refer to your purchase documentation or contact the seller for warranty information.