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### Autel MaxiVCI V100 VCI Interface

# Autel MaxiSYS VCI100 Wireless Diagnostic Interface User Manual

Model: MaxiVCI V100 VCI Interface

## 1. PRODUCT OVERVIEW

The Autel MaxiSYS VCI100 Wireless Diagnostic Interface is a compact vehicle communication interface (VCI) designed to establish a wireless connection between a vehicle's OBD-II port and a compatible Autel MaxiSys diagnostic tablet. This device facilitates advanced diagnostic functions, including ECU coding, bi-directional control, and various maintenance services, providing a stable and efficient communication link.



Image 1.1: Autel MaxiSYS VCI100 Wireless Diagnostic Interface

### Key Features:

- **Wireless Connectivity:** Offers a working range of up to 98.4 feet (30 meters) for enhanced mobility.
- **Stable Data Transmission:** Advanced high-tech design ensures stable communication and avoids diagnostic interruptions.
- **Multiple Power Options:** Can be powered via the OBD II/EODB DLC, USB cable, or PC connection.
- **LED Indicators:** Features three indicator lights for power, vehicle communication, and connection mode.
- **Compact Design:** Mini dongle form factor for easy portability and connection.

## 2. COMPONENTS

The MaxiVCI V100 is designed with clear indicators and ports for ease of use. Familiarize yourself with the

components below:

# EASY TO SETUP & USE

Insert V100 on vehicle DLC

Power up MS906BT/ MS906TS/ MK906BT

Turn on scanner's Bluetooth icon, connect.

**CONNECT THIS SCANNER AND MAXIVCL V100 VIA USB CABLE**

Image 2.1: MaxiVCI V100 Component Diagram

1. **Lighting Push Button:** Activates internal lighting.
2. **Power LED:** Indicates the power status of the device.
3. **Vehicle LED:** Indicates communication status with the vehicle.
4. **Connection Mode LED:** Indicates the current connection mode (e.g., Bluetooth, USB).
5. **Vehicle Data Connector (16-Pin):** Connects to the vehicle's OBD-II port.
6. **USB Port:** Used for wired connection to a diagnostic tablet or PC, and for power.

### 3. SETUP

#### Connecting the VCI100:

Follow these steps to establish a connection between the MaxiVCI V100 and your Autel diagnostic scanner:



Image 3.1: Easy Setup Steps for MaxiVCI V100

1. **Step 1: Insert VCI100 into Vehicle DLC.** Locate the vehicle's Data Link Connector (DLC), typically under the dashboard on the driver's side, and firmly plug in the MaxiVCI V100.
2. **Step 2: Power on Scanner.** Turn on your compatible Autel MaxiSys scanner (MS906BT, MK906BT, MS906TS).
3. **Step 3: Connect Wirelessly.** On your scanner, open the settings and enable Bluetooth. Select the MaxiVCI V100 from the list of available devices to establish a wireless connection.

Alternatively, you can connect the VCI100 directly to your scanner using a USB cable. The system will prioritize USB communication when both are connected.

### Powering the VCI100:

The MaxiVCI V100 can be powered in three ways:

- Directly from the vehicle's OBD II/EOBD compliant Data Link Connector (DLC).

- Via a USB cable connected to a compatible Autel scanner.
- Via a USB cable connected to a PC.

## 4. OPERATING INSTRUCTIONS

### Wireless Communication:

The MaxiVCI V100 provides an ultra-long working range of up to 98.4 feet (30 meters), significantly expanding the diagnostic distance compared to wired connections. It features low energy consumption, low latency, and enhanced anti-interference capabilities to ensure stable and uninterrupted communication during diagnostic procedures. If the VCI moves out of range, the connection will automatically disconnect and restore once it re-enters the working range.

### Compatibility:

The Autel MaxiVCI V100 is specifically designed to work with the following Autel MaxiSys diagnostic scanners:

- Autel MaxiSYS MS906BT
- Autel MaxiSYS MK906BT
- Autel MaxiSYS MS906TS

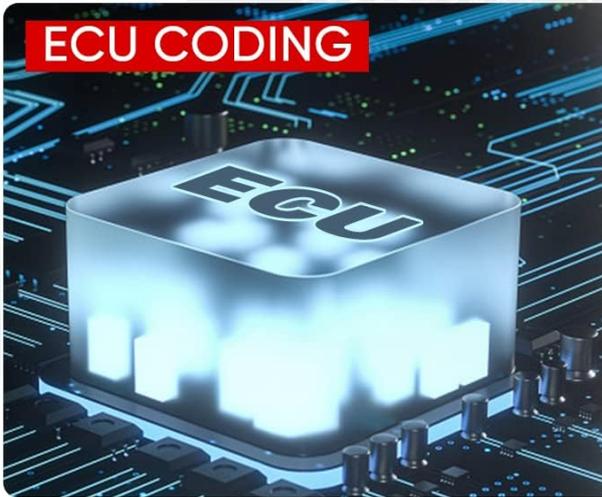
**WORK WITH**

**AUTEL MS906BT/ MS906TS/ MK906BT**

**COMPATIBLE**



**ECU CODING**



**BI-DIRECTIONAL CONTROL**



Image 4.1: MaxiVCI V100 compatibility with Autel MS906BT, MS906TS, and MK906BT scanners.

When connected to these scanners, the VCI100 supports diagnostics for a wide range of vehicles, including most US, EU, and Asian production vehicles from 1996 and newer.

# EXTENSIVE

# VEHICLE COMPATIBILITY

1996 AND NEWER VEHICLES

After connecting the MK906BT MS906BT MS906TS scanner, it supports most US, EU and ASICHA production vehicles



Image 4.2: Extensive vehicle compatibility supported by the VCI100 when paired with a compatible Autel scanner.

## 5. MAINTENANCE

To ensure the longevity and optimal performance of your MaxiVCI V100, follow these maintenance guidelines:

- Keep the device clean and free from dust and debris. Use a soft, dry cloth for cleaning.
- Store the VCI100 in a cool, dry place when not in use.
- Avoid exposing the device to extreme temperatures or direct sunlight.
- Do not drop or subject the device to severe impacts.

### Important Safety Note:

Before connecting or disconnecting the VCI100 from the vehicle's DLC, always ensure the vehicle's ignition switch is in the OFF position. This precaution helps prevent instantaneous current shock caused by hot plugging or

unplugging, which could potentially damage the VCI unit or the vehicle's electrical system.

## 6. TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your MaxiVCI V100.

Problem	Possible Cause	Solution
VCI100 does not power on.	No power from DLC; USB cable not connected or faulty.	Ensure DLC connection is secure. Try connecting via USB cable to scanner or PC. Check USB cable for damage.
Cannot establish wireless connection.	VCI out of range; Bluetooth off on scanner; Interference; VCI not paired.	Move VCI closer to scanner. Ensure Bluetooth is enabled on scanner. Re-pair the VCI in scanner settings. Avoid strong electromagnetic interference.
Intermittent communication during diagnostics.	Weak signal; Battery low on scanner; Environmental interference.	Ensure VCI is within optimal range. Charge scanner battery. Minimize sources of interference. Consider using a USB cable for a more stable connection.
Vehicle LED not lighting up.	No communication with vehicle; Faulty DLC connection.	Verify VCI is securely plugged into the vehicle's DLC. Ensure vehicle ignition is on (but engine off for initial connection). Check vehicle's OBD-II port for damage.

## 7. SPECIFICATIONS

The following table outlines the technical specifications for the Autel MaxiVCI V100 VCI Interface:

Specification	Value
Model	MaxiVCI V100 VCI Interface
Manufacturer Part Number	VCI100
Item Weight	2.39 ounces
Product Dimensions	0.79 x 0.79 x 0.79 inches
Power Source	Connect with Car (DLC), USB
Operating System (Compatible Scanners)	Android 4.4 and above
Wireless Working Range	Up to 98.4 feet (30 meters)
UPC	792499186418, 849438018177

Specification	Value
ASIN	B0BL79T62P

## 8. WARRANTY AND SUPPORT

### Warranty Information:

The Autel MaxiVCI V100 interface comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the product functions as intended under normal use. Please retain your proof of purchase for warranty claims.

### Customer Support:

For any issues, questions, or technical assistance regarding your Autel MaxiVCI V100, please contact Autel Direct customer support. You can reach us via email at [auteldirect@outlook.com](mailto:auteldirect@outlook.com). Our support team is available to assist you with troubleshooting, product inquiries, and warranty services.