



## XTOOL V207 Wireless Diagnostics Module User Manual

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### XTOOL V207 Wireless Diagnostics Module



Please read this user manual carefully before using the V207. When reading the manual, please pay attention to the words “Note” or “Caution” and read them carefully for appropriate operation.

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## Declaration

- This manual is designed for the usage of the V207 and provides operating instructions and product descriptions for users of the V207.
- No part of this manual can be reproduced, stored in a retrieval system, or transmitted, in any form or by any means (electronic, mechanical, photocopying, recording, or otherwise), without the prior written permission of Xtool.
- Use the device only as described in this manual. Xtool is not responsible for any consequences of violating the laws and regulations caused by using the product or its data information.
- Xtool shall not be liable for any incidental or consequential damages or for any economic consequential damages arising from the accidents of individual users and third parties, misuse or abuse of the device, unauthorized change or repair of the device, or the failure made by the user not to use the product according to the manual.
- The configuration, function, appearance and UI of this product involved in the user manual will continue to be optimized, and the manual may not be updated in time.
- Please refer to the actual product if there is any difference. The final interpretation right belongs to Shenzhen Xtooltech Intelligent Co., Ltd.

## Operation Instructions

For safe operation, please follow the instructions below:

- Keep the device away from heat or fumes when you are using it.
- If the vehicle battery contains acid, please keep your hands and skin or fire sources away from the battery during testing.
- The exhaust gas of the vehicle contains harmful chemicals, please ensure adequate ventilation.
- Do not touch the cooling system components or exhaust manifolds when the engine is running due to the high temperatures reached.
- Make sure the car is securely parked, Neutral is selected or the selector is at P or N position to prevent the vehicle from moving when the engine starts.

- Make sure the (DLC) diagnostic link connector is functioning properly before starting the test to avoid damage to the Diagnostic Tablet.
- Do not switch off the power or unplug the connectors during testing, otherwise, you may damage the ECU and/or the Diagnostic Tablet.

### Cautions!

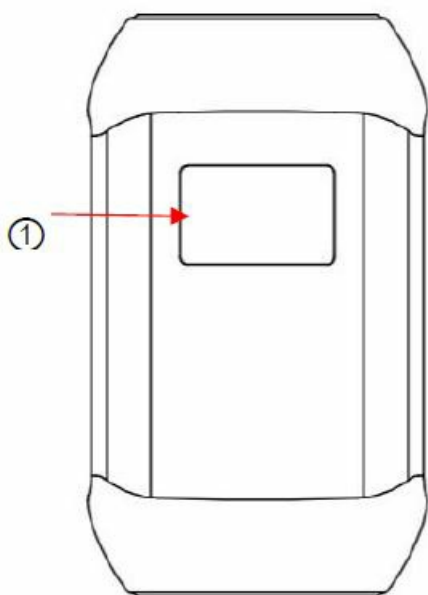
- Avoid shaking or dismantling the unit as it may damage the internal components.
- Do not use hard or sharp objects to touch the LCD screen;
- Do not use excessive force;
- Do not expose the screen to strong sunlight for a long period.
- Please keep it away from water, moisture, high temperature, or very low temperature.
- If necessary, calibrate the screen before testing to ensure the accuracy of LCD performance.
- Keep the main unit away from strong magnetic fields.

### Aftersales-Services

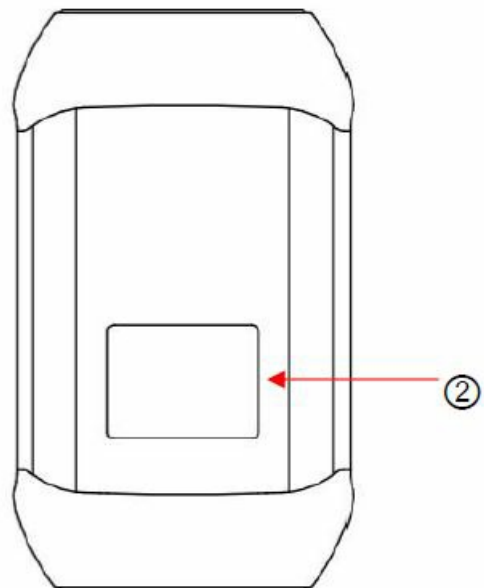
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- 🌐 Official Website: [www.xtooltech.com](http://www.xtooltech.com).
- Please provide your device serial number, VIN code, vehicle model, software version, and other details when seeking technical support.
- If there are screenshots or videos, it will better help us locate your problem.

## GENERAL INTRODUCTION

### FRONT/BACK VIEW OF VCI BOX



**Front**



**Back**

- **Display Screen:** Show the status of the V207 like battery voltage, Wi-Fi connection, and car communication status.
- **Nameplate:** Show basic information about the V207, like the serial number.
- Make sure that you're using the V207 that is paired with the tablet, or it will not communicate. The serial number of the VCI box must be the same as the serial number of the tablet.

#### TOP/BOTTOM VIEW OF V207



1. **DB15 Port:** Used to connect the V207 to the OBDII port on the vehicle.
2. **USB-B Port:** Used to connect the V207 to the tablet.

#### TECHNICAL SPECIFICATIONS

##### Specification

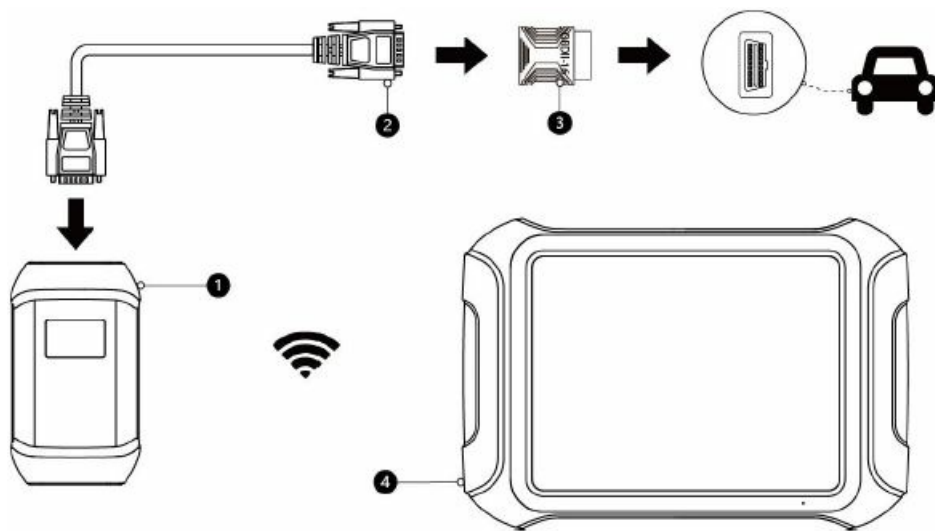
| Item                  | Description                  |
|-----------------------|------------------------------|
| Display               | 1.54-inch, 128×64 resolution |
| Connectivity          | USB<br>Wi-Fi                 |
| Ports                 | USB type-B<br>DB15           |
| Input Voltage         | 12V DC                       |
| Operating Temperature | -10~50°C                     |
| Relative Humidity     | < 90%                        |
| Dimensions            | 91.0×157.0×35.0 mm           |

#### DIAGNOSIS

The V207 connects to the vehicle through the main test cable. And V207 can connect the tablet via Wi-Fi and the USB Type-B

#### VEHICLE CONNECTION

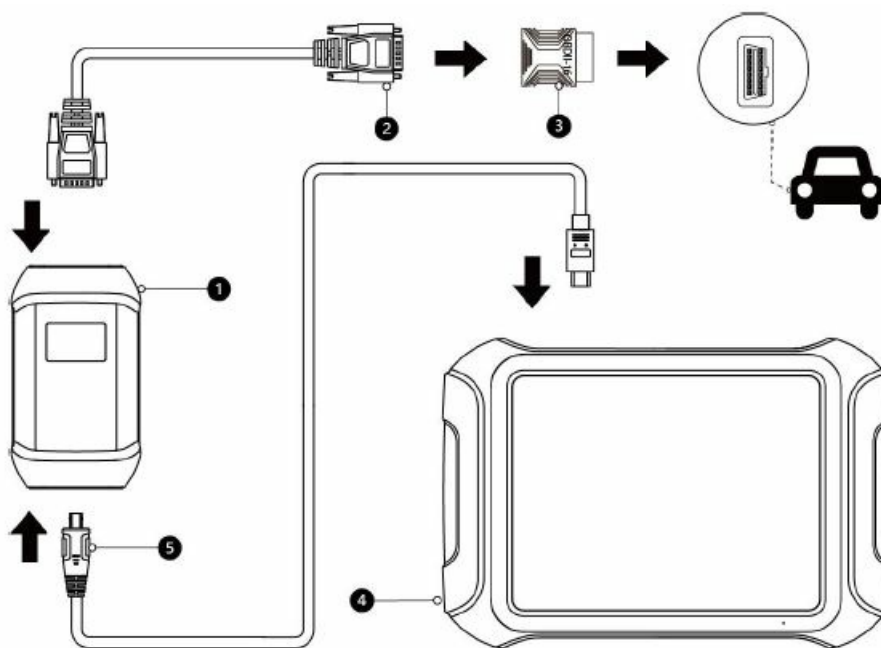
The V207 should establish communication with the vehicle, and Wi-Fi should be connected between the tablet and the V207. Please follow the steps below.



**Fig 4-1**

1. Turn on the tablet.
2. Connect the vehicle, the V207 and the tablet following the diagram below.  
Usually, the OBD port is located under the dashboard, inside the driver's footwell.
3. Wait for the VCI box to communicate with the tablet, then click on the menus to perform the functions.

If necessary, please connect the V207 with the tablet using the Type-C to Type-B cable, especially when working on some processes that need to transfer lots of data.



## FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, according to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used under the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**Caution:** Any changes or modifications to this device not explicitly approved by the manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

### **RF Exposure Information**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.

### **ISED Statement**

English: This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

The digital apparatus complies with Canadian CAN ICES-3 (B)/NMB-3(B).


- This device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS 102 RF exposure, users can obtain Canadian information on RF exposure and compliance.
- This equipment complies with Canada's radiation exposure limits set forth for an uncontrolled environment.
- This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body.

## **CONTACT**

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## References

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- User Manual