



USER MANUAL

V207 Wireless Diagnostics Module

Shenzhen Xtooltech Intelligent Co., LTD

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

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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

① Please provide your device serial number, VIN code, vehicle model, software version, and other details when seeking technical support.

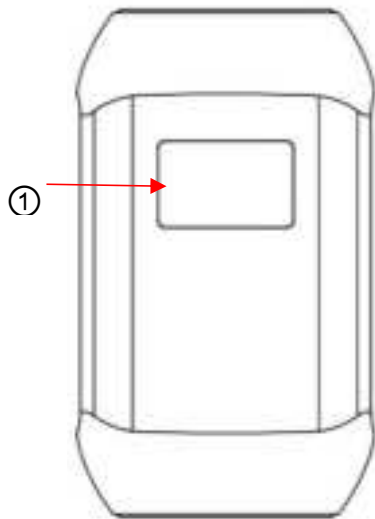
If there are screenshots or videos, it will better help us locate your problem.

Content

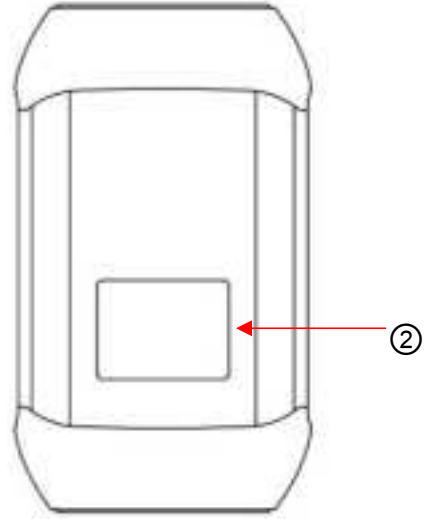
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1 GENERAL INTRODUCTION

FRONT/BACK VIEW OF VCI BOX



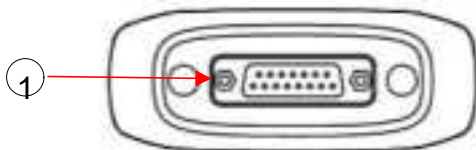
Front



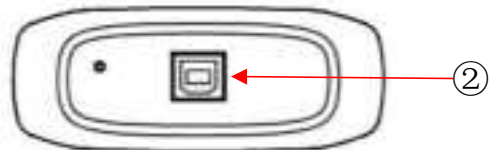
Back

- ① **Display Screen:** Show status of the V207 like battery voltage, Wi-Fi connection, and car communication status.
- ② **Nameplate:** Show basic information about the V207, like the serial number.
 - ① 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



Top



Bottom

- 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.

2 TECHNICAL SPECIFICATIONS

Specification	
Item	Description
Display	1.54-inch, 128×64 resolution
Connectivity	<ul style="list-style-type: none">● USB● Wi-Fi
Ports	<ul style="list-style-type: none">● USB type-B● DB15
Input Voltage	12V DC
Operating Temperature	-10~50℃
Relative Humidity	< 90%
Dimensions	91.0×157.0×35.0 (mm)

3 DIAGNOSIS

The V207 connect 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.

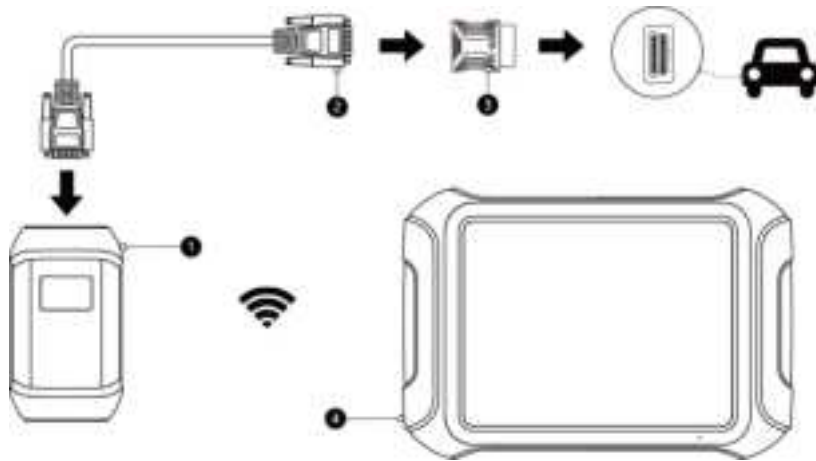
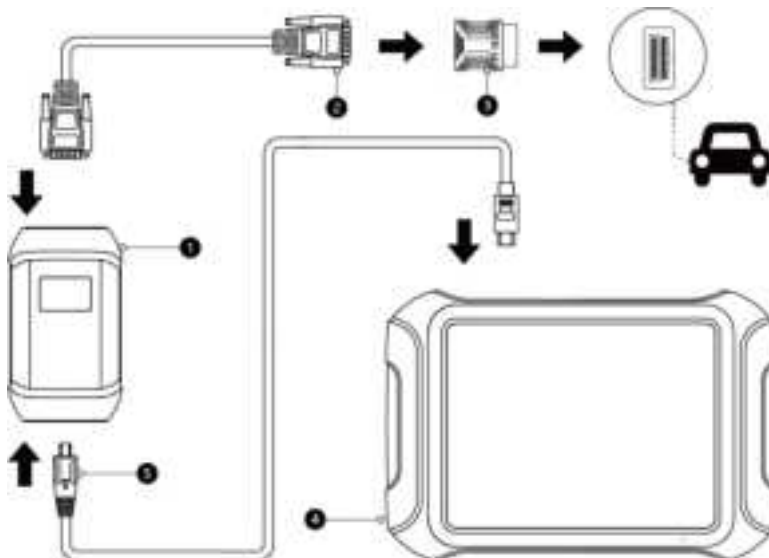


Fig 4-1

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 driver's footwell.
3. Wait for the VCI box to communicate with the tablet, then click into the menus to perform the functions.

① If necessary, please connect the V207 with the tablet using the Type-C to Type-B cable, especially when working on some processes that needs 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, pursuant 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 in accordance with 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 receiver.
- Connect the equipment into 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 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 minimum distance 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).

French: Cet appareil contient des émetteurs/récepteurs exempts de licence qui sont conformes aux RSS exemptés de licence d'Innovation, Sciences et Développement économique Canada.

L'exploitation est soumise aux deux conditions suivantes :

- (1) Cet appareil ne doit pas provoquer d'interférences.
- (2) Cet appareil doit accepter toute interférence, y compris les interférences susceptibles de provoquer un fonctionnement indésirable de l'appareil.

L'appareil numérique conforme canadien peut - 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.

Cet appareil est conforme à l'exemption des limites d'évaluation courante dans la section 2.5 du cnr - 102 et conformité avec rss 102 de l'exposition aux rf, les utilisateurs peuvent obtenir des données canadiennes sur l'exposition aux champs rf et la conformité.

This equipment complies with Canada radiation exposure limits set forth for an uncontrolled environment.

Cet équipement est conforme aux limites d'exposition aux rayonnements du Canada établies pour un environnement non contrôlé.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Cet équipement doit être installé et utilisé à une distance minimale de 20 cm entre le radiateur et votre corps.

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