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## Disclaimer of Warranties and Limitation of Liabilities

All information, specifications and illustrations in this manual are based on the latest information available at the time of printing.

Autel reserves the right to make changes at any time without notice. While information of this manual has been carefully checked for accuracy, no guarantee is given for the completeness and correctness of the contents, including but not limited to the product specifications, functions, and illustrations.

Autel will not be liable for any direct, special, incidental, indirect damages or any economic consequential damages (including the loss of profits).

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### IMPORTANT

Before operating or maintaining this unit, please read this manual carefully, paying extra attention to the safety warnings and precautions.

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## For Services and Support

 [pro.autel.com](http://pro.autel.com)  
[www.autel.com](http://www.autel.com)

 1-855-288-3587/1-855-AUTELUS (North America)  
0086-755-86147779 (China)

 [Support@autel.com](mailto:Support@autel.com)

For technical assistance in all other markets, please contact your local selling agent.

# Safety Information

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For your own safety and the safety of others, and to prevent damage to the device and vehicles upon which it is used, it is important that the safety instructions presented throughout this manual be read and understood by all persons operating or coming into contact with the device.

There are various procedures, techniques, tools, and parts for servicing vehicles, as well as in the skill of the person doing the work. Because of the vast number of test applications and variations in the products that can be tested with this equipment, we cannot possibly anticipate or provide advice or safety messages to cover every circumstance. It is the automotive technician's responsibility to be knowledgeable of the system being tested. It is crucial to use proper service methods and test procedures. It is essential to perform tests in an appropriate and acceptable manner that does not endanger your safety, the safety of others in the work area, the device being used, or the vehicle being tested.

Before using the device, always refer to and follow the safety messages and applicable test procedures provided by the manufacturer of the vehicle or equipment being tested. Use the device only as described in this manual. Read, understand, and follow all safety messages and instructions in this manual.

## Safety Messages

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Safety messages are provided to help prevent personal injury and equipment damage. All safety messages are introduced by a signal word indicating the hazard level.

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### **DANGER**

Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury to the operator or to bystanders.

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### **WARNING**

Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury to the operator or to bystanders.

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# Safety Instructions

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The safety messages herein cover situations Autel is aware of. Autel cannot know, evaluate or advise you as to all of the possible hazards. You must be certain that any condition or service procedure encountered does not jeopardize your personal safety.

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## **DANGER**

When an engine is operating, keep the service area **WELL VENTILATED** or attach a building exhaust removal system to the engine exhaust system. Engines produce carbon monoxide, an odorless, poisonous gas that causes slower reaction time and can lead to serious personal injury or loss of life.

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## **SAFETY WARNINGS**

- Wear safety glasses and protective clothing.
- NEVER smoke or allow a spark or flame in vicinity of battery or engine.
- Have plenty of fresh water and soap nearby in case battery acid contacts skin, clothing or eyes.
- If battery acid contacts skin or clothing, wash immediately with soap and water. If acid enters eye, immediately flush eye with cold running water for at least ten minutes and get medical attention immediately.
- Use caution when working with metallic tools to prevent sparks or short circuits.
- Remove any jewelry or watches before you start servicing the battery.
- Keep hair, hands, and clothing as well as tester leads and cords away from moving blades and belts.

# MaxiBAS BT608

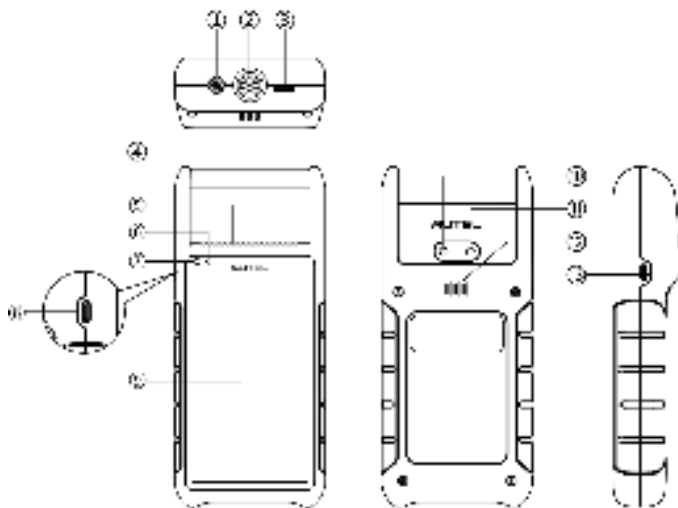
## Touchscreen Battery & Electrical System Tester

The feature-rich MaxiBAS BT608 battery and electrical system tester applies Adaptive Conductance, a proprietary Autel technology that identifies low-capacity batteries. It can display a quick health status of the existing battery, register a new battery and perform advanced battery and electrical system diagnostics. The BT608 also displays error codes, live data and system detection features to automatically scan the VIN and identify battery parameters and provide graphic instruction guides for battery positioning and testing. The easy to use Android based touchscreen tablet provides WiFi software updates as well as WiFi printing and sharing of the shop customized reports, or print on hand with the built-in thermal printer.

There are two main components to the MaxiBAS BT608:

- MaxiBAS Tester– the touchscreen battery & electrical system tester.
- MaxiVCI V200 - Vehicle Communication Interface.

## MaxiBAS Tester



1. Multimeter Cable Port

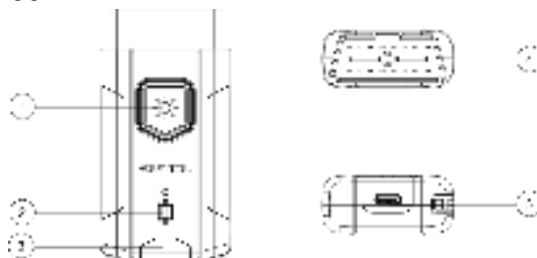
2. Clamp Cable Port
3. Micro SD Slot
4. Thermal Printer
5. Paper Exit
6. Status Light
7. Ambient Light Sensor
8. Lock/Power Button
9. 5.5-inch Touchscreen
10. Camera
11. Camera Flash
12. Loudspeaker
13. USB Port

## Technical Specifications

Item	Description
Operating System	Android 9.0
Screen Display	5.5" LCD touch screen with 720*1280 resolution
Storage	32GB
Connectivity	<ul style="list-style-type: none"><li>• Wi-Fi (802.11 a/b/g/n/ac)</li><li>• USB 2.0 , Type C</li><li>• BT5.0+EDR</li></ul>
Camera	8 Megapixel
Input Voltage	5V DC
Working Current	< 450 mA at 7.7VDC
Internal Battery	7.7V, 3000 mAh
CCA Range	100 to 3000A
Voltage Range	1.5V to 36V

<b>Working Temperature</b>	0°C to 50°C (32 to 122°F)
<b>Storage Temperature</b>	-10°C to 60°C (14 to 140°F)
<b>Dimension (L x W x H)</b>	204mm (8.03") x 90mm (3.54") x 32mm (1.25")
<b>Weight</b>	510g (1.12lb.)

## MaxiVCI V200









1. Lighting Push Button
2. Power LED
3. Vehicle/Connection LED
4. Vehicle Data Connector (16-Pin)
5. USB Port

## Technical Specifications

Item	Description
<b>Communications</b>	<ul style="list-style-type: none"> <li>• BLE + EDR</li> <li>• USB 2.0</li> </ul>
<b>Wireless Frequency</b>	2.4 GHz
<b>Input Voltage Range</b>	6-36 VDC
<b>Supply Current</b>	150 mA @ 12 VDC
<b>Operating Temperature</b>	-10°C to 60°C
<b>Storage Temperature</b>	-40°C to 80°C
<b>Dimensions (L x W x H)</b>	89.89 mm (3.53") x 46.78 mm (1.84") x 21 mm (0.82")

<b>Weight</b>	70.7 g (0.156 lb.)
<b>Built-in Battery</b>	3.7V Lithium Battery
<b>Light</b>	White LED

## Other Accessories

	<b>Clamp Cable</b> Connects the tester to battery
	<b>Battery Side Post Terminal Type S x2</b> Connects the battery posts and the clamps
	<b>Battery Side Post Terminal Type T x2</b> Connects the battery posts and the clamps
	<b>Power Adapter</b> Together with the mini USB cable, connects the unit to an external DC power port for power supply.
	<b>USB Cable</b> Together with the power adapter, connects the unit to an external DC power port for power supply.
	<b>Paper Roll</b> Used for thermal printer to print out reports

# Getting Started

Ensure the unit is sufficient charged or is connected to the external power supply.

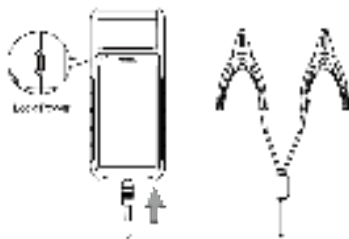
## Inspecting the Battery

Before starting a test, observe the battery for:

- Cracking, buckling, or leaking. If you see any of these defects, replace the battery.
- Corroded, loose, or damaged cables and connections. Repair or replace them as needed.
- Corrosion on the battery terminals, and dirt or acid on the case top. Clean the case and terminals using a wire brush and a mixture of water and baking soda.

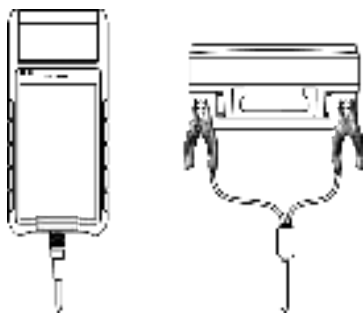
## Connecting to a Battery

1. Connect the clamp cable to the clamp cable port of the tester, and tighten the connector of the clamp cable. Long press the Lock/Power button to turn on the tester. Select the desired function and follow the instructions on the screen.



2. Connect the red clamp to the positive (+) terminal and the black clamp to the negative (-) terminal.



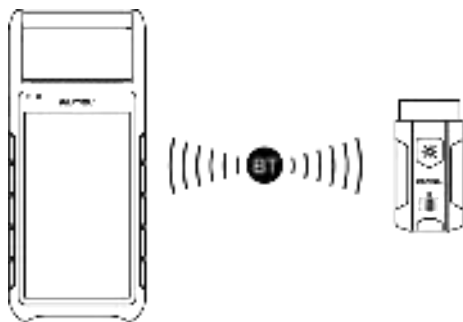


## Establish Vehicle Communication

1. Connect the VCI to the vehicle's DLC, which is generally located under the vehicle dash.



2. Connect the VCI to the tester via Bluetooth pairing. Check the VCI icon at the top right corner of the screen. The icon will be displayed with a green check mark on it if the connection is successful.



## Service Procedures

This section introduces information for technical support, repair service, and application for replacement or optional parts.

### Technical Support

If you have any question or problem on the operation of the product, please contact us (see the following contact info) or your local distributor.

#### AUTEL CHINA HQ

- Phone: 0086-755-8614 7779
- Website: [www.autel.com](http://www.autel.com)
- Email: [support@autel.com](mailto:support@autel.com)
- Address: 6th-10th floor, Building B1, Zhiyuan, Xueyuan Road, Xili, Nanshan, Shenzhen, 518055, China

#### AUTEL NORTH AMERICA

- Phone: 855-AUTEL-US (855-288-3587) Monday-Friday 9am-6pm EST
- Website: [www.autel.com](http://www.autel.com)
- Email: [ussupport@autel.com](mailto:ussupport@autel.com)
- Address: Suite 200, 175 Central Avenue, Farmingdale, New York, USA. 11735

#### AUTEL EUROPE

- Phone: 0049 (0) 61032000522
- Website: [www.autel.eu](http://www.autel.eu)
- Email: [sales.eu@autel.com/support.eu@autel.com](mailto:sales.eu@autel.com/support.eu@autel.com)

- Address: Robert-Bosch-Strasse 25, 63225, Langen, Germany

### **AUTEL SOUTH AMERICA**

- Phone: (+507) 308-7566
- Website: [www.autel.com/es](http://www.autel.com/es)
- Email: [sales.latin@autel.com](mailto:sales.latin@autel.com)/[latsupport@autel.com](mailto:latsupport@autel.com)
- Address: Office 103, Building 3845, International Business Park, Veracruz, Panamá Pacífico, Panamá

### **AUTEL AUSTRALIA**

- Phone: 03 9480 2978 / +61 476293327
- Website: [www.autel.com.au](http://www.autel.com.au)
- Email: [sales@autel.com.au](mailto:sales@autel.com.au)
- Address: 155 Islington Street, Melbourne, Collingwood, VIC

## **Repair Service**

If it becomes necessary to return your device for repair, please contact us first and then download the repair service form from [www.autel.com](http://www.autel.com), and fill it in. The following information must be included:

- Contact name
- Return address
- Telephone number
- Product name
- Complete description of the problem
- Proof-of-purchase for warranty repairs
- Preferred method of payment for non-warranty repairs

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### **NOTE**

For non-warranty repairs, payment can be made with Visa, Master Card, or with approved credit terms.

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### **Send the device to your local agent, or to the below address:**

8th Floor, Building B1, Zhiyuan, Xueyuan Road, Xili, Nanshan, Shenzhen, 518055, China

## Other Services

You can purchase the optional accessories directly from Autel's authorized tool suppliers, and/or your local distributor or agent.

Your purchase order should include the following information:

- Contact information
- Product or part name
- Item description
- Purchase quantity

# Compliance Information

**FCC Compliance**

**FCC ID: WQ8BATSTB2022**

**WQ8BATSTBV200**

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.
- Consult the dealer or an experienced radio/TV technician for help.

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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC rules and Industry Canada's license-exempt RSSs. Operation is subject to the following two conditions:

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

Cet appareil est conforme aux CNR exempts de licence d'Industrie Canada. Son fonctionnement est soumis aux deux conditions suivantes:

1. Ce dispositif ne peut causer des interférences; et
  2. Ce dispositif doit accepter toute interférence, y compris les interférences qui peuvent causer un mauvais fonctionnement de l'appareil.
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### **WARNING**

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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### **NOTE**

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.

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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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### **SAR**

The radiated output power of this device is below the FCC radio frequency exposure limits. Nevertheless, the device should be used in such a manner that the potential for human contact is minimized during normal operation.

The exposure standard for wireless devices employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/Kg. Tests for SAR are conducted using standard operating positions

accepted by the FCC with the device transmitting at its highest certified power level in all tested frequency bands.

Although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. This is because the device is designed to operate at multiple power levels so as to use only the power required to reach the network. To avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to antenna should be minimized.

## **RF WARNING STATEMENT**

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction. The minimum use distance is 10mm.

## **RoHS COMPLIANCE**

This device is declared to be in compliance with the European RoHS Directive 2015/863/EU.

## **CE COMPLIANCE**

This product can be used across EU member states. We declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

