Thank you for purchasing MaxiSys™ /MaxiSys Pro™. Manufactured to a high standard this scan tool will, if used according to these instructions and properly maintained, give you years of trouble free performance.

MaxiSys™   MaxiSys Pro™


PRODUCT DESCRIPTIONS

The MaxiSys™ Diagnostic Platform is an evolutionary smart solution for specialized automotive diagnosis.
Utilizing the powerful A9 quad-core 1.40GHz processor, and a 9.7 inch LED capacitive touch screen, combined with the best possible coverage of OE-level diagnostics, and based on the revolutionary multitask-capable Android Operating system, the MaxiSys organizes information with test instrumentation to help you diagnose symptoms, codes, and customer complaints easily, quickly and efficiently.
There are two main components to the MaxiSys system:
• MaxiSys Display Tablet -- the central processor and monitor for the system
• Vehicle Communication Interface (VCI) -- the device for accessing vehicle data

📝 NOTE: Autel provides two optional VCI devices for your choice. One is the J2534 Programming Device; the other is the Bluetooth Diagnostic Interface, both will be introduced in this manual.

1. 9.7" LED Capacitive Touch Screen
2. Ambient Light Sensor – detects ambient brightness
3. Microphone
4. DC Power Supply Input Port
5. Ethernet Port
6. HDMI Port
7. USB Port – for VCI connection
8. VGA Port
9. Lock/Power Button – turns the MaxiSys tool on and off with long press, or locks the screen with short press
10. Audio Speaker
11. Collapsible Stand – extends from the back to allow hands-free viewing of the display tablet at a 30-degree angle
12. Camera Lens
13. Camera Flash
14. SIM Card Slot - optional module
15. Mini SD Card Slot - optional module
16. Mini USB OTG Port
17. Head Phone Jack
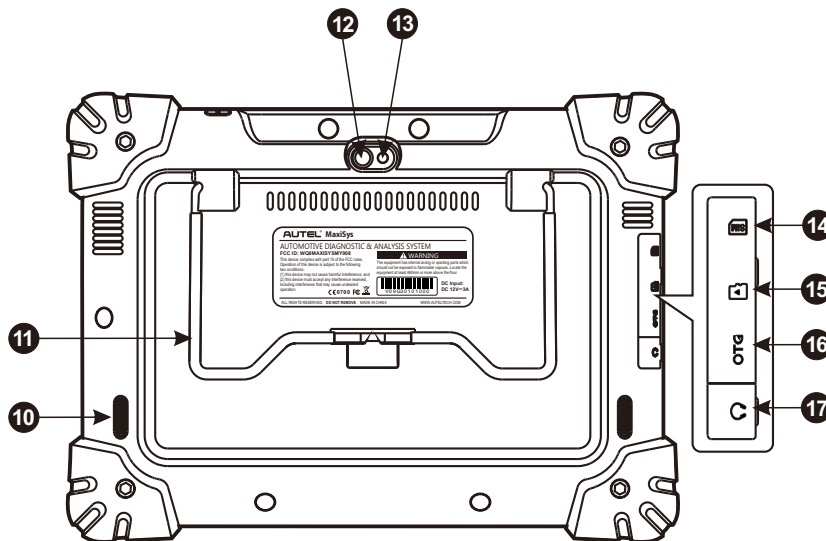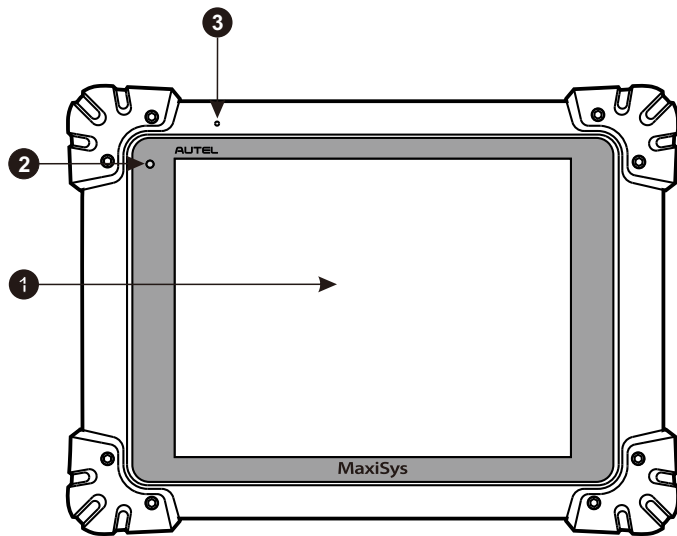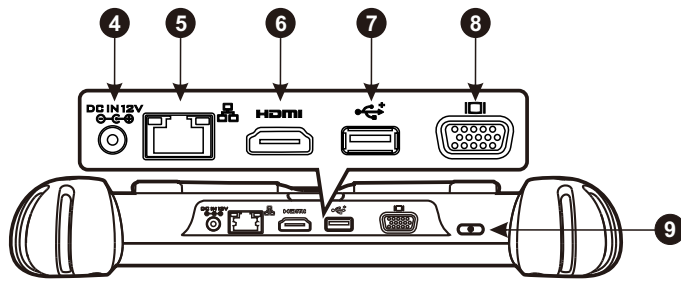
VEHICLE COMMUNICATION INTERFACE (VCI)

## 1. Bluetooth Diagnostic Interface
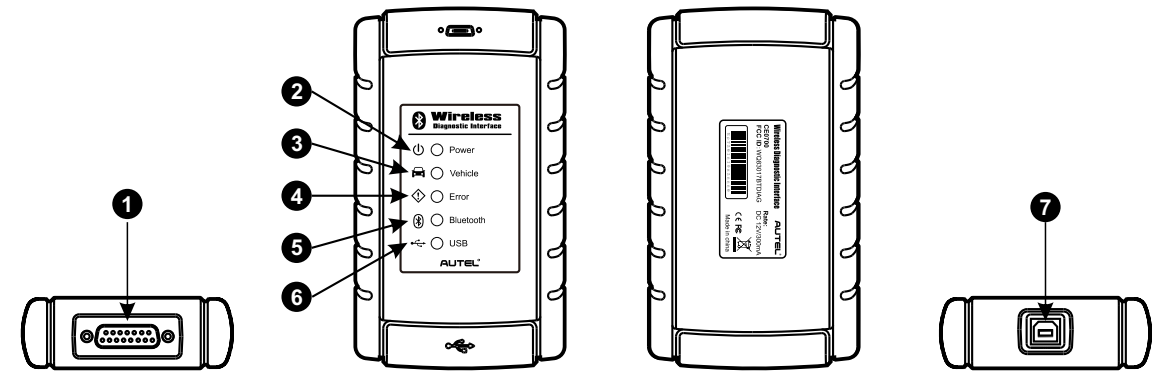
Come with MaxiSys™ Tool Kit

1. Vehicle Data Connector (DB15-Pin)
2. Power LED - illuminates solid green when power-on
3. Vehicle LED - flashes green when communicating with the vehicle's network
4. Error LED - illuminates solid red when serious hardware failure occurs; also flashes red when performing software/firmware update

5. Bluetooth LED - illuminates solid green when connected with the MaxiSys display tablet through Bluetooth communication; also flashes green when transmitting data between the vehicle and the display tablet
6. USB LED – illuminates solid green when the device is properly connected and communicating with the MaxiSys display tablet via the USB cable
7. USB Port

2. J2534 ECU Programming Device
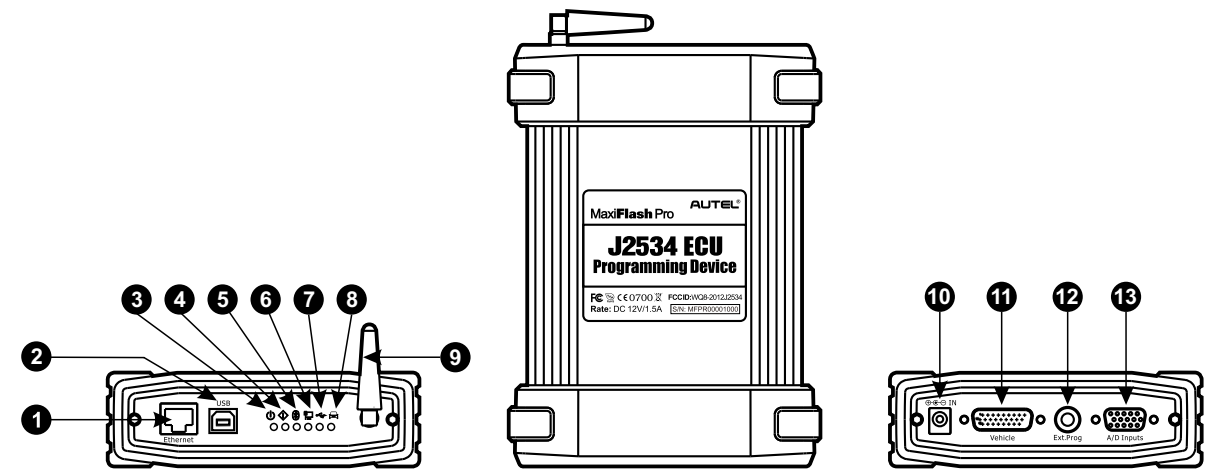
Come with MaxiSys Pro™ Tool Kit

1. Ethernet Port
2. USB Port
3. Power LED - illuminates solid green when powered on
4. Error LED - illuminates solid red when serious hardware failure occurs
5. Bluetooth LED - illuminates solid green when connected with the MaxiSys display tablet through Bluetooth communication
6. Ethernet LED - illuminates solid green when connected with the MaxiSys display tablet or an existing LAN via the Ethernet serial cable
7. USB Status Light -- illuminates solid green when the device is properly connected and communicating with the MaxiSys display tablet or the PC via the USB cable

8. Vehicle LED - flashes green when communicating with the vehicle's network
9. Bluetooth Antenna
10. DC Power Supply Input Port
11. Vehicle Data Connector (DB26-Pin MVCI)
12. External Programming Voltage Output Port
13. A/D Input Port

⚠️ **IMPORTANT:** *Do not disconnect the reprogramming device while the vehicle LED is on! If the flash reprogramming procedure is interrupted while the vehicle's ECU is blank or only partially programmed, the module may be unrecoverable.*
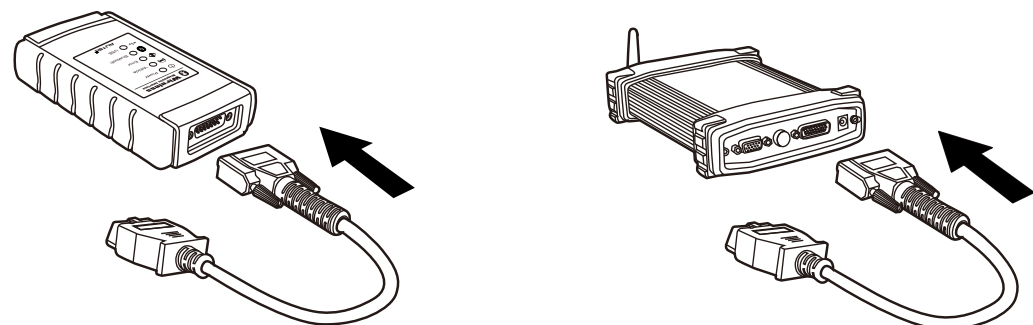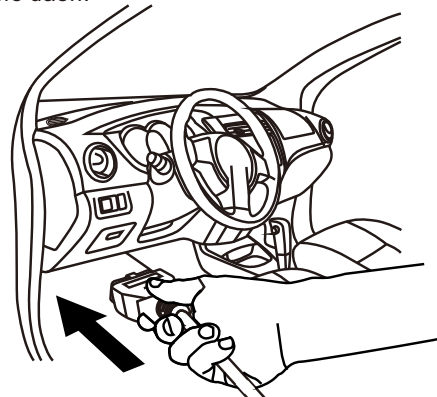
GETTING STARTED

1 Connect the main cable's female adapter to the Vehicle Data Connector on the VCI unit, and tighten the captive screws.
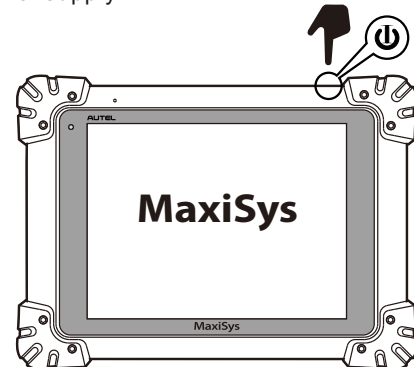
A: *for Bluetooth Diagnostic Interface*   B: *for J2534 ECU Programming Device*

2 Connect the cable's 16-pin male adapter to the vehicle's DLC, which is generally located under the vehicle dash.

3 Power up the MaxiSys Display Tablet, make sure the tablet has a charged battery or is connected to the DC power supply.
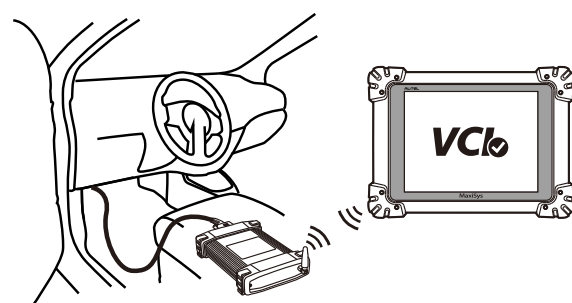
MaxiSys

4 Pairing up the display tablet with the VCI device via Bluetooth to establish a communication link.
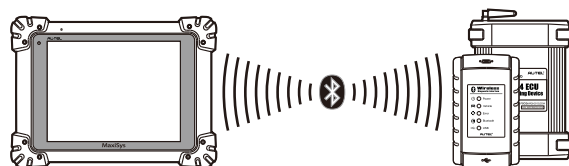
NOTE: The MaxiSys Display Tablet and the VCI device is configured to automatically synchronize with each other when you first use it, so there is no need to perform any pairing procedure.

5 When the VCI device is properly connected to the vehicle and the MaxiSys Display Tablet, the VCI status button at the bottom bar on the display screen shows a green tick at the corner, indicating the platform is ready to start vehicle diagnosis.

Your MaxiSys™/MaxiSys Pro™ is now ready for use as a diagnostic device.

AUTEL®

IMPORTANT SAFETY INSTRUCTION

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Safety Information
For your own safety and the safety of others, and to prevent damage to the equipment and vehicles upon which it is used, it is important that the safety instructions herein presented throughout this manual be read and understood by all persons operating, or coming into contact with, the equipment.
There are various procedures, techniques, tools, and parts for servicing vehicles, as well as in the skill of the individual doing the work. Because of the vast number of test applications and variations in the products that can be tested with this instrument, we cannot possibly anticipate or provide advice or safety messages to cover every situation.
It is the automotive technician's responsibility to be knowledgeable of the system being tested. It is essential to use proper service methods and test procedures. It is important to perform tests in an appropriate and acceptable manner that does not endanger your safety, the safety of others in the work area, the equipment being used, or the vehicle being tested.
Before using the equipment, 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 equipment only as described in this manual. Read, understand, and follow all safety messages and instructions in this manual.

Safety Messages
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.

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

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

Safety Instructions
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.

⚠ **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.

⚠ **WARNINGS:**
• Always perform automotive testing in a safe environment.
• Wear safety eye protection that meets ANSI standards.
• Keep clothing, hair, hands, tools, test equipment, etc. away from all moving or hot engine parts.
• Operate the vehicle in a well ventilated work area, for exhaust gases are poisonous.
• Put the transmission in PARK (for automatic transmission) or NEUTRAL (for manual transmission) and make sure the parking brake is engaged.
• Put blocks in front of the drive wheels and never leave the vehicle unattended while testing.
• Use extreme caution when working around the ignition coil, distributor cap, ignition wires and spark plugs. These components create hazardous voltages when the engine is running.
• Keep a fire extinguisher suitable for gasoline, chemical, and electrical fires nearby.
• Do not connect or disconnect any test equipment while the ignition is on or the engine is running.
• Keep the test equipment dry, clean, free from oil, water or grease. Use a mild detergent on a clean cloth to clean the outside of the equipment as necessary.
• Do not drive the vehicle and operate the test equipment at the same time. Any distraction may cause an accident.
• Refer to the service manual for the vehicle being serviced and adhere to all diagnostic procedures and precautions. Failure to do so may result in personal injury or damage to the test equipment.
• To avoid damaging the test equipment or generating false data, make sure the vehicle battery is fully charged and the connection to the vehicle DLC is clean and secure.
• Do not place the test equipment on the distributor of the vehicle. Strong electro-magnetic interference can damage the equipment