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Model: MaxiBAS BTMS

INTRODUCTION

The Autel MaxiBAS BTMS is a professional vehicle data protector designed to prevent the loss of Electronic Control Unit (ECU) codes and electronic presets when replacing or disconnecting a vehicle's battery. This device ensures that critical vehicle settings, such as those for doors, sunroof, windows, air conditioning, and infotainment systems, are retained during maintenance.

Using the MaxiBAS BTMS helps avoid common issues associated with battery disconnection, such as lost throttle correction data, non-functional one-button window lifting, or incorrect window position signals. It provides a continuous 12V power supply to the vehicle's system via the OBD2 port, safeguarding against data loss during extended repairs or battery changes.

SAFETY INFORMATION

- Always ensure the backup battery is a 12V battery and fully charged.
- Connect the **red clip** to the **positive pole (+)** and the **black clip** to the **negative pole (-)** of the backup battery.
- Do not open vehicle doors, turn on lights, start the vehicle, or activate any electrical devices during the battery replacement process while the memory saver is connected. Doing so may damage the vehicle's OBD connector or electronic systems.
- The device features reverse polarity protection. If the clamps are connected incorrectly, the BTMS will prevent electron flow to protect the backup battery and vehicle electronics. Correct the connection immediately.

PACKAGE CONTENTS

- Autel MaxiBAS BTMS OBD2 Car Memory Saver

PRODUCT OVERVIEW

The Autel MaxiBAS BTMS features a standard 16-pin OBD2 connector, insulated alligator clips, a 1.8M (5.9ft) thick copper wire, and an indicator for power supply status.



Image: Overview of the Autel MaxiBAS BTMS components, showing the 16-pin OBD2 connector, insulated alligator clips, cable length, and power supply status indicator.



Image: Detailed diagram of the 16-pin OBD2 connector, illustrating the pin assignments and their descriptions.

SETUP AND OPERATION

Follow these steps to use the Autel MaxiBAS BTMS for preserving vehicle data during battery replacement:

1. **Prepare a 12V Backup Battery:** Ensure you have a fully charged 12V backup battery available.
2. **Connect to Vehicle:** Turn off the vehicle's power. Connect the OBD2 end of the BTMS to the vehicle's OBD interface.
3. **Connect to Backup Battery:** Connect the red alligator clip to the positive pole (+) of the 12V backup battery and the black alligator clip to the negative pole (-) of the 12V backup battery.
4. **Verify Connection:** After successful connection, two green LED indicators on the BTMS device will light up. If three green lights are on, the backup battery voltage is greater than 10V. If three red lights are on,

the backup battery voltage is less than 10V, and it should be charged or replaced.

5. **Replace Vehicle Battery:** Once the connection is verified and stable, the existing vehicle battery can be safely removed and replaced.
6. **Disconnect:** After the new vehicle battery is installed, disconnect the BTMS from the backup battery first, then from the vehicle's OBD2 port.

SIMPLE OPERATION STEPS



Image: Visual guide showing the four simple steps for operating the Autel MaxiBAS BTMS: connecting to a 12V backup battery, checking LED indicators, connecting to the vehicle's OBDII port, and replacing the car battery.

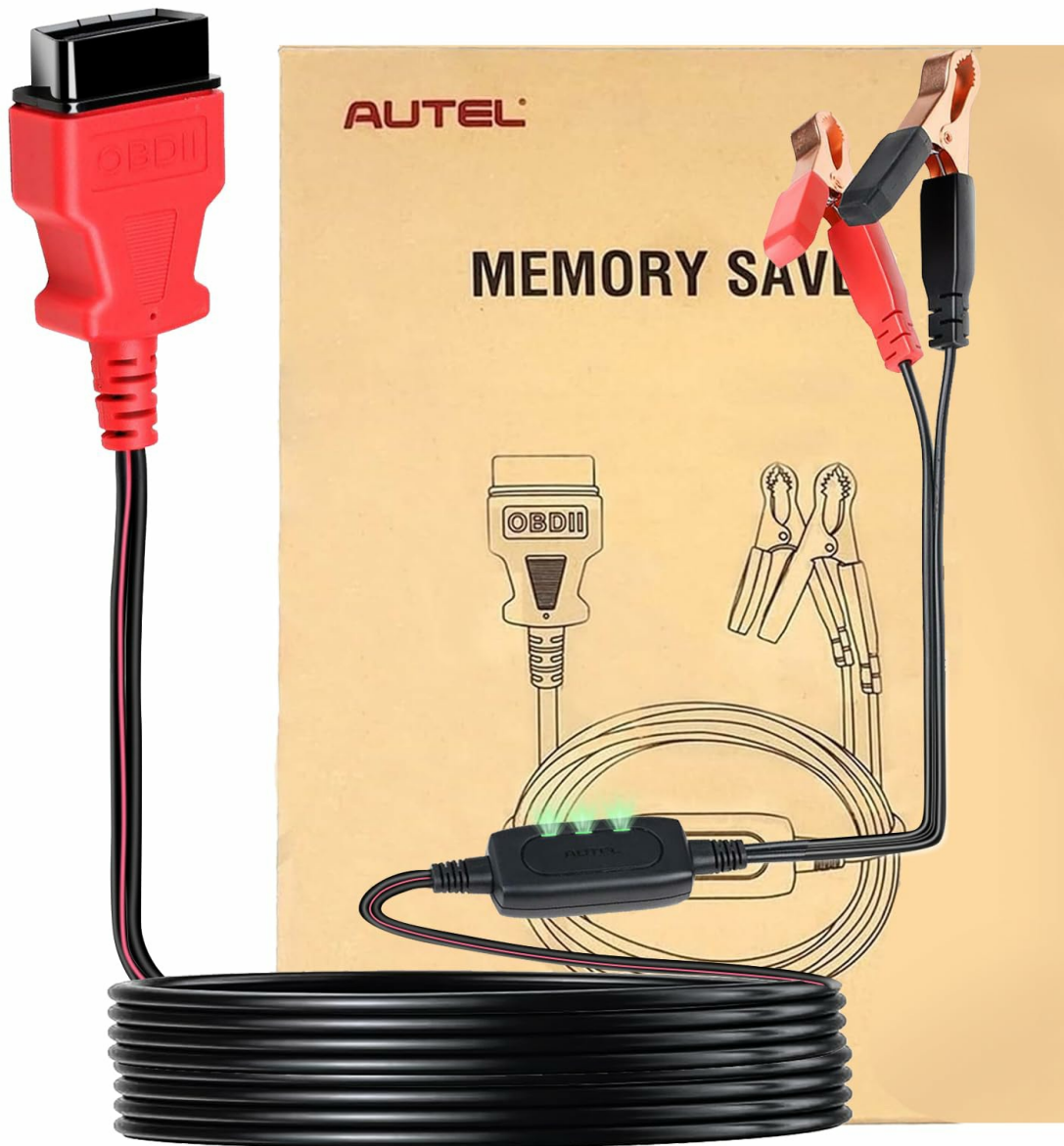


Image: Illustration of the Autel MaxiBAS BTMS connected to a car battery during replacement, showing proper connection of positive and negative poles.

PRESERVED SETTINGS

The Autel MaxiBAS BTMS helps retain various vehicle settings and data, including but not limited to:

- SAS System (Steering Angle Sensor)
- Air Conditioning settings
- Dashboard Information
- Memory Seats positions
- ABS (Anti-lock Braking System) data
- Electronic Mirror settings
- Radio presets
- Sunroof settings

RESERVE ECU SETTINGS & DATA



SAS SYSTEM



DASHBOARD INFO



MEMORY SEATS



ABS



AIR CONDITIONING



ELECTRONIC MIRROR



RADIO



SUNROOF

Image: Visual representation of various vehicle systems and settings that are preserved by the Autel MaxiBAS BTMS during battery replacement, such as SAS, air conditioning, dashboard info, memory seats, ABS, electronic mirrors, radio, and sunroof.

MAINTENANCE

The Autel MaxiBAS BTMS is designed for durability and requires minimal maintenance. Keep the device clean and dry. Store it in a cool, dry place away from direct sunlight and extreme temperatures. Regularly inspect the cable and alligator clips for any signs of wear or damage. Do not attempt to disassemble or repair the device yourself.

TROUBLESHOOTING

LED Indicator Status

- **Two Green Lights On:** Indicates a successful connection and stable power supply from the backup battery.
- **Three Green Lights On:** Indicates the backup battery voltage is greater than 10V, which is sufficient for operation.
- **Three Red Lights On:** Indicates the backup battery voltage is less than 10V. The backup battery needs to be charged or replaced before use.

Data Loss Prevention

- If data loss occurs, ensure all connection steps were followed correctly, especially regarding the backup battery voltage and proper clamp connection.
- Verify that no electrical devices were turned on, and no doors were opened during the battery replacement process, as this can disrupt the power supply and lead to data loss or damage.

Reverse Polarity Protection

The device includes built-in reverse polarity protection. If the positive clamp is accidentally connected to the negative terminal of the backup battery, the BTMS will automatically stop the flow of electrons to prevent damage to both the backup battery and the vehicle's electronic equipment. Correct the connection immediately if this occurs.

SPECIFICATIONS

Feature	Detail
Brand	Autel
Model	MaxiBAS BTMS
Power Source	Battery Powered (requires external 12V backup battery)
Automotive Fit Type	Universal Fit (for all 12V vehicles)
Connector Type	Standard 16-pin OBD2
Cable Length	1.8M (5.9 ft)
Included Components	Autel MaxiBAS BTMS OBD2 Car Memory Saver
UPC	849438030629
ASIN	B0CQM1RR61

WARRANTY INFORMATION

The Autel MaxiBAS BTMS OBD2 Car Memory Saver comes with a **1-Year Manufacturer Warranty**. For warranty claims or detailed terms and conditions, please refer to the official Autel website or contact Autel customer support.

CUSTOMER SUPPORT

For technical assistance, product inquiries, or support, please visit the official Autel website or contact their customer service department. Keep your product model number (MaxiBAS BTMS) and purchase information readily available when seeking support.