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› JDIAG M300 Motorcycle Diagnostic Tool Professional Dual System Testing with 70+ Brand Support, Battery Tester, and Software Upgrade Capabilities

TopDiag M300

JDIAG M300 Motorcycle Diagnostic Tool User Manual

Model: M300 | Brand: TopDiag

1. INTRODUCTION

The JDIAG M300 is a professional motorcycle diagnostic tool designed for comprehensive system testing and maintenance. It offers extensive compatibility with over 70 motorcycle brands and includes advanced features such as dual system testing, battery analysis, and software upgrade capabilities. This manual provides detailed instructions for the proper use and care of your M300 device.



Figure 1: JDIAG M300 Diagnostic Tool Overview. The device features a central screen displaying menu options and control buttons on the right side.

2. PACKAGE CONTENTS

Upon opening the package, please verify that all components are present and in good condition:

- JDIAG M300 Main Unit
- Data Cable
- User Manual (this document)
- Warranty Card

If any items are missing or damaged, please contact customer support immediately.

3. SETUP

3.1. Initial Power On

1. Connect the data cable to the M300 main unit.
2. Connect the other end of the data cable to the motorcycle's diagnostic port (typically a 16-pin OBD-II style connector, but may vary by motorcycle brand and model).

3. Turn the motorcycle's ignition key to the ON position. The M300 unit should power on automatically.
4. The main menu will appear on the screen, displaying options such as "Diagnosis", "Starting test(Battery)", "Picture", "Setting", "Review data", and "About".

3.2. Software Updates

To ensure optimal performance and access to the latest vehicle databases, it is recommended to regularly update the M300 software. Updates are performed online. Refer to the "Software Upgrade" section in the operating instructions for detailed steps.

4. OPERATING INSTRUCTIONS

4.1. Navigation

Use the directional arrow buttons (Up, Down, Left, Right) on the right side of the device to navigate through menu options. Press the **OK** button to confirm a selection. The **ESC** button is used to go back to the previous screen or exit a function.

4.2. Motorcycle Diagnosis

This function allows you to read system information, data streams, and fault codes from the motorcycle's Electronic Control Unit (ECU).

1. From the main menu, select **Diagnosis** and press **OK**.
2. Select the motorcycle brand and model from the list.
3. Choose the desired diagnostic function (e.g., Read Fault Codes, Live Data, Actuation Test).
4. Follow the on-screen prompts to complete the diagnostic procedure.

4.3. Battery Testing

The M300 can perform various battery tests to assess the health and performance of your motorcycle's battery.

1. From the main menu, select **Starting test(Battery)** and press **OK**.
2. Select the desired battery test mode:
 - **Start Detection:** Evaluates the battery's ability to crank the engine.
 - **Battery Waveform:** Displays real-time voltage fluctuations.
 - **Standard Testing:** General battery health check.
 - **Quick Test:** A rapid assessment of battery status.
 - **Charging Test:** Checks the motorcycle's charging system.
3. Follow the on-screen instructions for each test.

4.4. Review Data

This function allows you to review previously saved diagnostic data or captured screenshots.

1. From the main menu, select **Review data** and press **OK**.
2. Browse through the saved files and select the one you wish to view.

4.5. Settings

Access system settings such as language, unit of measurement, and software update options.

1. From the main menu, select **Setting** and press **OK**.

2. Adjust settings as required.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the device. Do not use abrasive cleaners or solvents.
- **Storage:** Store the M300 in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Care:** Avoid bending or twisting the data cable excessively to prevent damage.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Incorrect connection to motorcycle. Motorcycle ignition is off. Damaged data cable.	Ensure the data cable is securely connected to both the M300 and the motorcycle's diagnostic port. Turn the motorcycle ignition to the ON position. Try a different data cable if available.
Cannot establish communication with ECU.	Incorrect motorcycle model selected. Software is outdated. Faulty diagnostic port on motorcycle.	Verify the selected motorcycle brand and model. Perform a software update. Consult a professional mechanic to check the motorcycle's diagnostic port.

7. SPECIFICATIONS

Model	M300
Brand	TopDiag
Item Weight	2.5 pounds
Operating System	Windows (Internal System)
Automotive Fit Type	Universal Fit (for motorcycles)
UPC	635408869340
Manufacturer	Topdiag
Country of Origin	China

8. WARRANTY AND SUPPORT

8.1. Warranty Information

The JDIAG M300 comes with a standard warranty as detailed on the included Warranty Card. Please retain your proof of purchase for warranty claims. The warranty typically covers manufacturing defects and malfunctions under normal use conditions.

Protection plans are available for extended coverage:

- 3-Year Protection Plan
- 4-Year Protection Plan
- Complete Protect (monthly subscription)

For specific terms and conditions of these protection plans, please refer to the documentation provided at the time of purchase or contact the seller.

8.2. Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact TopDiag customer support. Refer to the contact information provided on the Warranty Card or the official TopDiag website.

When contacting support, please have the following information ready:

- Product Model: M300
- Serial Number (if applicable, usually found on the back of the device)
- Date of Purchase
- A detailed description of the issue

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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