

[Manuals.plus](#) /

› [TopDiag](#) /

› TopDiag M400 PRO Motorcycle Scanner Diagnostic Tool User Manual

TopDiag M400 PRO

TopDiag M400 PRO Motorcycle Scanner Diagnostic Tool User Manual

Model: M400 PRO

1. PRODUCT OVERVIEW

The TopDiag M400 PRO is an intelligent motorcycle diagnostic tool designed for comprehensive vehicle analysis. It operates on an Android 10.0 system, utilizing a quad-core high-speed processor for efficient performance. This tool supports diagnostic functions for EFI system motorcycles across various regions including Asia, Europe, the Americas, and China.

Key features include:

- Motorcycle Diagnostics
- ECU Remapping
- ABS System Test Programming
- Read System Information
- Read Fault Codes
- Clearing Fault Codes
- Battery Testing
- Signal Output
- Injector Cleaning
- Relay Testing
- Maintenance Assistant

M400PRO

Intelligent Motorcycle Diagnostics

Android intelligent operating system, the use of quad-core high-speed processor, running fast, simple and easy to operate support for Asia, Europe, the Americas and China and other regions of the EFI system motorcycle diagnostic



Figure 1.1: Overview of the TopDiag M400 PRO's intelligent motorcycle diagnostic capabilities, including ECU remapping, ABS system testing, fault code management, and battery testing.

2. WHAT'S IN THE BOX

Upon unboxing, verify that all components are present:

- M400 PRO Main Unit
- Main Test Cable (01)
- Power Clamp / Battery Test Cable (16/17) (MOTO-02)
- OBD-16P Cable (MOTO-03)
- Universal Jump Cable (MOTO-04)
- Type-C to USB 2.0 Cable
- Double-ended Type-C Cable
- User Manual

- Carton
- Tool Box
- Relay Closure
- Print Paper

Your browser does not support the video tag.

Video 2.1: This video demonstrates the unboxing of the M200 Pro (similar to M400 Pro) and its included accessories, such as various cables, the main unit, and documentation.

3. DEVICE APPEARANCE AND PRODUCT INFORMATION

Familiarize yourself with the physical layout and specifications of the M400 PRO diagnostic tool.



Figure 3.1: Front and back views of the M400 PRO, detailing its physical dimensions and key product information.

The device features a print port, interface, battery clamps, return button, confirm button, arrow keys, and plugs. Specific function keys (F1, F2, F3) provide quick access to battery diagnostic system results (previous battery test, start-up test,

charging test).

4. SETUP AND INITIAL USE

4.1 Powering On

Connect the M400 PRO to a power source using the provided cables. The device can be powered via the motorcycle's battery using the power clamp cable or through a standard power adapter (if included or purchased separately).

4.2 Language Selection

The M400 PRO supports 15 different languages. Upon first boot-up or via settings, select your preferred language from the available options:

- English
- Chinese Traditional
- Spanish
- French
- Italian
- Thai
- Turkish
- Vietnamese
- Indonesian
- Portuguese
- Japanese
- Korean
- German
- Polish
- Thailand

Your browser does not support the video tag.

Video 4.1: This video highlights the M200 Pro's (similar to M400 Pro) multi-language support, showing flags of the 15 supported languages.

5. OPERATING INSTRUCTIONS

5.1 General Diagnostics

The M400 PRO allows for quick diagnosis of motorbike faults. Connect the tool to the motorcycle's diagnostic port. You can view real-time vehicle data, read fault codes, and clear fault codes.

Intelligent diagnostics, worry-free riding

Support BMW, Harley, Ducati and other heavy machine models diagnosis

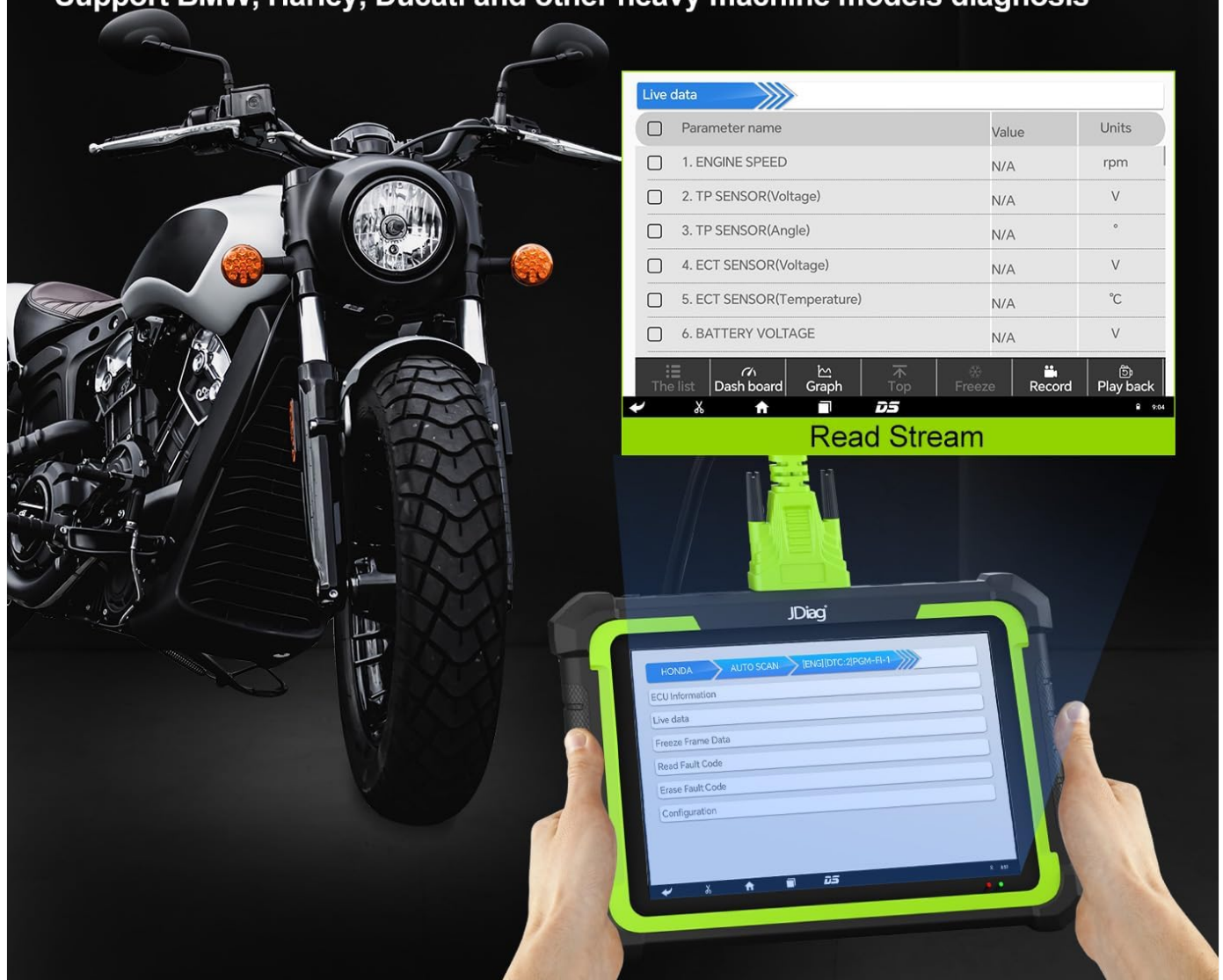


Figure 5.1: The M400 PRO displaying live data parameters and fault codes, illustrating its diagnostic capabilities for various motorcycle models.

Your browser does not support the video tag.

Video 5.1: This video demonstrates the M200 Pro's (similar to M400 Pro) ability to quickly diagnose motorbike faults, showing how to view real-time vehicle data, read codes, and clear codes.

5.2 ABS Diagnostics

Perform diagnostics on the Anti-lock Braking System (ABS) to identify and troubleshoot issues. This includes reading and clearing ABS fault codes, numerical analysis, system information retrieval, actuator testing, and accessing special functions.

ABS Diagnostics

Quickly read the status of the ABS system, troubleshooting, for the safety of your ride without worries



Figure 5.2: The M400 PRO interface during ABS diagnostics, illustrating options for reading/clearing fault codes, numerical analysis, and actuator testing.

5.3 ECU Remapping and Power Upgrade

The tool supports ECU remapping to optimize engine performance, potentially improving power output and fuel efficiency. Follow the on-screen instructions carefully during this process.



Figure 5.3: The M400 PRO interface during an ECU remapping operation, displaying engine settings and parameters.

5.4 High Definition Endoscopy

Equipped with a 1080P high-definition camera, the M400 PRO allows for visual inspection of internal engine components such as cylinder walls, valves, and to check for carbon buildup. This feature is useful for engine repair and carbon inspection.

High Definition Endoscopy

Equipped with a 1080P high-definition camera, it is easy to view the internal gears, cylinder walls, valves, and carbon buildup in the engine.

Application Scenarios

Engine Repair



Carbon Inspection



Figure 5.4: The M400 PRO displaying a high-definition endoscopic view of an engine's internal components, useful for detailed inspections.

5.5 Analog Signal Output / Signal Simulator

The device can simulate various signals, including crankshaft signals, PWM signals, injector signals, and ignition signals, to meet different diagnostic requirements.

Analog Signal Output

Can simulate crankshaft signals, PWM signals, injector signals, ignition signals and other mode requirements

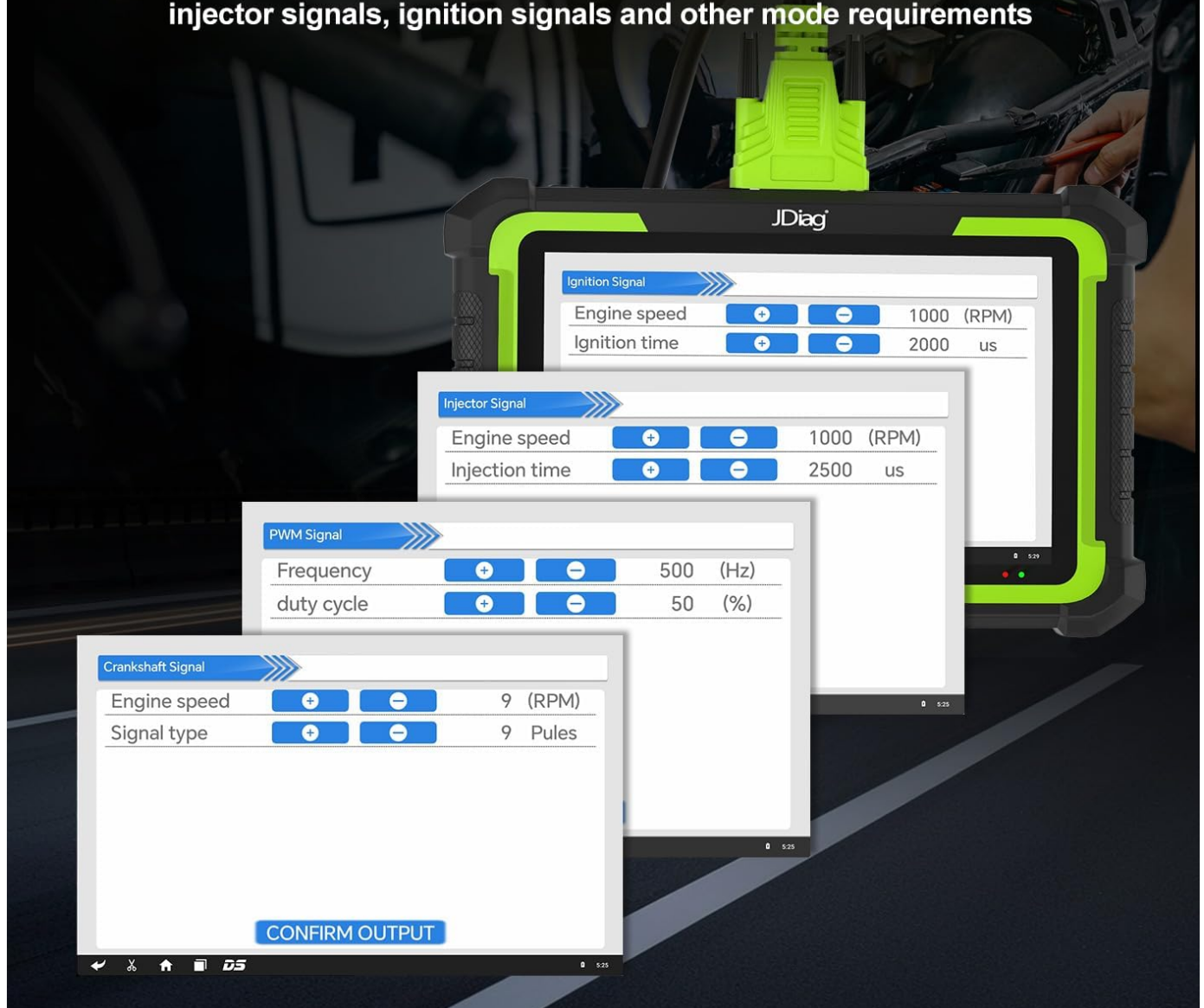


Figure 5.5: The M400 PRO interface showing options for simulating crankshaft, PWM, and injector signals for diagnostic purposes.

Your browser does not support the video tag.

Video 5.2: This video illustrates the M200 Pro's (similar to M400 Pro) signal simulator function, demonstrating its ability to simulate crank signals, PWM signals, and injector signals.

5.6 Injector Testing / Signal Detection

To clean the injectors, select Mode 4 and connect the cleaning agent. The tool also supports injector signal detection.

Your browser does not support the video tag.

Video 5.3: This video shows the M200 Pro's (similar to M400 Pro) injector testing and signal detection capabilities, including connection methods and test cleaning modes.

5.7 Battery Testing

The M400 PRO offers various battery testing modes, including standard tests, start-up tests, and charging tests, to provide accurate and comprehensive data on battery health.

Battery Testing

A variety of testing modes standard test, start-up test, charging test, so that the data more accurate and more comprehensive



Figure 5.6: The M400 PRO performing a battery test, showing detailed results such as voltage, state of health (SOH), and internal resistance.

6. MAINTENANCE

6.1 Software Updates (One-Click Upgrade)

The M400 PRO supports wireless WiFi6 connectivity for online software upgrades. This "One-Click Upgrade" feature ensures your device always has the latest software and diagnostic capabilities.

One-Click Upgrade

Support wireless WIFI6 to connect to the network, one key online upgrade, enjoy a new experience



Figure 6.1: The M400 PRO screen showing a software upgrade in progress, indicating the current and latest versions of the software components.

Your browser does not support the video tag.

Video 6.1: This video demonstrates the M200 Pro's (similar to M400 Pro) WiFi online upgrade feature, showing the process of connecting to a network and performing an automatic software update.

7. TROUBLESHOOTING

If you encounter issues with your M400 PRO, consider the following common troubleshooting steps:

- **Device Not Powering On:** Ensure all power connections are secure. Check the motorcycle battery voltage if powering directly from the vehicle.
- **Connection Issues:** Verify that the diagnostic cable is correctly and securely connected to both the M400 PRO and the motorcycle's diagnostic port.
- **Software Freezing/Unresponsive:** Restart the device. If the issue persists, check for available software updates.

- **Inaccurate Readings:** Ensure the correct motorcycle model and system are selected in the diagnostic software. Check cable integrity.
- **Printing Issues:** Verify that print paper is correctly loaded and the print port is clear.

For persistent problems, refer to the support section for contact information.

8. SPECIFICATIONS

Feature	Specification
Brand	TopDiag
Model	M400 PRO
Power Source	Corded Electric
Operating System	Android 10.0
Screen Size	8 Inches
Automotive Fit Type	Universal Fit
UPC	794969059413
ASIN	B0G7SQKDLM
GTIN	794969059413
Operating Current	150mA
Operating Temperature	0-70°C
Humidity	<90%
Upgrade Port	WiFi/USB
Communication Port	COM Port

9. WARRANTY AND SUPPORT

9.1 Manufacturer Warranty

The TopDiag M400 PRO comes with a **1-year manufacturer warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact TopDiag customer support. You can also visit the official TopDiag store for more information and resources:

[TopDiag Official Store on Amazon](#)

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

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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

Open the live page

<https://manuals.plus/asin/B0G7SQKDLM>

More documents and user manuals: <https://manuals.plus/>