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## Autel MS906 Pro-TS

# Autel MaxiSYS MS906 Pro-TS OBD2 Diagnostic Scanner User Manual

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your Autel MaxiSYS MS906 Pro-TS OBD2 Diagnostic Scanner. Please read this manual thoroughly before using the device.

## 1. PRODUCT OVERVIEW

### Key Features

- **Advanced Diagnostic Capabilities:** Integrated advanced features, comprehensive TPMS functions, and OE-level diagnostic capabilities.
- **ECU Coding:** Online and offline ECU coding for vehicle customization, hidden feature activation, module matching, and performance optimization. Supports BMW F/E chassis, Porsche, VW, Nissan, and offline adaptation for Ford, Mazda, Jaguar, Vauxhall, Opel.
- **Bidirectional Control & All-System Diagnostics:** Full bidirectional control with over 3000 active tests for various vehicle components. OE-level all-system diagnostics for over 160 vehicle brands, including reading/clearing 8000+ DTCs, 5-in-1 graph live data, and freeze frame data.
- **Extensive Service Functions:** Over 40 advanced maintenance services such as Oil Reset, EPB, BMS, SRS, ABS Bleed, SAS, Injector Coding, Throttle Match, Suspension Calibration, Gearbox Learn, and Battery Registration.
- **TPMS Functions:** Comprehensive TPMS functions including activation of 315MHz and 433MHz sensors, various relearn procedures (OBDII, Automatic, Stationary), sensor programming, RKE and RF signal strength testing, and TPMS diagnostics.
- **Advanced Features:** Includes battery testing with BT506, endoscope support (MV108S/MV105S), one-click Wi-Fi report printing, Auto Scan 2.0 for rapid scanning, a 16 MP camera for VIN/license plate scans, pre/post-sale reports, FCA automatic authentication, VAG guided functions, power balance, component matching, and remote desk functionality.
- **Broad Vehicle Coverage:** Supports over 160 brands (1996-2026+) with compatibility for DoIP (BMW E/F/G, Volvo 2018+, Land Rover/Jaguar 2017+) and CAN FD (GM 2019+) protocols.
- **Superior Hardware:** Octa-core CPU, Android 10.0 OS, 8-inch 1920x1200 display, 4GB RAM + 128GB ROM, and an 11600mAh battery.

### Product Components

The Autel MaxiSYS MS906 Pro-TS package typically includes the diagnostic tablet, a VCI (Vehicle Communication Interface) unit, necessary cables, and a power adapter. Specific contents may vary.



Image: The Autel MaxiSYS MS906 Pro-TS diagnostic tablet with its VCI unit.

## 2. SETUP

### 2.1 Initial Power-Up

1. Ensure the device is fully charged or connected to a power source.
2. Press and hold the power button to turn on the tablet.
3. Follow the on-screen instructions to complete the initial setup, including language selection and Wi-Fi connection.

### 2.2 Connecting to Vehicle

1. Locate the vehicle's OBD2 port, typically under the dashboard on the driver's side.
2. Connect the VCI unit to the vehicle's OBD2 port.

3. Ensure the VCI unit is wirelessly connected to the MaxiSYS MS906 Pro-TS tablet via Bluetooth.
4. Turn the vehicle's ignition to the ON position (engine off).

# 36+ HOT Reset Services

Solve 99% Issues, Save 50% Costs than Snap.on

- SAS
- E.P.B
- Seats
- Clutch
- Throttle
- TEC Learn...





Oil Reset



ABS Bleeding



BMS Reset



Power Balance

# 160+ Brands Coverage

DoIP / CAN-FD    FCA SGW    V.A.G Guided

**Asia**



Toyota, Lexus,  
Suzuki, Hyundai, etc.

**America**



Ford, Chrysler,  
Dodge, J\*\*p, G-M, etc.

**Europe**



B\*W, A\*di, Skoda,  
Peugeot, Volvo, etc.

Image: Illustration of connecting the diagnostic tool to a vehicle's OBD2 port.

## 3. OPERATING INSTRUCTIONS

### 3.1 Vehicle Diagnostics

1. From the main menu, select "**Diagnostics**".
2. Choose the vehicle manufacturer and model. The device supports automatic VIN detection.
3. Select "**Auto Scan**" to perform a comprehensive scan of all available systems.
4. Review the detected Diagnostic Trouble Codes (DTCs) and live data.
5. Use the "**Clear Codes**" function to erase DTCs after repairs are completed.

# Dealer-Level ECU Coding Same as Ultra

## Online & Offline Coding

- ✓ Open/Close Functions
- ✓ Match New Modules
- ✓ Personalize Settings
- ✓ Reset Parameter to Default
- ✓ Refresh Hidden Features
- ✓ Fix Complex ECU Issues



**Online:** For B\*W, P0rshe, V-W, Nissan, Infiniti, Hyundai, etc.

**Offline:** For BMW F&E, F0rd, Ma\*da, Jaguar, Vauxhall, Opel, etc.



Dashboard  
Brightness Change



Headlights Flash  
When Alarm



Moving Pointer  
Self-check



Seatbelt Warning  
Sounds Off

Image: A view of the diagnostic screen displaying vehicle information and scan results.

## 3.2 TPMS Functions

The MS906 Pro-TS offers extensive TPMS capabilities:

- **Sensor Activation:** Activate 315MHz and 433MHz TPMS sensors.
- **Sensor Relearn:** Perform various relearn procedures (OBDII, Automatic, Stationary).
- **Sensor Programming:** Program Autel MX-Sensors to replace faulty OEM sensors.
- **TPMS Diagnostics:** Read sensor data, clear TPMS DTCs, and reset TPMS MIL.



# TOP - Ranking TPMS

MS906 PRO-TS > MP900-TS > MP808S-TS > MK900-TS

## 3 Relearn Options



- OBDII Relearn (80% Cars)
- Automatic Relearn
- Stationary Relearn

## 2 Program Options



- Copy by OBD
- Auto Create (1-20)

## 99% Sensors Trigger



- For 315/433MHz
- Cover 99% Sensors

## Full TPMS Diagnosis



- Read Tire Data
- Clear TPMS DTCs
- Reset TPMS MIL

## TPMS Toolkit



RKE & RF: 315&433 MHz



RED/7002A: Redi-sensor



Sleep/Park Mode



Image: The TPMS menu showing options for sensor activation, relearn, and programming.

### 3.3 Service Functions

Access a wide range of service functions from the "Service" menu. These include:

- Oil Reset
- Electronic Parking Brake (EPB) Reset
- Battery Management System (BMS) Reset
- Steering Angle Sensor (SAS) Calibration
- ABS Brake Bleeding
- Injector Coding
- Throttle Body Relearn
- Suspension Calibration
- Gearbox Learning

**60S**  
Pinpoint Faults

**99%**  
Issues Fixed

**130%**  
Faster Repair

**160+**  
Brands Covered

**Elite II PRO,  
MS909**

**3000+**

**Active Tests**

- Window / Mirror
- Camera / Throttle
- Clutch / Fan
- Light / Horn
- Pump / Door
- Br\*ke / Injector
- Cycle A/C
- Radiator Fan
- Interior Lights
- Exterior Lights
- Sound Horn
- More ...

**OE All System Diagnostics**

- ✓ Read / Clear Codes
- ✓ 5-IN-1 Live Data
- ✓ Freeze Frame Data
- ✓ ECU Information

**8X-FASTER  
AutoScan 2.0**

Image: A display of various maintenance and service functions available on the device.

#### 4. MAINTENANCE

- Keep the device clean using a soft, dry cloth. Avoid abrasive cleaners.
- Regularly update the software to ensure optimal performance and the latest vehicle coverage. Connect to Wi-Fi and navigate to "**Update**" on the main menu.
- Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- Charge the battery regularly, even if not in frequent use, to maintain battery health.

#### 5. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Low battery or power adapter issue.	Charge the device for at least 30 minutes. Check power adapter and cable connections.

Problem	Possible Cause	Solution
Unable to connect to vehicle.	Loose OBD2 connection, VCI not paired, or vehicle ignition off.	Ensure VCI is securely connected to OBD2 port. Verify VCI Bluetooth pairing. Turn vehicle ignition to ON.
Software update fails.	Unstable Wi-Fi connection or insufficient storage.	Ensure a stable internet connection. Clear unnecessary files to free up storage. Try updating again.
Screen is unresponsive.	Software glitch or temporary freeze.	Perform a forced restart by holding the power button for 10-15 seconds.

## 6. SPECIFICATIONS

- **Manufacturer:** Autel
- **Model:** Autel MaxiSYS MS906 Pro-TS
- **Product Dimensions:** 26 x 8 x 18 cm
- **Weight:** 931 g
- **Operating System:** Android 10.0
- **Processor:** Octa-core
- **Display:** 8-inch, 1920 x 1200 resolution
- **Memory:** 4GB RAM + 128GB ROM
- **Battery:** 11,600 mAh
- **Voltage:** 18 Volts

## 7. WARRANTY AND SUPPORT

The Autel MaxiSYS MS906 Pro-TS comes with a **1-year warranty**. Autel provides frequent software updates and lifetime technical support. For any questions or assistance, please contact Autel customer service. Online services are available 24/7.

For support in languages other than English (e.g., Spanish or Portuguese), please provide your device's serial number (S/N) when contacting support.