Autel AP200

Autel AP200(HT200) Bluetooth OBD2 Scanner Instruction Manual

Model: AP200 | Brand: Autel

1. Introduction

The Autel AP200(HT200) is a compact Bluetooth OBD2 scanner designed to provide comprehensive vehicle diagnostics and service functions directly through your smartphone or tablet. It offers a cost-effective solution for diagnosing vehicle issues, clearing trouble codes, and performing various maintenance tasks.



Figure 1: Autel AP200 Bluetooth OBD2 Scanner

2. Setup and Installation

To begin using your Autel AP200, follow these steps to install the application and pair the device with your mobile device.

2.1. App Download and Installation

The Autel AP200 operates exclusively with the dedicated MaxiAP200 App. This application is available for both Android and iOS devices and can be downloaded for free from the respective app stores.

- For Android devices: Search for "MaxiAP200" on Google Play Store.
- For iOS devices: Search for "MaxiAP200" on the App Store.
- Alternatively, scan the QR code provided in the product packaging for direct download.

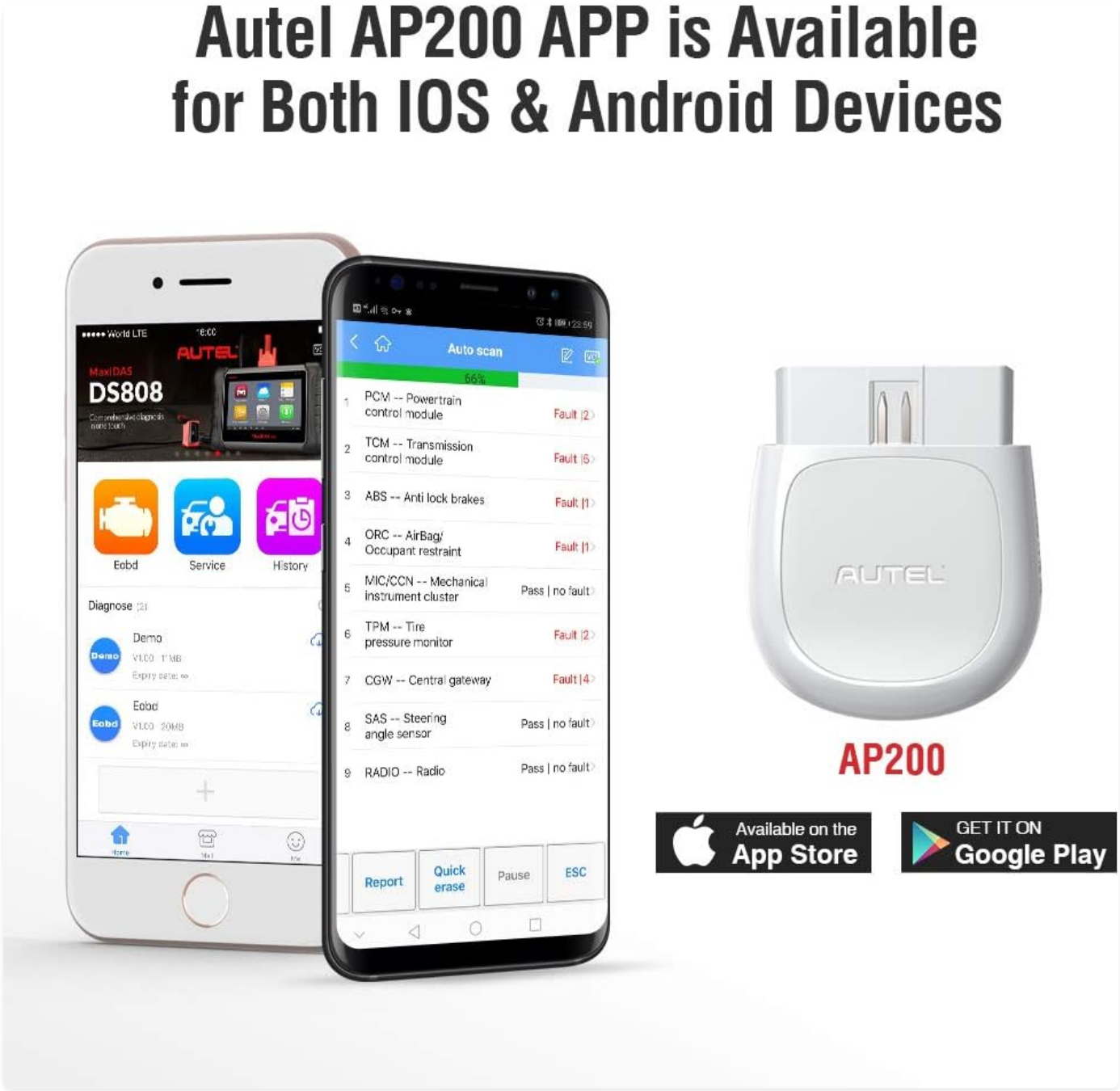


Figure 2: MaxiAP200 App Interface on iOS and Android devices

2.2. Bluetooth Pairing

After installing the app, connect the AP200 dongle to your vehicle's OBDII port (typically located under the dashboard). The device will power on, indicated by a green light. Then, proceed with Bluetooth pairing:

- For Android users: Pair Bluetooth directly within the MaxiAP200 App (Me > VCI Connection). Do not attempt to pair via your mobile device's system settings.
- For iOS users: Go to your device's Settings > Bluetooth and select the AP200 device to pair.

Once paired, the app will establish communication with your vehicle, often automatically identifying the vehicle's VIN (Vehicle Identification Number) and displaying its profile.

3. Operating the AP200

The Autel AP200 provides powerful diagnostic capabilities, including full system scans, DTC management, and live data streaming.

3.1. Full Systems Diagnoses (Auto Scan)

The Auto Scan feature allows the AP200 to automatically scan all available electronic control modules (ECMs) in your vehicle. This includes systems such as the Engine, Transmission, ABS, SRS, TPMS, and more. The scan identifies any detected faults across these systems.



Figure 3: All Systems Diagnostics Overview

3.2. DTC Reading and Clearing

After a scan, the app will display Diagnostic Trouble Codes (DTCs) found in each module. You can view definitions for these codes to understand the nature of the problem. The "Quick Erase" function allows you to clear stored, permanent, and pending codes. Note that "hard faults" (persistent issues) will not clear until the underlying problem is resolved.

3.3. Real-time Data (Live Data)

The Live Data function provides real-time vehicle data, allowing you to monitor various sensor readings and system parameters. This is crucial for diagnosing intermittent issues or verifying repairs. Data can be displayed as lists, graphs, or

gauges, and can be recorded for later analysis.



Figure 4: Autel AP200 Live Data Display

4. Maintenance Service Functions

The AP200 offers 19 commonly used service functions to assist with routine maintenance and repairs. Access these functions via the "Service" tab in the app.



Figure 5: Overview of 19 Service Functions

- **Oil Reset:** Resets the engine oil life system after an oil change.
- **EPB (Electronic Parking Brake) Service:** Deactivates and reactivates the electronic parking brake system for brake pad replacement.
- **TPMS (Tire Pressure Monitoring System):** Programs new TPMS sensor IDs or relearns existing ones.
- **BMS (Battery Management System):** Registers new battery replacements to the ECU.
- **Brake Bleed:** Performs ABS automated bleed procedures.
- **DPF (Diesel Particulate Filter) Service:** Manages DPF regeneration and reset functions.
- **Immo Keys (Immobilizer):** Performs immobilizer matching for new keys.
- **Injector Coding:** Codes new injector numbers to the ECU.
- **SAS (Steering Angle Sensor) Calibration:** Calibrates the steering angle sensor.
- **Suspension:** Adjusts vehicle height sensor calibration.
- **Throttle:** Initializes throttle actuators.
- **WIN DR ROOF (Window/Door/Roof):** Performs window, door, and roof system adaptations.
- **Seats:** Learns electric seat limit positions.
- **Odometer:** Writes original mileage into new ECU.

- Additional functions may include AFS (Adaptive Frontlighting System), Gearbox, Gear Learn, Sunroof, and more, depending on the vehicle model and software version.

5. Troubleshooting

If you encounter issues while using the Autel AP200, consider the following common troubleshooting tips:

- **App Crashing/Flashing Back:** Ensure you are logged into your account within the MaxiAP200 App.
- **Bluetooth Connection Issues:**
  - Android: Pair Bluetooth exclusively within the app (Me > VCI Connection), not through phone settings.
  - iOS: Pair through phone settings (Settings > Bluetooth).
- **Codes Not Clearing (Hard Faults):** If a diagnostic trouble code does not clear after attempting to erase it, this indicates a "hard fault." Hard faults are persistent issues that require physical repair or component replacement before the code can be successfully cleared. Address the underlying mechanical or electrical problem first.
- **Software Updates:** Ensure your MaxiAP200 App and vehicle software packages are up to date. Free downloads and updates are available for lifetime.
- **Vehicle Compatibility:** Verify that your vehicle is OBDII-compliant (generally 1996 and newer). While the AP200 is compatible with most vehicles, specific advanced functions may vary by make and model.

6. Specifications

Feature	Detail
Brand	Autel
Model Number	AP200
Item Weight	1.12 ounces
Product Dimensions	2.33 x 1.91 x 0.97 inches
Operating System	Android, iOS
Connectivity	Bluetooth
Vehicle Compatibility	Most 1996 and newer OBDII-compliant vehicles (GM, Ford, Benz, BMW, etc.)
Special Features	Full Systems Diagnoses, 19 Service Functions, Read/Clear DTCs, Live Data, Automatic VIN Scan
UPC	632111262581



Figure 6: Wide Vehicle Compatibility

7. Warranty and Support

The Autel MaxiAP200 is warranted for 12 months against defects in materials and workmanship from the date of purchase.

For technical support, inquiries, or assistance with product suitability, please contact Autel customer support via email, Q&A sections on official platforms, or the hotline listed on their official website. Professional customer support is typically available within 24 hours.

The MaxiAP200 App offers lifetime free updates, ensuring your tool remains current with the latest vehicle data and features.

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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