Autel US Autel MaxiCheck MX808S

Autel MaxiCheck MX808S Diagnostic Tool User Manual

Brand: Autel | Model: US Autel MaxiCheck MX808S

1. Setup

The Autel MaxiCheck MX808S is designed for quick and efficient setup. It runs on Android 11 with a 4-core CPU, 4GB RAM, and 64GB ROM, ensuring fast performance. The device supports Wi-Fi for updates and activation without needing a computer.

Initial Power On and Language Selection:

Upon first use, power on the device. You may need to select your preferred language. The MX808S supports English and Spanish menus by default.



Figure 1.1: Autel MaxiCheck MX808S main unit with its intuitive interface.

Connecting to Vehicle:
Connect the MaxiCheck MX808S to your vehicle's OBD2 port using the provided main cable. Ensure the vehicle's ignition is on (check engine light illuminated) for proper communication. The device will display the vehicle's battery voltage, which is crucial for programming functions.



Figure 1.2: The MX808S connected to a vehicle's OBD2 port, ready for diagnostics.

Video: How to Change Language

Description: This video demonstrates the process of changing the language settings on the Autel MaxiCheck MX808S, a common initial setup step.

2. Operating Instructions

The MaxiCheck MX808S offers comprehensive diagnostic and service functions for over 10,000 US, Asian, and EU vehicle models (1996-2025).

OE-Level All Systems Diagnostics:

Access all available vehicle systems (Engine, Transmission, Brake, TPMS, Battery, SRS, etc.) to read and clear diagnostic trouble codes (DTCs). The device can display live data in various formats (graph, text, columnar, meter, waveform) for detailed analysis.



Figure 2.1: The MX808S provides in-depth diagnostics across all vehicle modules.

Active Tests (Bi-Directional Control):
Perform over 3000 active tests by sending command actions to vehicle sub-systems or components. This allows for direct testing of components like EVAP systems, fuel trims, injectors, windows, mirrors, doors, pumps, and valves without using vehicle controls.



Figure 2.2: Bi-directional control allows direct testing of vehicle components for quicker troubleshooting.

Auto VIN & Auto Scan:
Utilize the VIN-based Auto VIN feature and Auto Scan technology for quick vehicle identification and comprehensive system scans. Manual VIN input is also available for cars where Auto VIN is not universal.
Video: Autel MaxiCheck MX808 Diagnostic Service Tool Overview

Description: This video provides a detailed overview of the diagnostic and service capabilities of the Autel MaxiCheck MX808, demonstrating its various operating functions.

3. Maintenance

The MX808S includes over 28 service functions to meet daily car maintenance demands. Please note that service functions are not universally compatible across all vehicle models; always check compatibility for specific functions.
Key Maintenance Functions:

- ABS Bleeding

- Airbag Reset
- Oil Reset
- EPB Reset (Electronic Parking Brake)
- BMS Reset (Battery Management System)
- SAS Calibration (Steering Angle Sensor)
- Injector Coding
- Crank Relearn
- Throttle Adaptation
- WIN DR ROOF (Window/Door/Roof)
- Seats Calibration
- Headlamp Adjustment
- Trans Adaption
- And many more.



Figure 3.1: A visual representation of some of the 28+ service functions available on the device.

4. Troubleshooting

If you encounter issues with your vehicle or the diagnostic tool, the MX808S provides various features to assist in troubleshooting.

Diagnosing Vehicle Issues:

- Use OE-Level All Systems Diagnostics to read and clear fault codes from all accessible modules.
- Perform Active Tests to pinpoint faulty components by directly controlling them.
- Monitor live data streams to observe real-time performance parameters and identify anomalies.

Device-Related Issues:

- Ensure the device is fully charged or connected to the vehicle's OBD2 port for power.
- Verify a stable Wi-Fi connection for software updates and online features.
- If experiencing language issues, refer to the language change settings in the setup section.

5. Specifications

Feature	Specification
Product Dimensions	6.9"L x 1.4"W x 10"H
Operating System	Android 11.0
Display Resolution	1024x600
Processor	Rockchip RK3566 4-core CPU
Memory (RAM/ROM)	4GB RAM / 64GB ROM
Item Weight	1.52 pounds
Battery	1 Lithium Polymer battery (included)
Vehicle Coverage	10,000+ US, Asian, EU vehicles (1996-2025)

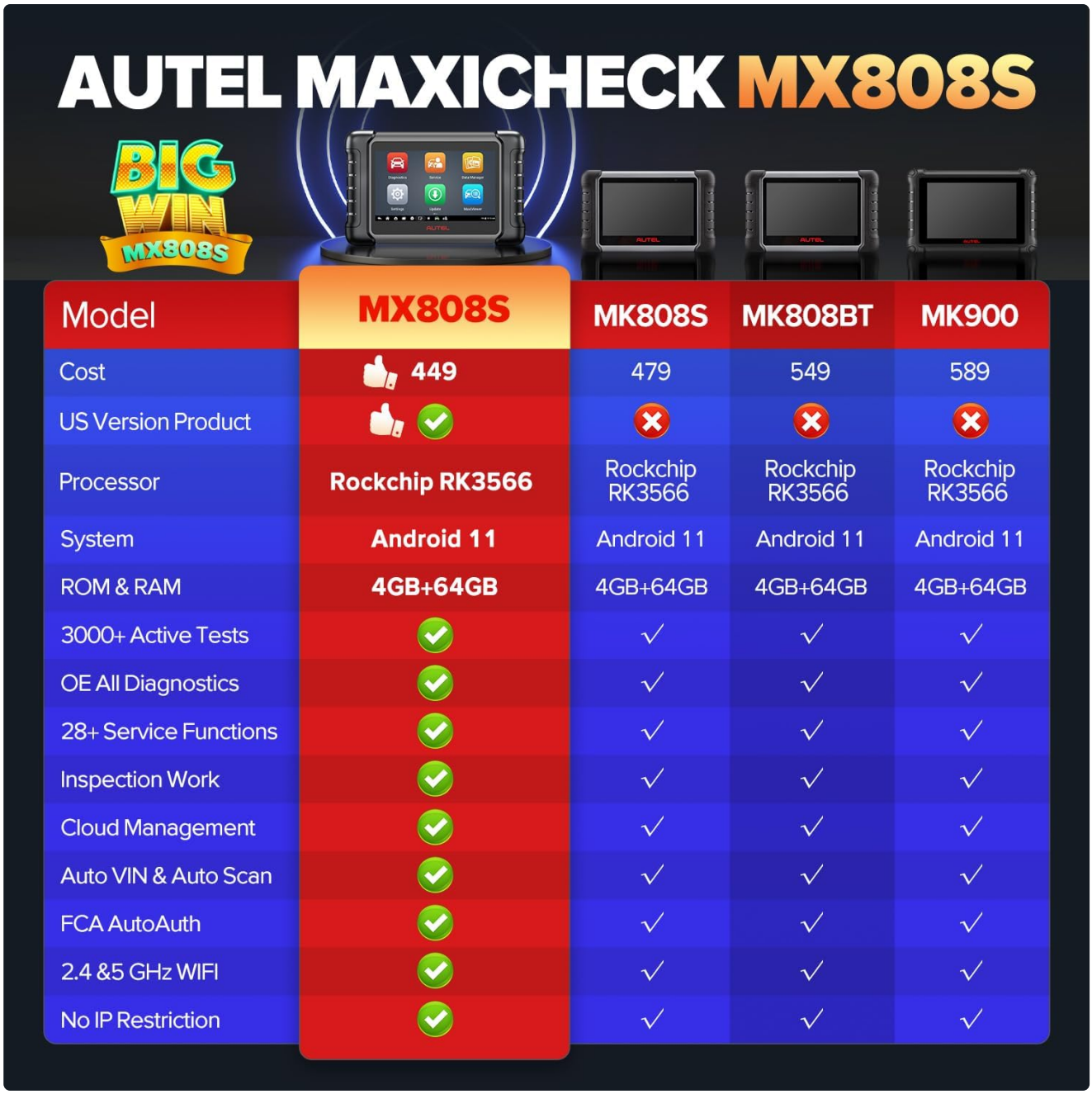


Figure 5.1: Comparison of MX808S specifications against other Autel models.

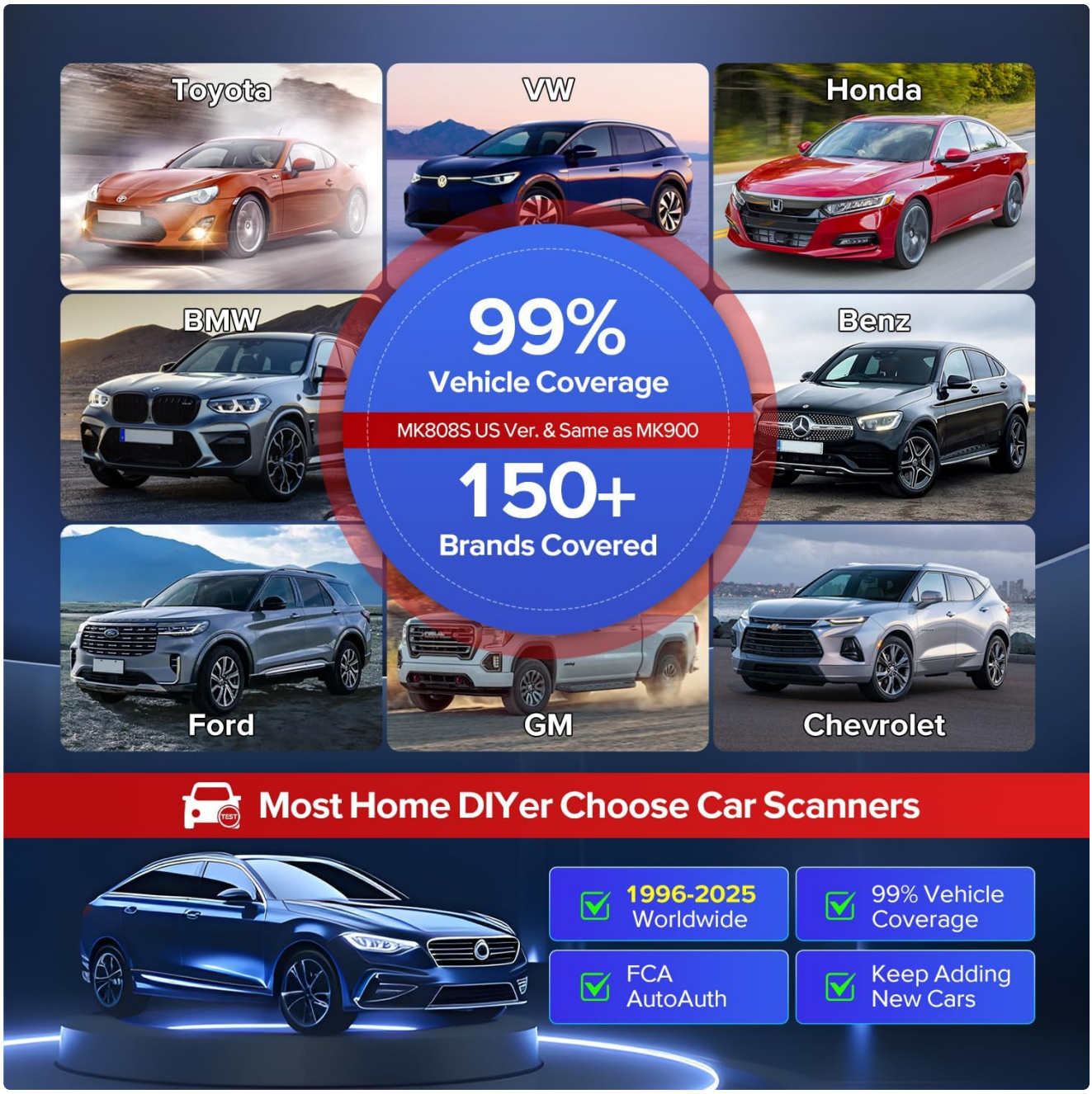


Figure 5.2: Extensive vehicle coverage for the MX808S across various regions.

6. What's in the Box

- MX808S Main Unit
- Main Cable
- Mini USB Cable
- Power Adapter
- Quick Guide
- Packing List
- Soft Cloth
- Carrying Case (380 x 300 x 120mm)

7. Warranty and Support

The Autel MaxiCheck MX808S comes with a 1-year free software update period and a 1-year warranty. After the initial year, software updates are available for a subscription fee.
For detailed support, you can refer to the official user manual (PDF) available online or contact Autel's customer support. Autel aims to provide a one-stop, cloud-based repair and diagnosis platform for all global users, backed by years of accumulated advanced diagnostic technology.
FCA AutoAuth requires an extra purchase directly from the FCA website.
For any questions or support, you can contact Autel via email at autelusa@outlook.com.

8. About Autel

Autel has been a trusted name in the automotive aftermarket since 2004, assisting both home mechanics and car repair shops with a wide variety of automotive questions. The company adheres to independent research & development and continuous innovation, forming its own unique core technology accumulation.
Autel's diagnostic scanners, ADAS equipment, and TPMS service tools are designed to provide cost-effective solutions for quick, accurate repairs, satisfying the demands of technicians and shops of any size.
Autel's Core Values:

- Customer-oriented Culture
- Insistent Innovation & Creativity
- 100+ R&D Engineers
- 100+ Intellectual Property Rights
- 50+ Intellectual Patents



Figure 8.1: Autel's commitment to innovation and customer satisfaction.

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