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KINGBOLEN KBLM07

KINGBOLEN Soloscan KBLM07 OBD2 Scanner Instruction Manual

For Land Rover and Jaguar Vehicles

1. INTRODUCTION

The KINGBOLEN Soloscan KBLM07 is a Bluetooth-enabled OBD2 diagnostic scanner designed specifically for Land Rover and Jaguar vehicles. It offers comprehensive full system diagnostics, a wide range of reset services, and powerful active test capabilities. This device connects to your smartphone (iOS or Android) via Bluetooth, providing a convenient and efficient diagnostic experience. It features lifetime updates without subscription fees and supports 22 languages.



Image: Overview of the KINGBOLEN Soloscan KBLM07, highlighting its key features such as full system diagnostic, 4-in-1 data stream, AutoVIN & Scan, full OBD2 modes, no IP restrictions, 22 languages, Android 5.0 & iOS 9.0 compatibility, and Bluetooth 5.2.

2. SETUP GUIDE

Follow these steps to set up your KINGBOLEN Soloscan KBLM07 device:

- 1. Download the Eddiag App:** Search for "Eddiag" on the Apple App Store (for iOS devices) or Google Play Store (for Android devices) and install the application.
- 2. Register and Log In:** Open the Eddiag app and create a new account or log in if you already have

one.

3. **Activate Device:** Enter the Serial Number (SN) and Activation Code provided with your Soloscan device into the app to activate it.
4. **Connect to Vehicle:** Locate your vehicle's OBD-II port, typically found under the dashboard on the driver's side. Plug the KINGBOLEN Soloscan KBLM07 device firmly into the OBD-II port.
5. **Start the Car:** Turn on your vehicle's ignition to power the OBD2 scanner.
6. **Bluetooth Connection:** Within the Ediag app, follow the prompts to connect to the Soloscan device via Bluetooth. Ensure your phone's Bluetooth is enabled.



Image: Visual representation of the connection process, showing app download, login, activation, plugging into OBD port, starting the car, and Bluetooth connection.

3. OPERATING INSTRUCTIONS

3.1 Full System Diagnostics

The Soloscan KBLM07 provides in-depth diagnostics for all available electronic control units (ECUs) in your Land Rover or Jaguar. This includes reading and clearing diagnostic trouble codes (DTCs), viewing live data streams, and performing smog tests.

- **Read Codes:** Retrieve current, pending, and historic DTCs from various vehicle systems (Engine, Transmission, ABS, Airbag, TPMS, etc.).
- **Clear Codes:** Erase DTCs from the vehicle's memory after repairs have been made, turning off warning lights.
- **Live Data Stream:** View real-time parameters from the vehicle's sensors and ECUs in text or graph format.
- **Smog Test:** Check the readiness status of emission-related monitors.

IN-DEPTH **FULL SYSTEM** DIAGNOSIS



Image: The app interface displaying a full system diagnosis, indicating various vehicle modules and their status.

3.2 Full OBD2 Modes

The device supports all 10 OBD2 test modes for vehicles manufactured after 1996, ensuring comprehensive engine-related diagnostics.

- **Read Codes:** Retrieve generic and manufacturer-specific diagnostic trouble codes.
- **Clear Codes:** Clear diagnostic trouble codes and reset the Check Engine Light.
- **I/M Readiness:** Check the readiness of the emission monitoring system.
- **Live Data Stream:** Display real-time data from the engine sensors.
- **Freeze Frame Data:** View a snapshot of vehicle conditions when an emission-related fault occurred.
- **O2 Sensor Test:** Retrieve O2 sensor monitoring test results.
- **On-Board Monitor Test:** Retrieve results for emission-related powertrain components and systems.
- **EVAP System Test:** Initiate a test of the evaporative emission control system.
- **Vehicle Information:** Retrieve vehicle identification number (VIN), calibration ID, and calibration verification number (CVN).
- **DTC Lookup:** Access a database to understand the meaning of diagnostic trouble codes.

FULL OBD2 MODES FOR ALL CAR BRANDS AFTER 1996



Image: The app interface showing the various full OBD2 diagnostic functions available.

3.3 Bidirectional Control (Active Test)

This function allows you to send commands to the vehicle's ECUs to perform specific tests and functions, aiding in efficient troubleshooting.

- **Modulate the Throttle:** Test throttle body operation.
- **Fuel Pump & Valve Tests:** Activate and test fuel system components.
- **Turn On/Off Wipers:** Test wiper motor functionality.
- **Turn On/Off Lights:** Test exterior and interior lighting systems.
- **Door Lock Test:** Verify central locking system operation.
- And many more component tests.

BIDIRECTIONAL CONTROL/ACTIVE TEST

Improve The Efficiency Of Troubleshooting And Save Time



Image: An illustration of the bidirectional control feature, demonstrating the ability to send commands and receive feedback from vehicle components.

3.4 Maintenance Services

The Soloscan KBLM07 supports a wide array of common maintenance and reset functions for Land Rover and Jaguar vehicles.

- **Oil Reset:** Reset the oil life reminder after an oil change.
- **TPMS Reset:** Reset tire pressure monitoring system sensors.
- **EPB Reset:** Reset the electronic parking brake after brake pad replacement.
- **Gear Reset:** Perform gear learning after component replacement.
- **Injector Coding:** Code new injector numbers into the ECU.
- **ABS Bleeding:** Perform ABS brake bleeding procedures.
- **BMS Reset:** Register a new battery with the vehicle's battery management system.
- **Throttle Calibration:** Relearn throttle body position.
- **Seat Calibration:** Calibrate seat memory functions.
- **Sunroof Initialization:** Initialize the sunroof system.
- **Elec. Throttle Relearn:** Relearn electronic throttle valve settings.
- **Stop/Start Reset:** Reset the engine start/stop system.

- **Break Reset:** Reset brake system parameters.
- **SUS Reset:** Reset suspension system parameters.
- **SAS Reset:** Calibrate the steering angle sensor.
- **Crank Relearn:** Perform crankshaft position sensor adaptive learning.
- **AFS Reset:** Reset adaptive front lighting system.
- **TCM Reset:** Reset transmission control module adaptations.

ALL MAINTENANCE SERVICE BEST BANG FOR YOUR BUCKS

Oil Reset	TPMS Reset	EPB Reset	Gear Reset
Injector Coding	ABS Bleeding	BMS Reset	Throttle Calibration

Seat Calibration	SUNROOF Initialization	Elec.Throttle Relearn	Stop/Start Reset
Break Reset	SUS Rest	SAS Reset	Crank Relearn
AFS Reset	TCM Reset	More...	

Soloscan
Diagnostic Tool

Image: A visual display of the extensive list of maintenance and reset services supported by the device.

3.5 Vehicle Compatibility

The KINGBOLEN Soloscan KBLM07 is designed for specific Land Rover and Jaguar models:

- **For Land Rover:** Range Rover, Range Rover Velar, Range Rover Sport, Range Rover Evoque, Range Rover Evoque II, Defender, Freelander, Discovery Sport, Discovery.
- **For Jaguar:** XE, XF, XJ, XK, E-Pace, F-Pace, S-Type, F-Type, I-Pace, X-Type.

BLUETOOTH OBD2 CODE READER FOR **LAND ROVER JAGUAR**

Faster and Smarter Diagnosis for JLR

01 For Land Rover

Range Rover	Defender
Range Rover Velar	Freelander
Range Rover Sport	Discovery Sport
Range Rover Evoque	Discovery
Range Rover Evoque II	

02 For Jaguar

XE	XF	XJ	XK
E-Pace	F--Pace	S-Type	
F-Type	I--Pace	X-Type	

22+ LANGUAGES

English Spanish Polish German Russian French Korean Portuguese

Image: A detailed list of Land Rover and Jaguar models compatible with the Soloscan KBLM07.

3.6 Language Support

The device and its accompanying app support 22 global languages, ensuring accessibility for a wide range of users.

4. MAINTENANCE

The KINGBOLEN Soloscan KBLM07 offers lifetime software updates without any subscription fees. Regularly check the Eddiag app for available updates to ensure your device has the latest vehicle coverage and diagnostic functions. Updates are typically performed directly through the app when connected to the internet.



Image: Information regarding lifetime updates for the Soloscan JLR, emphasizing no additional costs.

5. TROUBLESHOOTING

- **Device Not Connecting:** Ensure the device is firmly plugged into the OBD-II port, the vehicle's ignition is on, and your phone's Bluetooth is enabled. Restart the app and try reconnecting.
- **App Crashing/Freezing:** Ensure your smartphone meets the minimum operating system requirements (Android 5.0 or above, iOS 9.0 or above). Clear the app's cache or reinstall the app if issues persist.
- **Warning Lights On:** Use the "Read Codes" function to identify the Diagnostic Trouble Codes (DTCs). Refer to the app's DTC Lookup feature or an online resource for code definitions. After addressing the underlying issue, use the "Clear Codes" function to turn off the warning light.
- **Inaccurate Readings:** Ensure the device's software is up to date. Verify the vehicle's VIN is correctly identified by the scanner.

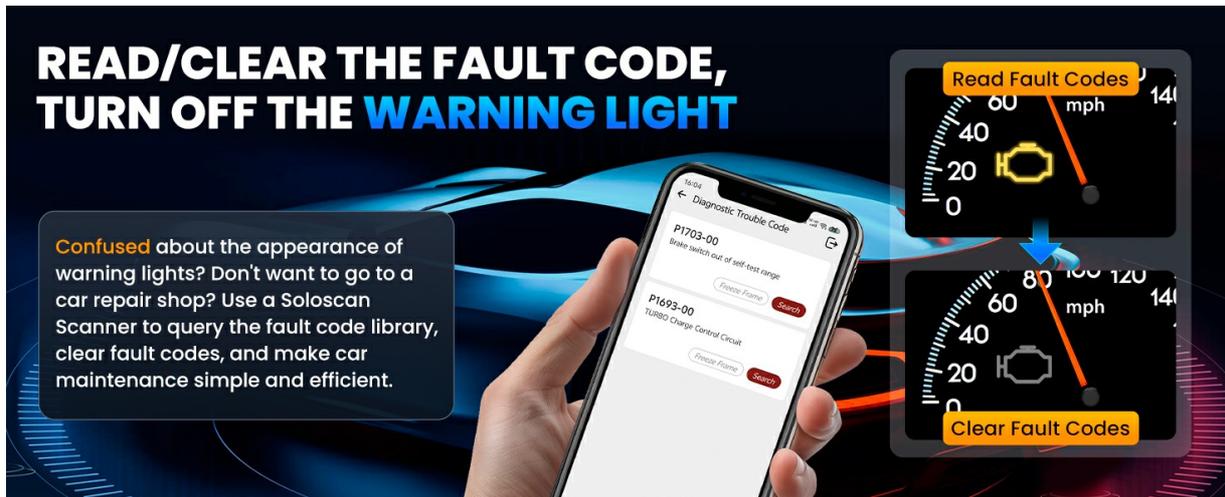


Image: The app displaying fault codes and the process of clearing warning lights, illustrating how the scanner assists in troubleshooting.

6. SPECIFICATIONS

Feature	Specification
Model	SOLOSCAN for JLR (KBLM07)

Connectivity	Bluetooth 5.2
Operating System Compatibility	Android 5.0 or above, iOS 9.0 or above
Dimensions	14.09 x 3.12 x 1.57 inches
Item Weight	5.6 ounces
Power Source	Vehicle Battery Powered
Supported Languages	22 Languages
Updates	Lifetime Free Updates

7. WARRANTY INFORMATION

Specific warranty details for the KINGBOLEN Soloscan KBLM07 are not provided in the product information. Please refer to the product packaging or contact KINGBOLEN customer support for warranty terms and conditions.

8. SUPPORT

For technical assistance, troubleshooting, or further inquiries regarding your KINGBOLEN Soloscan KBLM07, please visit the official KINGBOLEN website or contact their customer support channels. Contact information is typically available on the product packaging or within the Eddiag application.