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THINKSCAN Plus S7 and THINKDIAG MINI OBD2 Scanner Bluetooth User Manual

Model: THINKSCAN Plus S7 +THINKDIAG MINI

1. INTRODUCTION

This manual provides detailed instructions for the proper use and maintenance of your thinkcar THINKSCAN Plus S7 and THINKDIAG MINI OBD2 Scanner Bluetooth devices. Please read this manual thoroughly before operating the devices to ensure correct usage and to prevent damage.

2. PRODUCT OVERVIEW

The THINKSCAN Plus S7 and THINKDIAG MINI are advanced diagnostic tools designed to help you understand and troubleshoot your vehicle's systems. They offer comprehensive OBD-II functions and full system diagnoses for a wide range of car makes and models.

CONFIGURATION & REQUIREMENTS

Android 5.1 or iOS 9.0 and above

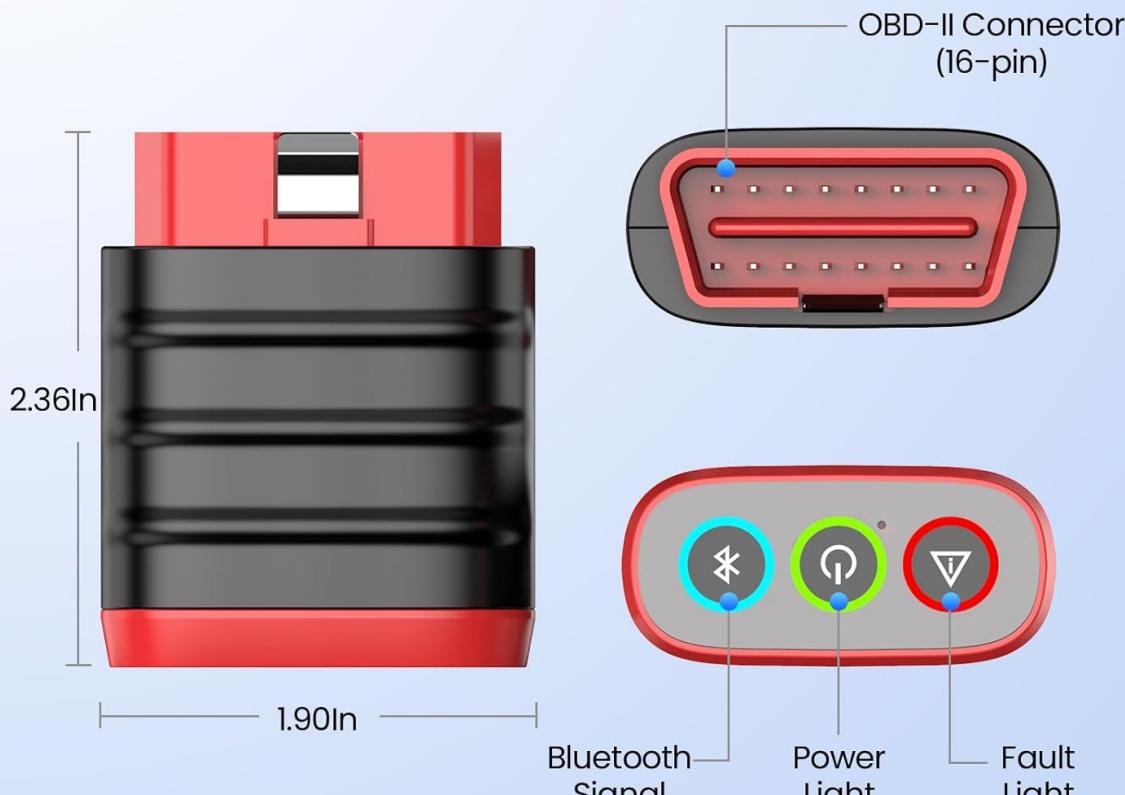


Image 2.1: THINKDIAG MINI Device Configuration. This image displays the physical dimensions of the THINKDIAG MINI (2.36in x 1.90in) and highlights its components: the 16-pin OBD-II connector, Bluetooth signal light, Power light, and Fault light.

3. SETUP

3.1. System Requirements

- Android 5.1 or iOS 9.0 and above.
- Stable internet connection for app download and updates.

3.2. App Installation

1. Search for the 'ThinkDiag' or 'ThinkScan' app on the Google Play Store (for Android) or Apple App Store (for iOS).
2. Download and install the application on your smartphone or tablet.
3. Register an account and log in to the application.

**COVER
120+
CAR MAKES**

Work for All OBD-II
& EOBD Car After 1996



**AND
100,000+
VEHICLES MODELS**



NOTE: Use and update without any cost

**11+
LANGUAGES**



Image 3.1: App Download Options. This image illustrates the availability of the companion application on both Google Play Store and Apple App Store for easy download.

3.3. Connecting to Your Vehicle

1. Locate your vehicle's OBD-II port. This is typically found under the dashboard on the driver's side.
2. Plug the THINKDIAG MINI device firmly into the OBD-II port. The device's power light should illuminate.
3. Turn on your vehicle's ignition (do not start the engine unless instructed by a specific diagnostic procedure).

3.4. Bluetooth Pairing

1. Open the installed diagnostic application on your smartphone or tablet.
2. The app will automatically search for available Bluetooth devices. Select your THINKDIAG MINI from the list.
3. Follow any on-screen prompts to complete the pairing process. The Bluetooth signal light on the device should indicate a successful connection.

4. OPERATING INSTRUCTIONS

4.1. Full System Diagnoses (THINKSCAN Plus S7)

The THINKSCAN Plus S7 offers comprehensive diagnostic capabilities across various vehicle systems. The specific functions available may vary depending on the vehicle model.

- **Engine System:** Read and clear engine fault codes, view live data.
- **ABS (Anti-lock Braking System):** Diagnose ABS issues.
- **SRS (Supplemental Restraint System):** Check airbag system status.
- **ECM (Engine Control Module):** Comprehensive engine management diagnostics.
- **TCM (Transmission Control Module):** Diagnose transmission related issues.
- **BCM (Body Control Module):** Diagnostics for body electronics.
- **AC (Air Conditioning):** Diagnose climate control systems.
- **IC (Instrument Cluster):** Diagnostics for dashboard instruments.
- Other systems include: BMS, AWD, Electric Window, Multimedia, Cruise Control, EPB, Keyless Start Module, DPF, Automatic, Parking Sensor, TPMS, Lamp Control, Door Lock System, Alarm System, Navigation.

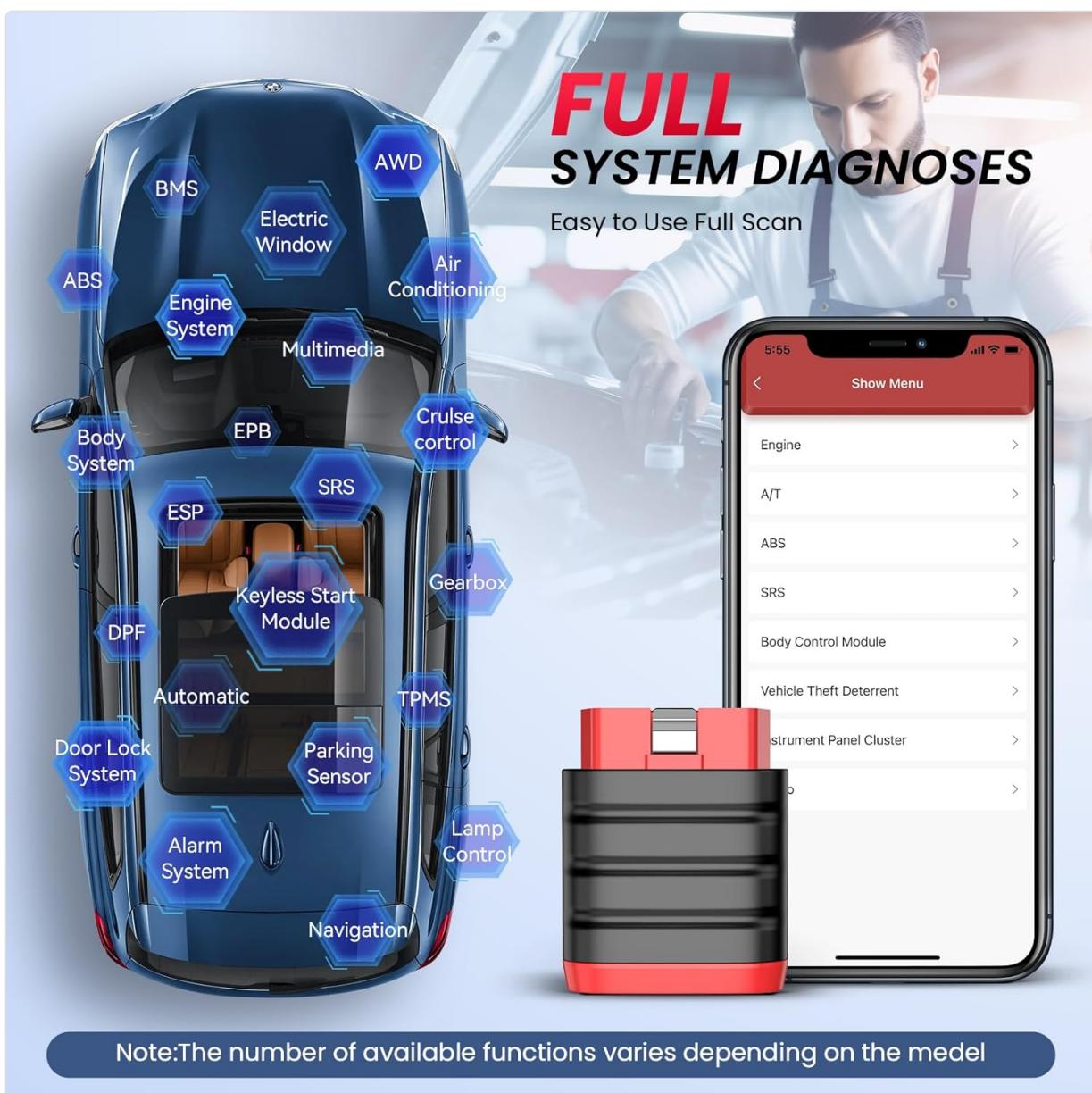


Image 4.1: Full System Diagnoses Overview. This diagram illustrates the extensive range of vehicle systems that can be diagnosed by the THINKSCAN Plus S7, including Engine, ABS, SRS, BCM, and more. A smartphone screen on the right shows the menu for selecting diagnostic functions.

4.2. Full OBD-II Functions (THINKDIAG MINI)

The THINKDIAG MINI provides essential OBD-II functions for quick and efficient problem identification.

- **Read Codes:** Retrieve Diagnostic Trouble Codes (DTCs) from the vehicle's computer.
- **Erase Codes:** Clear DTCs after repairs have been made.
- **On-Board Monitor Test:** View results of on-board diagnostic monitoring tests.
- **Live Data:** Display real-time data streams from the vehicle's sensors.
- **I/M Readiness:** Check the status of emission-related monitoring systems.
- **Freeze Frame:** View a snapshot of vehicle operating conditions when an emission-related fault occurred.
- **VIN Information:** Retrieve Vehicle Identification Number and other vehicle information.
- **O2 Monitor Test:** Retrieve O2 sensor monitor test results.
- **EVAP Monitor Test:** Perform EVAP system leak test.
- **DTCs Look-up:** Access a database to understand the meaning of DTCs.



Image 4.2: Full OBD-II Functions. This image shows a smartphone interface displaying the various OBD-II functions available, including reading and erasing codes, viewing live data, and I/M readiness checks.

4.3. Special Services (THINKSCAN Plus S7)

The THINKSCAN Plus S7 includes 5 special service functions for common maintenance tasks. Refer to the in-app documentation for specific procedures and vehicle compatibility.

4.4. THINKDIAG MINI Intelligent Wireless Diagnostics

The THINKDIAG MINI provides intelligent wireless diagnostics through its dedicated application, offering features such as diagnostic reports, 4-in-1 live data display, VIN auto scan, and one-click updates.



Image 4.3: THINKDIAG MINI App Features. This image displays multiple smartphone screenshots showcasing the THINKDIAG MINI's app capabilities, including a detailed diagnostic report, 4-in-1 live data graphs, VIN auto scan, and one-click free updates.

4.5. Language Support

The devices and their accompanying applications support over 11 languages, making them accessible to a global user base. To change the language, navigate to the settings menu within the application.

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LANGUAGES SUPPORTED

Compatible with all after 1996 supporting OBD II protocol



English



French



German



Italian



Spanish



Portuguese



Japanese



Russian



Korean



Chinese



Turkey

Image 4.4: Supported Languages. This image shows a user holding the diagnostic device, with flags representing the 11+ supported languages, including English, French, German, Italian, Spanish, Portuguese, Japanese, Russian, Korean, Chinese, and Turkish.

5. MAINTENANCE

- Cleaning:** Wipe the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- Software Updates:** Regularly check the application for software updates to ensure optimal performance and access to the latest vehicle data and features. Updates are typically free and can be performed with a single click within the app.

6. TROUBLESHOOTING

- Device Not Powering On:** Ensure the device is securely plugged into the vehicle's OBD-II port and the vehicle's ignition is on. Check the vehicle's fuse for the OBD-II port if necessary.
- Bluetooth Connection Issues:** Ensure Bluetooth is enabled on your smartphone/tablet. Try restarting both the device and the application. Ensure no other devices are interfering with the Bluetooth signal.

- **App Not Responding:** Close and restart the application. If the issue persists, try reinstalling the app.
- **Unable to Read Codes:** Verify that the vehicle is OBD-II compliant (most vehicles manufactured after 1996 are). Ensure a stable connection between the device and the vehicle.
- **Inaccurate Readings:** Ensure the vehicle's VIN is correctly identified by the scanner. Perform a software update to ensure the latest vehicle protocols are supported.

7. SPECIFICATIONS

Feature	Specification
Model	THINKSCAN Plus S7 +THINKDIAG MINI
Operating System Compatibility	Android 5.1 or iOS 9.0 and above
Connectivity	Bluetooth
OBD-II Connector	16-pin
Supported Protocols	All OBD-II & EOBD Car Protocols (after 1996)
Supported Languages	11+ (English, Spanish, French, German, Italian, Japanese, Russian, Portuguese, Polish, Chinese, Turkish, Korean)
Dimensions (THINKDIAG MINI)	Approximately 2.36in x 1.90in

8. WARRANTY INFORMATION

thinkcar products typically come with a limited warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official thinkcar website. Keep your purchase receipt as proof of purchase for warranty claims.

9. SUPPORT

For technical assistance, product inquiries, or support, please contact thinkcar customer service through their official website or the support section within the diagnostic application. You can also visit the [thinkcar Store on Amazon](#) for additional resources.