

THINKCAR ThinkDiag Mini

THINKCAR ThinkDiag Mini OBD2 Scanner Bluetooth User Manual

Model: ThinkDiag Mini

1. INTRODUCTION

The THINKCAR ThinkDiag Mini is a compact and versatile On-Board Diagnostics (OBD2) scanner designed for vehicle owners and technicians. It connects wirelessly via Bluetooth to a smartphone or tablet, providing comprehensive diagnostic capabilities for various vehicle systems. This manual provides instructions for setting up, operating, and maintaining your ThinkDiag Mini device.

2. PRODUCT OVERVIEW

The ThinkDiag Mini device is a small, portable unit that plugs directly into your vehicle's OBD2 port. It communicates with your smartphone or tablet via Bluetooth, allowing access to vehicle diagnostic information through the dedicated THINKCAR application.

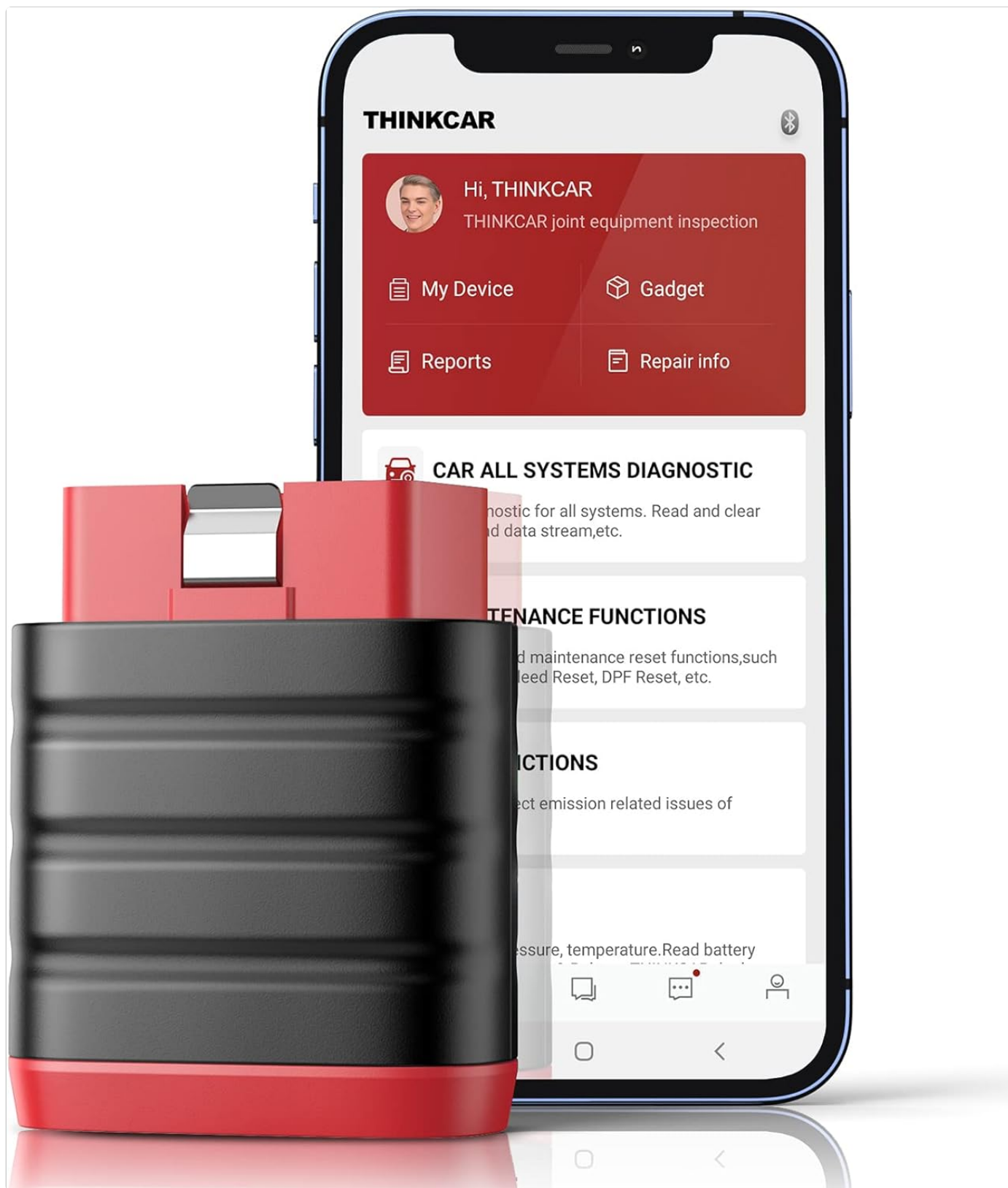


Figure 2.1: THINKCAR ThinkDiag Mini device and companion app interface.

The device is designed to perform full system diagnoses, covering various electronic control units (ECUs) within the vehicle. This includes, but is not limited to, the engine, transmission, ABS, SRS, and other critical systems. It supports over 120 car makes and 100,000+ vehicle models, working for all OBD-II and EOBD cars after 1996. The app also supports 11+ languages.

FULL **SYSTEM DIAGNOSES**

Easy to Use Full Scan

Note: The number of available functions varies depending on the model

Figure 2.2: Full System Diagnoses Overview.

The ThinkDiag Mini supports standard OBD-II functions, enabling users to read and clear trouble codes, view live data streams, perform I/M readiness tests, and access other essential diagnostic information. The device operates with a free app, includes unlimited OEM data, and has no in-app purchases or subscription fees.



Figure 2.3: OBD-II Functions Interface.

3. SETUP INSTRUCTIONS

3.1. Device Installation

1. Locate the OBD2 port in your vehicle. This port is typically found under the dashboard on the driver's side.
2. Plug the ThinkDiag Mini device firmly into the OBD2 port. Ensure a secure connection.
3. Once connected, the device's power indicator light should illuminate.

3.2. App Installation and Pairing

1. Download the official THINKCAR app from the Google Play Store (for Android devices) or the Apple App Store (for iOS devices).
2. Open the app and register for an account if you are a new user.
3. Turn on your vehicle's ignition (engine off).

4. Enable Bluetooth on your smartphone or tablet.
5. Within the THINKCAR app, follow the prompts to search for and pair with your ThinkDiag Mini device. The device's serial number (SN) is located on the unit itself and may be required for activation. An activation code might also be provided in the instruction booklet.
6. Once paired, the Bluetooth signal light on the device should indicate a successful connection.

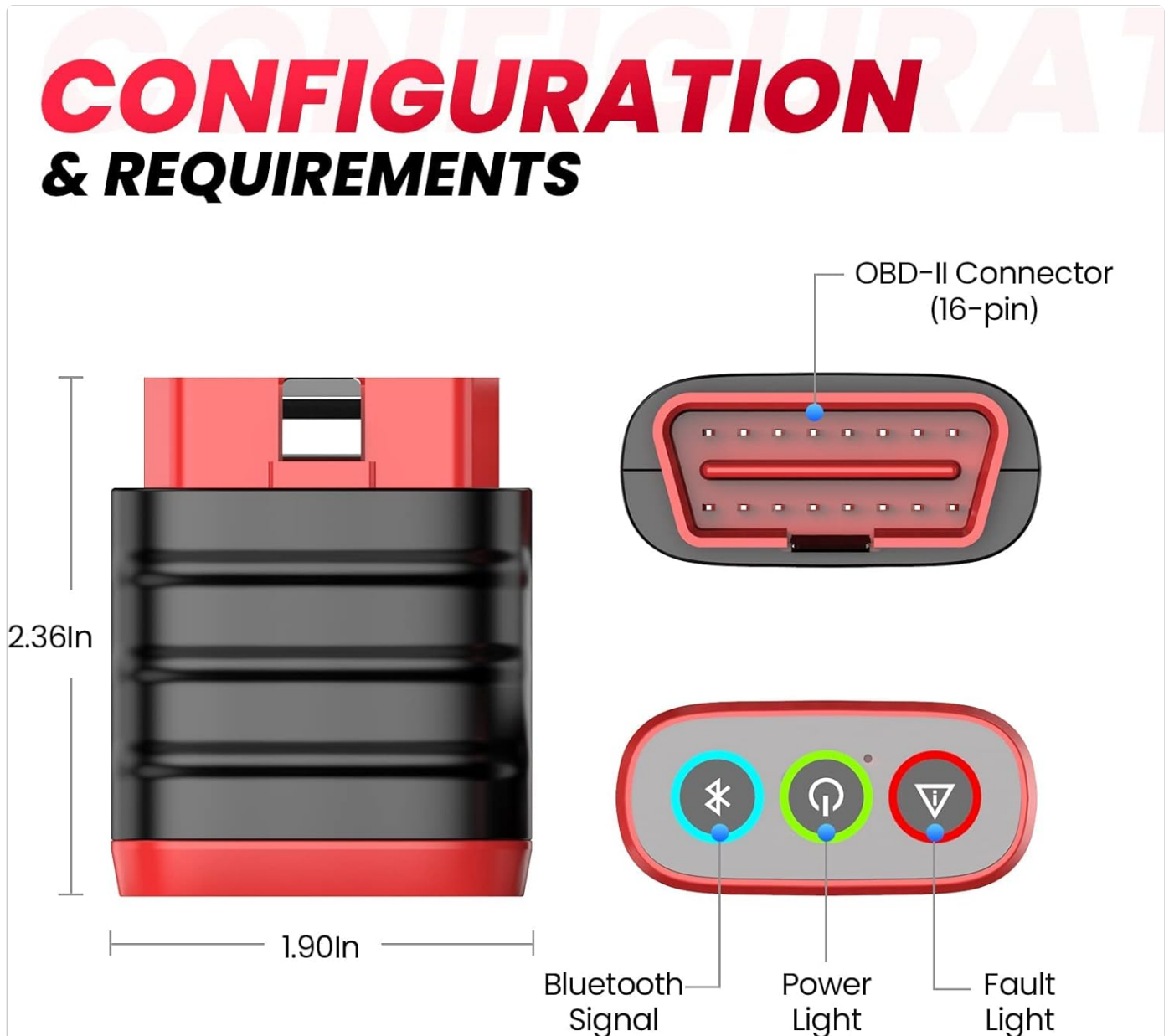


Figure 3.1: ThinkDiag Mini Configuration and Indicators.

4. OPERATING INSTRUCTIONS

4.1. Performing a Full System Diagnostic Scan

1. Ensure the ThinkDiag Mini is connected to the vehicle's OBD2 port and paired with your smartphone/tablet.
2. Open the THINKCAR app.
3. Navigate to the "Car All Systems Diagnostic" section.
4. Initiate a full system scan. The app will communicate with all accessible ECUs to retrieve diagnostic trouble codes (DTCs) and live data.
5. Review the diagnostic report generated by the app. This report will detail any detected issues and their corresponding codes.

4.2. Using OBD-II Functions

The app provides access to standard OBD-II functions:

- **Read Trouble Codes:** Displays current, pending, and permanent diagnostic trouble codes.
- **Clear Trouble Codes:** Erases DTCs from the vehicle's computer. This will turn off the Check Engine Light (MIL).
- **Read Data Stream:** Shows real-time data from various sensors and components (e.g., engine RPM, vehicle speed, oxygen sensor readings).
- **I/M Readiness:** Checks the status of emission-related monitoring systems.
- **Freeze Frame Data:** Records vehicle operating conditions at the moment a DTC was set.
- **O2 Monitor Test:** Retrieves oxygen sensor monitor test results.
- **EVAP Monitor Test:** Retrieves evaporative system monitor test results.
- **VIN Information:** Displays vehicle identification number and other vehicle information.

THINKDIAG MINI
WITH INTELLIGENT WIRELESS DIAGNOSTICS

Diagnostic Report

4-IN-1 Live Data (Model 6)

ThinkMoments

VIN
ADBI231202130133000

Auto VIN Scan

One-Click Free Update

Online Feedback

Figure 4.1: Intelligent Wireless Diagnostics Features.

4.3. Data Monitoring and Reporting

The ThinkDiag Mini allows for real-time monitoring of vehicle data. This data can be displayed in various formats, including graphs, to help diagnose intermittent issues or verify repairs. Diagnostic reports can be generated and saved, often in PDF format, for record-keeping or sharing.

5. MAINTENANCE

- Keep the device clean and free from dust and moisture. Use a soft, dry cloth for cleaning.
- Store the device in a cool, dry place when not in use.
- Ensure the app is regularly updated to access the latest features and vehicle compatibility. The device supports one-click free updates.

6. TROUBLESHOOTING

Issue	Possible Cause	Solution
Device does not power on.	Improper connection to OBD2 port; vehicle ignition off.	Ensure the device is firmly plugged into the OBD2 port. Turn the vehicle ignition to the ON position (engine off).
Cannot pair with smartphone via Bluetooth.	Bluetooth not enabled; app pairing issue; incorrect device selection.	Verify Bluetooth is enabled on your phone. Restart the app and try pairing again. Ensure you select the correct ThinkDiag Mini device from the list.
App displays "No communication" or fails to diagnose.	Loose connection; vehicle not OBD2 compliant; app software issue.	Check the device connection. Ensure your vehicle is OBD2 compliant (most vehicles 1996 and newer). Update the app to the latest version. Restart the vehicle and the app.
Difficulty with app installation or navigation.	App store issues; user unfamiliarity.	Ensure stable internet connection for download. Refer to the in-app tutorials or online resources for navigation assistance.

7. SPECIFICATIONS

- **Brand:** THINKCAR
- **Model:** ThinkDiag Mini
- **Item Weight:** 3.52 ounces
- **Package Dimensions:** 6.97 x 5.43 x 1.61 inches
- **Power Source:** Battery Powered (via OBD2 port)
- **Operating System Compatibility:** Android, iOS
- **Connectivity:** Bluetooth
- **UPC:** 768297282423
- **Date First Available:** February 3, 2023

8. SUPPORT AND WARRANTY

For technical assistance, software updates, or warranty information, please refer to the official THINKCAR website or contact their customer support directly. Ensure you have your device's serial number and purchase details available when seeking support.

The THINKCAR app provides a "ThinkMoments" section and online feedback options for user assistance and community interaction.

