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› **THINKCAR THINKSCAN Plus 689BT and THINKDIAG MINI Bluetooth OBD2 Scanner User Manual**

thinkcar THINKSCAN Plus 689BT, THINKDIAG MINI

THINKCAR THINKSCAN Plus 689BT and THINKDIAG MINI Bluetooth OBD2 Scanner User Manual

Models: THINKSCAN Plus 689BT, THINKDIAG MINI

1. PRODUCT OVERVIEW

The THINKCAR THINKSCAN Plus 689BT and THINKDIAG MINI Bluetooth OBD2 Scanner are advanced diagnostic tools designed for comprehensive vehicle analysis. The THINKSCAN Plus 689BT offers all-system bidirectional control with ECU coding and over 34 service functions, while the THINKDIAG MINI provides Bluetooth OBD2 scanning capabilities for iOS and Android devices. Both devices feature lifetime free updates, ensuring access to the latest vehicle diagnostic software.



Image: The THINKSCAN Plus 689BT tablet and the THINKDIAG MINI Bluetooth dongle, along with their respective app interfaces.

Key Features:

- THINKSCAN 689BT: All-System Bi-Directional OBD2 Scanner with ECU Coding, 34+ Services, FCA Autoauth, CANFD & DoIP.
- THINKDIAG MINI: Bluetooth OBD2 Scanner for iOS & Android.
- Lifetime Free Updates for both devices.
- Supports over 120 car makes and 100,000+ vehicle models.
- Multi-language support (11+ languages).
- No hidden fees, in-app purchases, or subscription fees for the THINKDIAG MINI.

Specifications:

Attribute	Value
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Brand	thinkcar
Model (THINKSCAN Plus 689BT)	THINKSCAN Plus 689BT
Model (THINKDIAG MINI)	THINKDIAG MINI
ASIN	B0DK36WMKC
First Available Date	October 15, 2024

**COVER
120+
CAR MAKES**

Work for All OBD-II
& EOBD Car After 1996





**AND
100,000+
VEHICLES MODELS**



Google Play



APP Store

NOTE: Use and update without any cost

11+
LANGUAGES



English



Spanish



French



German



Italian



Japanese



Russian



Portuguese



Polish



Chinese



Turkish

Image: The THINKCAR scanners support over 120 car makes, 100,000+ vehicle models, and 11+ languages.



Image: The THINKDIAG MINI offers free app usage, unlimited OEM data, no in-app purchases, and no subscription fees.

2. SETUP

2.1 THINKSCAN Plus 689BT Setup

- Connect to Vehicle:** Locate your vehicle's OBD-II port (typically under the dashboard on the driver's side). Plug the THINKSCAN Plus 689BT's diagnostic cable firmly into the port.
- Turn Ignition ON:** Turn the vehicle's ignition to the 'ON' position. The device will power on automatically.
- Initial Device Setup:** Follow the on-screen prompts to connect the device to a stable Wi-Fi network. Register your device with THINKCAR.
- Download Diagnostic Software:** Navigate to the 'Upgrade' section on the main menu. Download the necessary diagnostic software for your vehicle makes. The device comes with lifetime free updates.

2.2 THINKDIAG MINI Setup

CONFIGURATION & REQUIREMENTS

Android 5.1 or iOS 9.0 and above



Image: Configuration and requirements for the THINKDIAG MINI, showing its dimensions and the OBD-II 16-pin connector, Bluetooth signal, power light, and fault light indicators.

1. **Download ThinkDiag+ App:** Download and install the 'ThinkDiag+' app from the Google Play Store (for Android) or Apple App Store (for iOS).
2. **Bind and Activate Device:** Open the ThinkDiag+ app. Enter the device's serial number (found on the device or packaging) and the activation code to complete the binding process.
3. **Establish Bluetooth Connection:** The app will automatically search for and connect to your THINKDIAG MINI via Bluetooth. Ensure Bluetooth is enabled on your mobile device.
4. **Connect to Vehicle:** Plug the THINKDIAG MINI dongle firmly into your vehicle's OBD-II port.
5. **Turn Ignition ON:** Turn the vehicle's ignition to the 'ON' position. The dongle's indicator lights will confirm power and connection status.

3. OPERATING THE THINKSCAN PLUS 689BT

3.1 Main Menu Navigation

The main menu provides access to the device's core functions:

- **Diagnose:** For vehicle diagnostics and fault code reading.
- **Maintenance:** Access to special service functions.

- **Upgrade:** For software updates.
- **More:** Additional settings and features.

3.2 Diagnostic Functions

From the 'Diagnose' menu, you can perform various diagnostic tasks:

- **AutoSearch:** Automatically identifies the vehicle's brand, model, year, and other information, allowing quick access to the vehicle's system for diagnostics.
- **Full System Diagnostics:** Scans all available electronic control units (ECUs) in the vehicle to read and clear fault codes, view live data, and perform actuation tests.
- **Reading/Clearing Fault Codes:** Retrieves Diagnostic Trouble Codes (DTCs) from the vehicle's ECUs and allows you to clear them after repairs.
- **Reading Data Stream:** Displays real-time data parameters from the vehicle's sensors and modules. This data can be viewed in text, graph, or combined formats for detailed analysis.
- **Actuation Tests:** Allows you to actively test individual components (actuators) of the vehicle to verify their functionality.

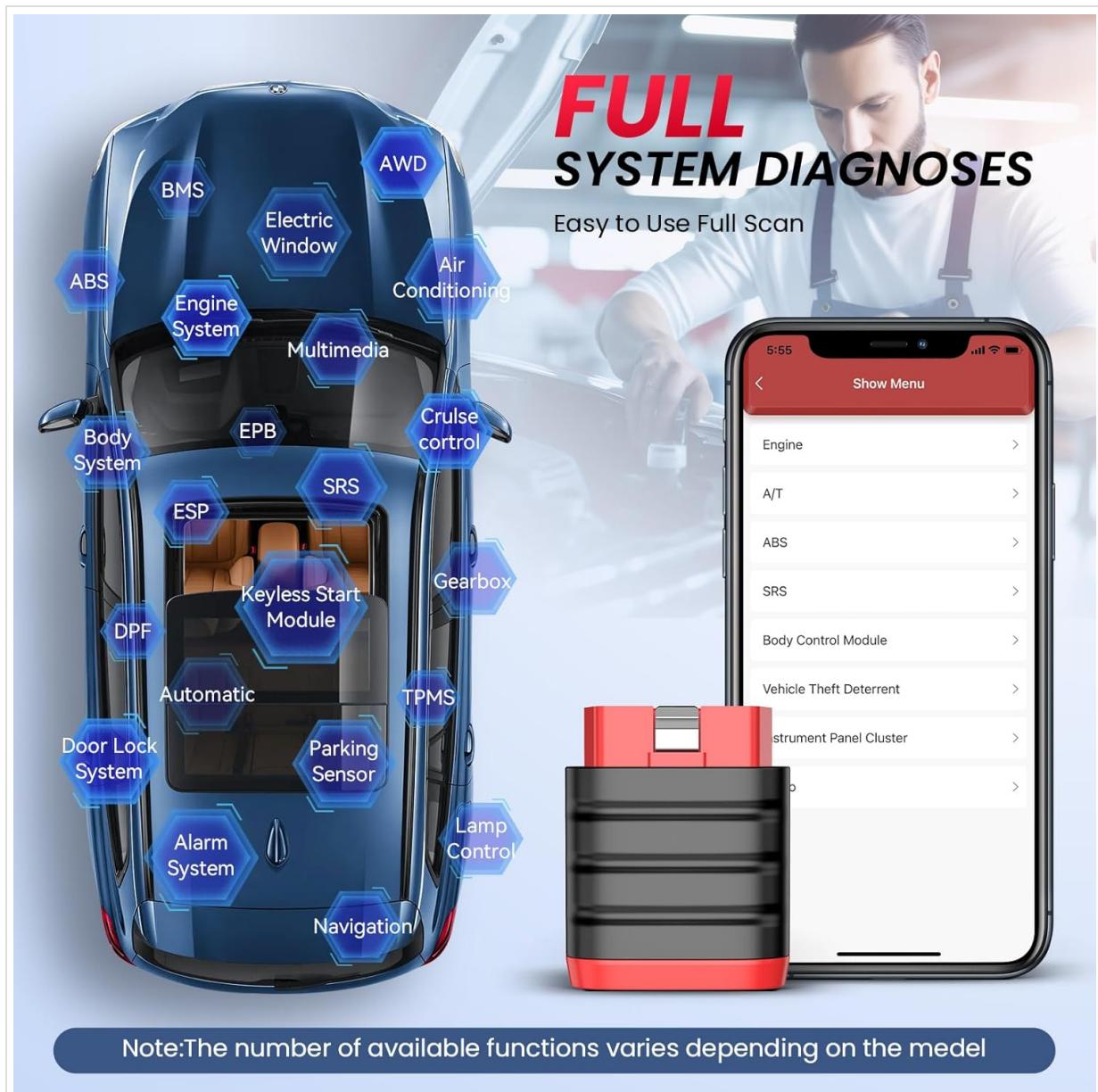


Image: The THINKCAR scanner performs full system diagnoses, covering various modules like Engine, ABS, SRS, EPB, BMS, and more. The number of available functions varies depending on the vehicle model.

5:56

Show Menu

Read trouble code

Clear trouble code

Read data stream

ECU information

FULL OBD-II FUNCTIONS

Quick Scan the Problems

Read Codes

Erase Codes

On-Board Monitor Test

Live Data

I/M readiness

Freeze Frame

VIN information

O2 Monitor Test

EVAP Monitor Test

DTCs Look-up

NOTE When the vehicle does not have this module, the menu may not have what you need.

Image: Full OBD-II functions include Read Codes, Erase Codes, On-Board Monitor Test, Live Data, I/M Readiness, Freeze Frame, VIN Information, O2 Monitor Test, EVAP Monitor Test, and DTCs Look-up.

3.3 Maintenance Functions (34+ Services)

The 'Maintenance' menu provides access to over 34 special reset and service functions, including but not limited to:

- Air/Fuel Ratio Reset
- ABS Bleeding
- AdBlue Reset
- Air Suspension Matching
- Airbag Reset
- Anti-theft/Key Matching
- Battery Matching
- Brake-pad Reset
- Clutch Matching
- DPF Regeneration
- Electronic Water Pump Starting
- Electronic Throttle Adaptation

- ECU Reset
- EGR Adaption
- FRM Matching
- Gateway Module Data Calibration
- Gear Learning
- Injector Coding
- Language Settings
- NOx Sensor Reset
- ODO Meter Reset
- Oil Reset
- Rainfall Light Sensor Settings
- Seat Calibration
- Steering Angle Reset
- Stop/Start Settings
- Sunroof Initialization
- TPMS Reset
- Transport Mode
- Turbocharging Matching
- Tyre Size Adjustment
- Windows Calibration

4. OPERATING THE THINKDIAG MINI



Image: The ThinkDiag Mini app features intelligent wireless diagnostics, including diagnostic reports, 4-in-1 live data, VIN auto scan, one-click free updates, and online feedback.

4.1 App Interface and Diagnostic Functions

The ThinkDiag+ app provides a user-friendly interface for the THINKDIAG MINI:

- **Health Report:** Performs a comprehensive scan of all vehicle systems to identify and report any existing DTCs.
- **System Scan:** Allows you to scan specific vehicle systems for faults.
- **System Selection:** Provides options to select and diagnose individual systems like Powertrain, Chassis, or Body.
- **Reading/Clearing Fault Codes:** Retrieves and clears DTCs from selected systems.
- **Reading Data Stream:** Displays live data parameters from various sensors and modules, often with graphing capabilities to visualize changes over time.
- **Actuation Tests:** Activates specific components to test their functionality.

4.2 Reports & History

- **Reports:** View and manage generated diagnostic reports. These reports can often be saved, printed, or shared.

- **History:** Access a record of past diagnostic sessions and reports.

4.3 Gadget Functions

The 'Gadget' section within the app offers additional tools:

- **THINKEASY:** A fast and accurate tool for car battery testing.
- **THINKTPMS:** Reads sensor ID, pressure, temperature, and battery level for TPMS.
- **Flashlight:** Utilizes your mobile device's flashlight for convenience.
- **THINKOBD 900:** Module for diagnostic reports via Bluetooth.
- **Repair Info:** Provides sensor ID, pressure, temperature, and battery level condition.

5. MAINTENANCE

- **Software Updates:** Both THINKSCAN Plus 689BT and THINKDIAG MINI offer lifetime free software updates. Regularly check the 'Upgrade' section on the THINKSCAN Plus 689BT or the 'One-Click Free Update' option in the ThinkDiag+ app to ensure your device has the latest diagnostic software and vehicle coverage.
- **Battery Charging:** The THINKSCAN Plus 689BT is powered by the vehicle's OBD-II port when connected. It also has a USB-C port for charging its internal battery. The THINKDIAG MINI is powered directly from the vehicle's OBD-II port.
- **Cleaning:** Keep the device and its connectors clean and free from dust or debris to ensure optimal performance and longevity.
- **Storage:** Store the device in its protective case when not in use to prevent damage.

6. TROUBLESHOOTING

If you encounter issues with your THINKCAR device, refer to the following common troubleshooting tips:

- **Device Not Powering On:** Ensure the device is correctly plugged into the vehicle's OBD-II port and the vehicle's ignition is in the 'ON' position. Check the vehicle's battery voltage.
- **Bluetooth Connection Issues (THINKDIAG MINI):** Ensure Bluetooth is enabled on your mobile device and the dongle. Try restarting the app or your mobile device.
- **Software Download/Update Failure:** Ensure a stable Wi-Fi connection. Check for sufficient storage space on the device.
- **Inaccurate Readings/Functions:** Verify that the correct diagnostic software for your vehicle make and model is installed and up-to-date.
- **Device Ready for Use (Indicator Lights):**
 - Green light is always on: Device is powered on, but not connected to the app.
 - Blue light flashes: Device is working.
 - Blue light is always on: Device has successfully connected to the app.
 - Red light is on: Device is updating the firmware or the update fails.
 - Light off: Device is in sleep mode.

7. WARRANTY AND SUPPORT

THINKCAR products typically come with a 12-month warranty against defects in materials and workmanship. Please refer to the official THINKCAR website or contact customer service for detailed warranty information.

Customer Support:

For technical support, product information, or any inquiries, please utilize the following resources:

- **Online Service (via device/app):** Access the 'Online Service' or 'Feedback' section within the device's interface or the ThinkDiag+ app to communicate directly with THINKCAR support staff. You can often transfer conversations to your mobile phone via QR code for convenience.
- **Official Website:** Visit the official THINKCAR website for FAQs, product manuals, and support contact information.
- **Email Support:** support@thinkcar.com