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› THINKCAR OBD2 Scanner User Manual

thinkcar THINKSCAN Plus S5 (Model TKPS5)

THINKCAR OBD2 Scanner User Manual

Model: THINKSCAN Plus S5 (TKPS5)

INTRODUCTION

The THINKCAR OBD2 Scanner is a professional diagnostic tool designed for passenger vehicles, offering comprehensive system diagnosis and maintenance functions. This manual provides detailed instructions on setting up, operating, maintaining, and troubleshooting your device to ensure optimal performance and accurate vehicle diagnostics.

What's in the Box

- 1* Thinkscan Plus Scan Tool

SETUP

Initial Device Setup

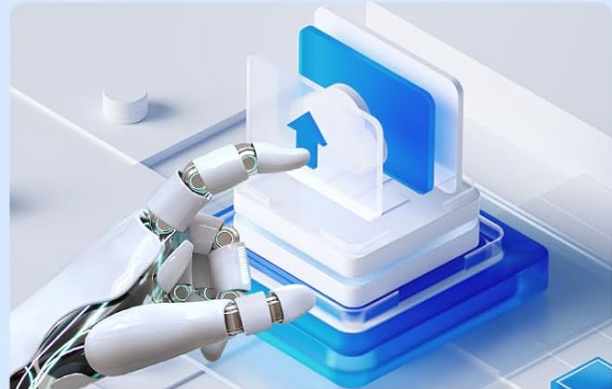
Upon receiving your THINKCAR OBD2 Scanner, it is recommended to connect the device to a Wi-Fi network or phone hotspot. This allows for essential updates to the operating system and vehicle diagnostic software, ensuring you have the latest features and vehicle coverage for accurate diagnostics.

Easier One-Click Start

This is super easy to do and
gives you a second look at the state of the car



Auto VIN



Softwares Upgrade



Auto Scan



Diagnostic Report

Image: The THINKCAR OBD2 Scanner's main screen, illustrating features like Auto VIN, software upgrades, auto scan, and diagnostic report generation for an easier one-click start.

Connecting to Your Vehicle

Locate your vehicle's OBDII port, typically found under the dashboard on the driver's side. Plug the scanner's OBDII cable firmly into the port. The device will power on automatically. Follow the on-screen prompts to begin vehicle identification and diagnosis.

Your browser does not support the video tag.

Video: Demonstrates connecting the THINKCAR OBD2 Scanner to a vehicle's OBDII port and navigating the initial setup screens, including Auto VIN scan and generating a health report.

OPERATING THE DEVICE

System Navigation

The THINKCAR OBD2 Scanner features a 5-inch touchscreen for intuitive navigation. You can tap on icons to select functions or use the physical buttons for menu navigation and selection. The main interface provides quick access to key features such as Scan, OBD, Reset, ThinkStore, Update, File, Consult, and Settings.



Image: The main interface of the THINKCAR OBD2 Scanner, displaying various functions such as Scan, OBD, Reset, and Update.

Diagnostic Functions

4-System Diagnosis

The scanner provides OE-level diagnosis for four core vehicle systems:

- **Engine Control Module (ECM):** Quickly determines the cause of engine system issues and turns off the warning light.
- **Anti-lock Braking System (ABS):** Reads and clears ABS error codes, ensuring smooth and safe braking.
- **Supplemental Restraint System (SRS) / Airbag:** Detects electronic parameters to check the health status of the

safety restraint system.

- **Transmission Control Module (TCM):** Assists in fast scanning and reading fault codes related to the automatic transmission system.

Accuracy 99.9%

For Scan Engine, ABS, Airbag, Transmission

When you connect to WiFi for diagnostics, it's more beneficial for the accuracy of the information.



Engine ABS Airbag Transmission

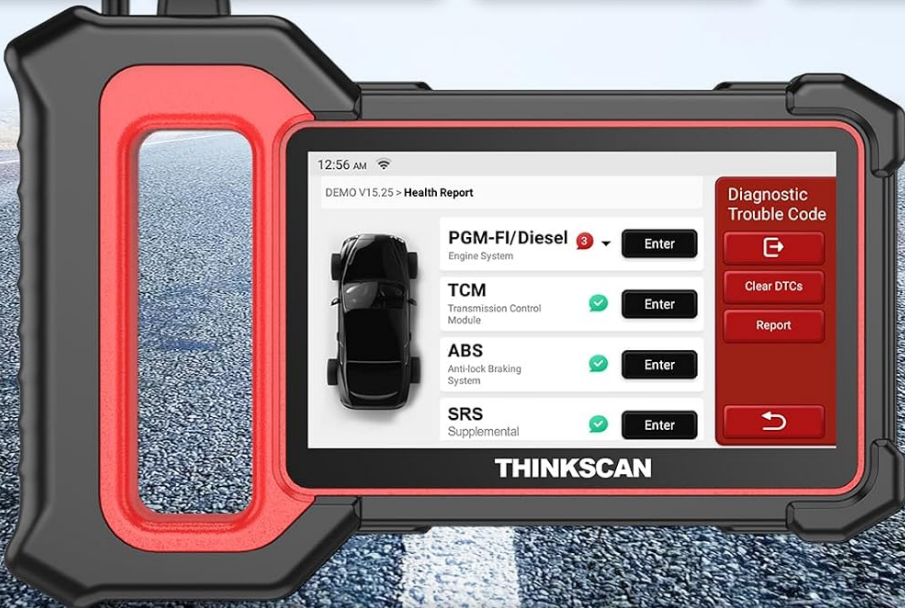


Image: Illustrates the diagnostic capabilities of the scanner for Engine, ABS, Airbag (SRS), and Transmission systems.

Full OBDII Functions

The device supports all 10 OBDII test modes for comprehensive engine system diagnostics:

- **Read and Clear Codes:** Retrieves and erases diagnostic trouble codes (DTCs).
- **Live Data Stream:** Displays real-time data parameters in text or graph format (up to 120 data streams), including 4-in-1 real-time data stream for detailed analysis.

In-Depth Diagnostics

Live Data & On-Board Monitor Test

Reads and tracks real-time data from multiple sensors, such as ABS RPM, engine temperature, misfire, etc.



Image: The scanner displaying real-time live data graphing, useful for in-depth diagnostics.

- **Freeze Frame:** Displays a snapshot of vehicle conditions when an emission-related fault occurs.
- **I/M Readiness Status:** Checks the readiness of the emission monitoring systems.
- **O2 Sensor Diagnosis:** Retrieves O2 sensor monitoring test results.
- **On-board Monitor Diagnosis:** Accesses results of on-board diagnostic monitoring tests for specific components.
- **EVAP System Diagnosis:** Initiates a test of the evaporative emission system.
- **Component Diagnosis:** Allows testing of specific components or systems.
- **Accessing Vehicle Information (AutoVIN):** Automatically identifies vehicle information such as VIN, calibration ID, and calibration verification numbers.
- **DTC Lookup Library:** Provides definitions and possible causes for diagnostic trouble codes.

Diagnostic Report Generation

After completing a scan, the device can generate a comprehensive diagnostic report. This report details the vehicle's health, including identified issues and error codes. You can easily print, email, or share this report via Bluetooth for record-keeping or sharing with clients/friends.

Discovery

DTCs Lookup and Online Feedback

Check the online database for the meaning of the fault code or send the problem back to our engineers for help.



🔍 P0139



Image: The scanner's interface showing options to print, email, or share diagnostic reports via Bluetooth.

Maintenance Functions

The THINKSCAN Plus S5 supports various maintenance functions to assist with common service tasks. These functions vary by vehicle model but typically include services such as Oil Reset, ABS Bleeding, EPB Reset, SAS Calibration, and more. Refer to the device's menu for a full list of supported functions for your specific vehicle.

MAINTENANCE

Software Updates

To ensure your scanner is always up-to-date with the latest vehicle models, bug fixes, and functionalities, connect it to Wi-Fi and perform regular software updates. The device supports one-click lifetime free updates via Wi-Fi.

Device Care

Keep the device clean by wiping it with a soft, dry cloth. Avoid exposing it to extreme temperatures or direct sunlight for prolonged periods. The scanner is designed with TPU protective corners, making it anti-slip and shockproof, but proper handling will extend its lifespan.



Image: The scanner's durable design with TPU protective corners, providing anti-slip and shockproof capabilities.

TROUBLESHOOTING

Common Issues

- **Fault code persists after clearing:** If a fault code remains after clearing, it indicates that the underlying hardware fault in your vehicle still exists. It is crucial to repair the vehicle's issue first before attempting to clear the fault code again.

DTC Lookup and Online Feedback

The device includes a built-in DTC lookup library to help you understand the meaning of diagnostic trouble codes. If you encounter a problem that cannot be resolved, you can use the online feedback feature to send the issue details directly to THINKCAR engineers for assistance.



Image: The scanner's feature for DTC lookup and online feedback, showing a customer support representative ready to assist.

SPECIFICATIONS

Feature	Detail
Brand	thinkcar

Feature	Detail
Model	THINKSCAN Plus S5
Operating System	Smooth Android 6.0 Based Quad-core Processor
Display	5" Touchscreen, 1280x720 resolution
Storage	32GB + 256GB (expandable)
Processor Speed	1.4Ghz
Supported Protocols	OBDII (KWP2000, ISO9141, J1850 VPW, J1850 PWM, CAN)
Vehicle Coverage	94+ Car Brands, 10,000+ Models
Language	English (Localized 10 Languages Support)
Item Weight	2.09 pounds
Product Dimensions	8.3 x 5.5 x 1 inches
First Available	June 15, 2022
UPC	768297277788, 768297279980

WARRANTY AND SUPPORT

The THINKCAR OBD2 Scanner comes with lifetime free software updates via Wi-Fi, ensuring your device remains current and compatible with new vehicle models and diagnostic requirements. For any technical inquiries or support needs, professional technical assistance is available to help you resolve issues and maximize the utility of your scanner.

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