

[Manuals.plus](#) /

› [thinkcar](#) /

› THINKCAR ThinkScan Plus S7 OBD2 Scanner Instruction Manual

thinkcar ThinkScan Plus

THINKCAR ThinkScan Plus S7 OBD2 Scanner Instruction Manual

Brand: thinkcar | Model: ThinkScan Plus

1. INTRODUCTION

The THINKCAR ThinkScan Plus S7 is an advanced OBD2 diagnostic scan tool designed for comprehensive vehicle system analysis and maintenance. It offers OE-level system diagnoses, various special service functions, and full OBD2 capabilities, covering a wide range of car brands. This manual provides detailed instructions to help you effectively use your device.



Image: THINKSCAN PLUS S7 Global Elite Version - A powerful diagnostic tool for comprehensive car health management.

2. WHAT'S IN THE BOX

Your ThinkScan Plus S7 package includes:

- ThinkScan Plus Scanner
- USB-C Cable
- User Manual



Image: ThinkScan Plus S7 Package List - Contents include the scanner, USB-C cable, and user manual.

3. SETUP

3.1. Initial Device Setup & Wireless Update

Upon receiving your device, connect it to a Wi-Fi network or phone hotspot. It is crucial to update the APP operating system and car brand diagnostic software for optimal performance and diagnostic capabilities. This ensures you have the latest features and vehicle coverage.

The device runs on Android 6.0 with a 5-inch touchscreen, making it easy to operate. It features a Quad-Core 1.3GHz CPU and 32GB+256GB (expandable) storage for software and diagnostic reports.

3.2. Connecting to the OBD2 Port

Locate the OBD2 port in your vehicle, typically found under the dashboard on the driver's side. Connect the scanner's 16-pin OBD-II connector to your vehicle's OBD2 port.

Video: How to get diagnostic report - Demonstrates connecting the device and generating a report.

4. OPERATING THE DEVICE

4.1. AutoVIN Scan

The device supports AutoVIN scan, which quickly identifies your vehicle's VIN and enters system diagnostics automatically. This streamlines the diagnostic process.

INTELLIGENT DIAGNOSTIC

This Greatly Improves the Efficiency of
Problem Identification and Resolution



Auto VIN Scan



Live Data Graphing

2023/05 (2)	AUDO 4T1BF1K3FU480000	2023-05-09 19:48:02
2022/08 (5)	TOYOT 1FT8W3DT9CEB000	2023-05-09 21:32:09

Data Record & Playback



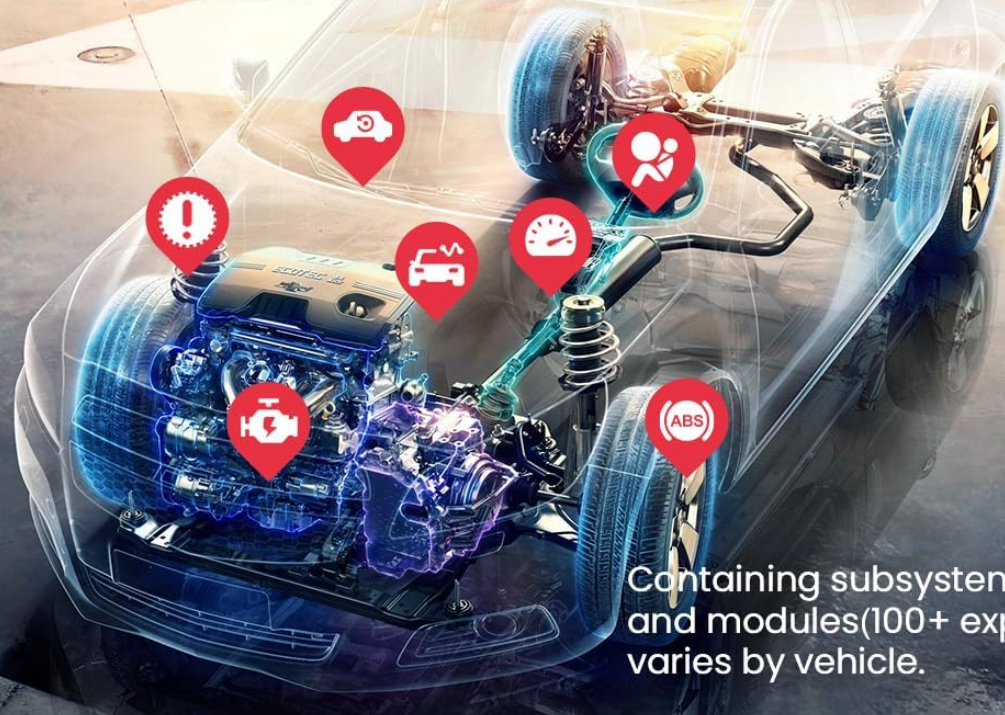
DTC Lookup

Image: Intelligent Diagnostic with AutoVIN Scan - Quickly identifies vehicle information for efficient diagnostics.

4.2. 7 Systems Diagnosis

The ThinkScan Plus S7 can diagnose the most important car systems, including Engine, ABS, SRS, Transmission, Body Control Module (BCM), Air Conditioning (AC), and Instrument Cluster (IC) systems. This allows you to quickly identify and address issues across various vehicle components.

7 SYSTEM DIAGNOSIS



Containing subsystems and modules(100+ expected), varies by vehicle.



Body Control System



ABS



SRS



Engine



Transmission



Ventilation



Instrument

Image: 7 System Diagnosis Overview - Visual representation of the systems covered by the scanner.

4.3. Full OBD2 Functions

The scanner supports all 10 OBD2 test modes, including: Read Codes, Erase Codes, MIL Fault Indicator Light, Live Data, EVAP System Test, On-Board Monitor Test, View Freeze Frame, O2 Sensor Test, Vehicle Info, and I/M Readiness. This ensures your vehicle is ready for emission services and helps in general troubleshooting.

4.4. Live Data Graphing, Record & Playback

Monitor real-time sensor data (up to 120 data streams) in text or graph format. You can record and playback data

streams, which is useful for detailed analysis and troubleshooting. Playback supports two independent graphs or four combined PIDs.

4.5. Diagnostic Report Generation

Generate comprehensive diagnostic reports with one click. These reports can be printed or shared with friends or clients, providing a clear overview of the vehicle's health and identified issues.

5. MAINTENANCE SERVICES

The ThinkScan Plus S7 offers 28 special service options. You can choose any 5 of these services for free for your routine repair needs. Additional functions can be purchased in the THINKCAR Store.

5 RESET SERVICES

Choose Any 5 Services From 28+ Options



ABS Bleeding



Headlamp Reset



EPB



Gear Learning



Windows Calibration



Image: 5 Reset Services Options - Choose from a variety of maintenance functions like ABS Bleeding, Headlamp Reset, EPB, Gear Learning, and Windows Calibration.

Available services include (but are not limited to):

- Throttle Reset
- Injector Coding
- SAS (Steering Angle Sensor) Reset
- ABS Bleeding
- Oil Reset
- Gearbox Reset

- Airbag Reset
- TPMS (Tire Pressure Monitoring System) Reset
- Gear Learning
- EPB (Electronic Parking Brake) Reset
- AFS (Adaptive Front-lighting System) Headlamp Reset
- A/F (Air/Fuel Ratio) Reset
- Dash Board Reset
- Coolant Bleed
- Suspension Reset
- Tyre Setting
- Seat Calibration
- Windows Calibration
- Sunroof Initialization
- Language Set
- Transport Mode
- Stop/Start Reset
- BMS (Battery Management System) Reset

6. TROUBLESHOOTING

If you clear a fault code directly without repairing the underlying car issue, the fault code may reappear. It is recommended to repair the car first, then clear the fault code. The device provides DTC (Diagnostic Trouble Code) lookup with cause analysis to assist in identifying problems.

7. SPECIFICATIONS

Feature	Specification
Brand	thinkcar
Model	ThinkScan Plus
Operating System	Smooth Android 6.0 Based Quad-core Processor
Display	5" Touchscreen, 720P resolution
Memory	32GB+256GB (Expandable) Storage
Connectivity	Wireless Update
Language	English
Item Weight	1 pounds

Product Dimensions	8 x 6 x 1 inches
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8. WARRANTY AND SUPPORT

THINKCAR provides lifetime free updates via Wi-Fi for the APP operating system and car brand diagnostic software. This includes updates for OBD2, ABS, SRS, BCM, AC, IC, Engine, and Transmission diagnoses. For FCA SGW (Security Gateway) vehicles, an annual fee of \$50 for the AutoAuth account is required, charged directly by AutoAuth. THINKCAR is not involved in this transaction process.

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

Answered questions about this manual

How do I reset or clear fault data on the THINKCAR ThinkScan Plus S7?

To reset or clear fault data (Diagnostic Trouble Codes) using your THINKCAR ThinkScan Plus S7, follow these steps: Connect the Device: Plug the scanner's 16-pin OBD-II connector into your vehicle's OBD2 port (usually located under...

[Read full answer](#)

How do I reset the Camshaft Position (CMP) sensor on a Suzuki New Carry Pick-Up using the THINKCAR ThinkScan Plus?

To reset or calibrate the Camshaft Position (CMP) sensor on a Suzuki New Carry using the THINKCAR ThinkScan

Plus, you should use the Gear Learning or Engine (ECM) diagnostic functions. Follow these steps: Connect the...

[Read full answer](#)