

thinkcar ThinkScan Plus S4

THINKCAR ThinkScan Plus S4 OBD2 Scanner

PRODUCT INSTRUCTION MANUAL

1. Introduction and Overview

The THINKCAR ThinkScan Plus S4 is an advanced OBD2 diagnostic scanner designed to provide comprehensive vehicle health reports and maintenance functions. This device offers powerful diagnostic capabilities for various vehicle systems, helping users identify and resolve automotive issues efficiently. It features a user-friendly interface and supports a wide range of vehicle makes and models.



Figure 1: ThinkScan Plus S4 OBD2 Scanner Main Unit

2. What's in the Box

Upon unboxing your ThinkScan Plus S4, please verify that all components are present:

- 1* Thinkscan Plus S4 Car Scanner
- 1* USB-A to USB-C Cable
- 1* User Manual



Figure 2: ThinkScan Plus S4 Package List

3. Setup and Initial Configuration


To ensure optimal performance and access to the latest features, it is crucial to perform initial setup and software updates.

1. **Power On:** Connect the ThinkScan Plus S4 to your vehicle's OBD2 port. The device will automatically power on.
2. **Wi-Fi Connection:** Navigate to 'Settings' on the device's touchscreen. Select 'Network' and connect to an available Wi-Fi network. This is essential for updates.
3. **System Update:** After connecting to Wi-Fi, go to 'Settings' and select 'App Update' or 'System

Update'. Download and install the latest operating system and diagnostic software for your vehicle brands. This ensures compatibility and bug fixes.

THINKSCAN PLUS

Upgraded 2023



Model	S4	S6	S7
Android OS	✓	✓	✓
5-Inch Touch Screen	✓	✓	✓
Memory	2G + 32G	2G + 32G	2G + 32G
System Diagnosis	ABS/SRS/ECM/ TCM/BCM	ABS/SRS/ECM/ TCM	ABS/SRS/ECM/ TCM/BCM/AC/IC
Reset Services	3 (Optional)	Oil/SAS/EPB/ TPMS/ETS	5 (Optional)
94 Brands Coverage	✓	✓	✓
Lifetime Free Update	✓	✓	✓
Full OBDII Functions	✓	✓	✓
4-In-1 Data Streams Gaphing	✓	✓	✓
One-Click Upgrade & Print	✓	✓	✓
Professional Technical Support	✓	✓	✓

Figure 3: ThinkScan Plus S4 Ready for Use

3 RESET SERVICES

Choose Any 3 Services From 28+ Options

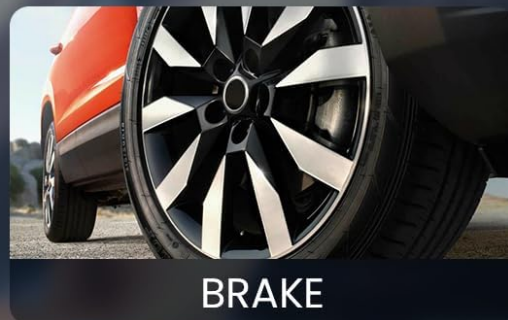


Figure 4: Connecting the ThinkScan Plus S4 to the OBD2 Port

Video: Initial Setup and Usage Overview

Description: This video provides a comprehensive overview of the ThinkScan Plus S4, including initial setup, connecting to a vehicle, and navigating the user interface. It demonstrates the device's capabilities for diagnosing vehicle issues and performing various functions.

4. Operating the Device: System Diagnostics

The ThinkScan Plus S4 offers OE-level diagnostics for five critical vehicle systems:

- **Engine (ECM):** Read and clear engine fault codes, view live data, and access vehicle information.

- **Anti-lock Braking System (ABS):** Diagnose ABS issues, read/clear codes, and view live data streams related to braking.
- **Supplemental Restraint System (SRS):** Check airbag system status, detect electronic parameters, and clear related fault codes.
- **Transmission Control Module (TCM):** Scan for transmission issues, read fault codes, and monitor real-time data.
- **Body Control Module (BCM):** Diagnose problems with electrical appliances like lights, wipers, door locks, and power windows.



Figure 5: Overview of 5 System Diagnostics

AutoVIN Scan and Diagnostic Reports

The device supports AutoVIN scan for quick vehicle identification, streamlining the diagnostic process. After scanning, it can generate detailed diagnostic reports that can be printed or shared via email.

EXTENSIVE VEHICLE COVERAGE

Cover 94 Car Brands and 10,000 Models

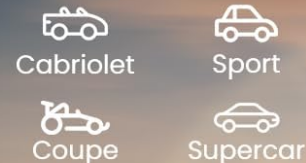
SEDAN



PICKUP



HATCHBACK



Compatible with OBD2, EOBD, CAN Protocols

ISO 15765-4
CAN

ISO 9141-2
ISO

ISO 14229
UDS

ISO 14230-4
KWP2000

SAEJ 1850
VPW&PWM

Figure 6: Intelligent Diagnostic Features including AutoVIN Scan and Live Data Graphing

Video: Automotive Diagnostic Tool Demonstration

Description: This video demonstrates the ThinkScan Plus S4's diagnostic capabilities, showing how to connect to a vehicle, perform a scan, and interpret results. It highlights the ease of use for various diagnostic tasks.

Video: Generating and Sharing Diagnostic Reports

Description: Learn how to generate a diagnostic report in PDF format and share it via email using the ThinkScan Plus S4. This feature is useful for record-keeping or sharing information with mechanics.

5. Special Service Functions (Maintenance)

The ThinkScan Plus S4 allows users to choose 3 free special maintenance services from a selection of

28+ options. These functions are crucial for routine vehicle maintenance and resetting specific systems after repairs.

- **Oil Reset:** Reset the oil light and parameters after an oil change.
- **EPB Reset:** Help replace and reset brake pads.
- **Injector Coding:** Write new injector codes into the car system for correct cylinder injection quantity.
- *Other available functions include: Throttle Adaptation, SAS Reset, TPMS Reset, Gear Learning, AFS Reset, Coolant Bleed, Suspension Reset, Tyre Setting, Seat Calibration, Windows Calibration, Sunroof Initialization, Language Set, Transport Mode, Stop/Start Reset, BMS Reset, and more.*

INTELLIGENT DIAGNOSTIC

This Greatly Improves the Efficiency of
Problem Identification and Resolution



Figure 7: Select 3 Free Reset Services

Video: Special Functions for DIYers

Description: This video showcases the variety of special service functions available on the ThinkScan Plus series, demonstrating how DIYers can utilize these features for common maintenance tasks.

Video: Selecting Functions According to Needs

Description: A detailed guide on how to select and activate specific special functions on the ThinkScan Plus device, allowing users to customize their tool based on their maintenance requirements.

6. Full OBD2 Functions

The ThinkScan Plus S4 supports all 10 OBD2 test modes, providing comprehensive engine diagnostics:

- 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
- I/M Readiness

OPTIMIZED CONFIGURATION

High Flow ABS Material and Non-slip Silicone Surfaces



Figure 8: Full OBD2 10 Modes Supported

7. Vehicle Compatibility

The ThinkScan Plus S4 offers extensive vehicle coverage, supporting over 94 vehicle brands. It is compatible with US-based vehicles that are OBDII compliant (OBDII protocols: KWP2000, ISO9141, J1850 VPW, J1850 PWM, and CAN). This includes 12-volt sedans, SUVs, light-duty trucks, minivans, and hybrids.

Note: Service functions may vary by vehicle model. Please check compatibility before purchase. FCA AutoAuth is supported, but the scanner does not include an FCA account; users need to register themselves.

3 RESET SERVICES

Choose Any 3 Services From 28+ Options

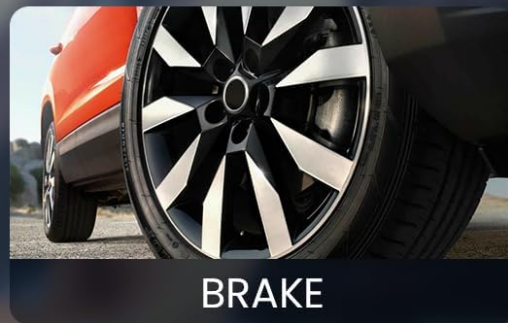


Figure 9: Wide Vehicle Compatibility and Supported Protocols

8. Troubleshooting

If you clear a fault code directly without repairing the underlying issue in the car, the fault code may reappear. It is recommended to diagnose the problem, perform the necessary repairs, and then clear the fault code to ensure a lasting solution.

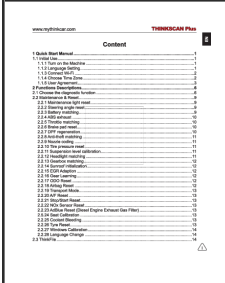
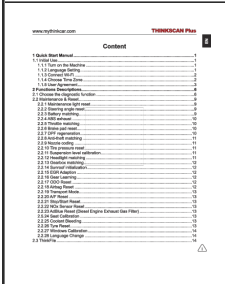
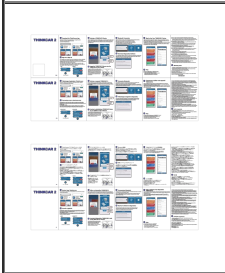
9. Specifications

Feature	Detail
Brand	thinkcar
Model	ThinkScan Plus S4
Operating System	Smooth Android 6.0 Based Quad-core Processor
Display	5" Touchscreen, 720x1280 resolution
Memory	32GB+256GB (EXTENDABLE) Storage
Connectivity	Wireless Update (Wi-Fi)
Item Weight	2.09 pounds
Product Dimensions	8.3 x 5.5 x 1 inches
Language	English (supports 10 localized languages)

10. Warranty and Support

The ThinkScan Plus S4 comes with lifetime free updates, ensuring your device always has the latest vehicle data and software features. For any technical assistance or product inquiries, please refer to the official thinkcar support channels.

Related Documents - ThinkScan Plus S4

	<p>THINKSCAN Plus User Manual and Quick Start Guide</p> <p>This document provides a comprehensive user manual and quick start guide for the THINKSCAN Plus diagnostic tool, covering initial setup, functions, maintenance resets, Q&A, and warranty information.</p>
	<p>THINKSCAN Plus User Manual and Guide</p> <p>This document provides a comprehensive guide to the THINKSCAN Plus diagnostic tool, covering quick start, functions, Q&A, and warranty information. It details various maintenance and reset functions, diagnostic procedures, and system settings for automotive technicians.</p>
	<p>THINKCAR 2 OBD2 Scanner User Guide</p> <p>User guide for the THINKCAR 2 OBD2 scanner, detailing app download, account registration, device binding, and usage for car diagnostics on iPhone and Android devices.</p>

