

thinkcar ThinkScan S99

THINCAR S99 OBD2 Scanner Diagnostic Tool User Manual

Model: ThinkScan S99

1. INTRODUCTION

The THINCAR S99 OBD2 Scanner is a comprehensive diagnostic tool designed for automotive enthusiasts and professionals. It provides full system diagnostics, code reading, and various reset functions to help identify and resolve vehicle issues efficiently. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your S99 diagnostic tool.



Image: Front view of the THINCAR S99 OBD2 Scanner, showcasing its display and button layout.

2. SETUP AND INITIAL USE

Before using your THINCAR S99, please follow these steps for proper setup.

2.1. Package Contents

- 1 x S99 OBD2 Scanner
- User Manual (this document)

2.2. Initial Activation and Vehicle Brand Selection

The ThinkScan S99 diagnostic scanner requires activation for one specific vehicle brand. Once a brand is selected and software downloaded, it cannot be modified. Ensure you choose the correct brand for your primary diagnostic needs.

| CHOOSE ONE BAND YOU NEED

Best for individual car owners

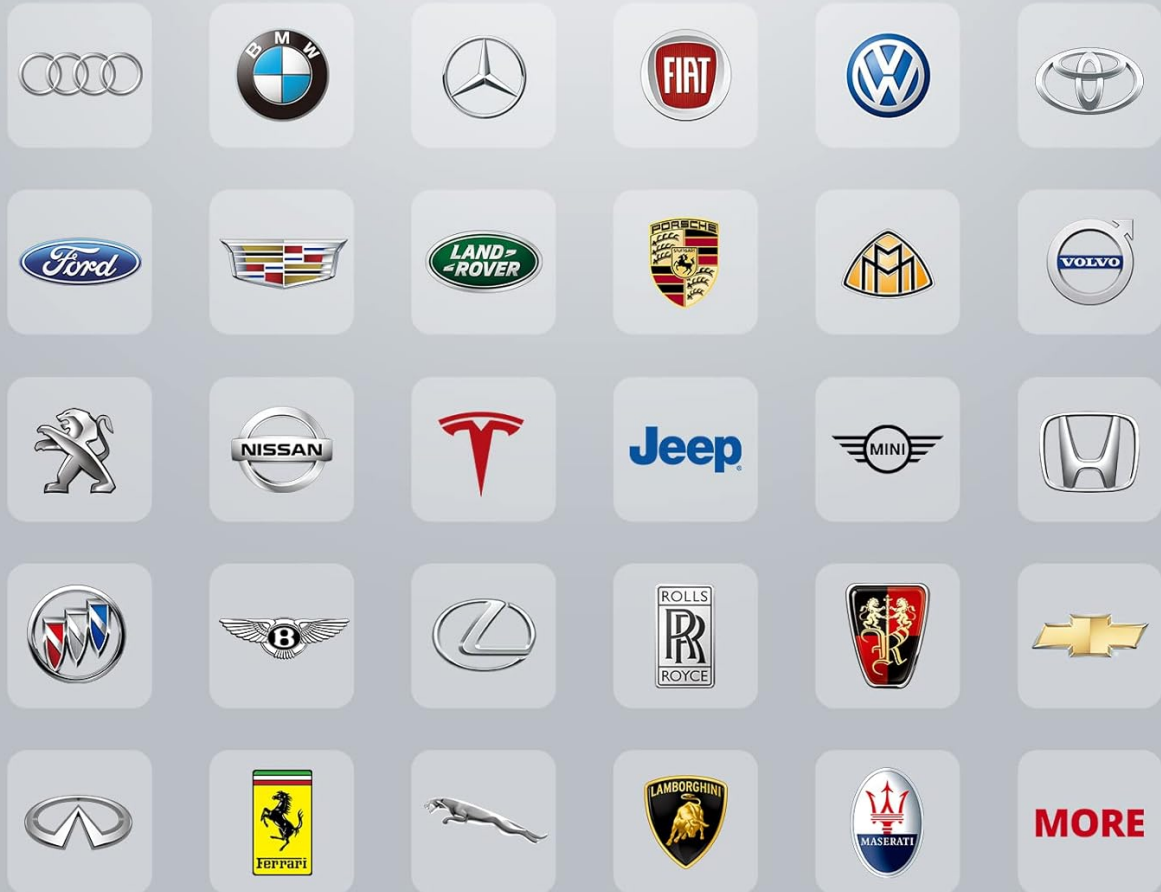


Image: Screen displaying various car brand logos, indicating the selection process for the S99 scanner's software activation.

To select your vehicle brand software:

1. Visit the official THINKCAR website.
2. Navigate to the download section for THINKSCAN products.
3. Download the software for your chosen vehicle brand to the memory card.
4. Insert the memory card into your S99 scanner.

Important Note: Out of 37 available vehicle brands, you can only select one brand to activate. Not all brands are activated simultaneously. If you are unsure about compatibility, contact customer service.

3. OPERATING INSTRUCTIONS

The THINCAR S99 is designed for ease of use, offering comprehensive diagnostic capabilities.

3.1. Full System & Subsystem Diagnostics

The S99 can scan your vehicle's entire systems and subsystems, including but not limited to Body, Chassis, Powertrain, Fuel system, and Light system. It identifies module information, reads fault codes, and generates diagnostic reports quickly.

FULL SYSTEMS DIAGNOSTIC SCAN TOOL



Image: Visual representation of the THINCAR S99's ability to diagnose various vehicle systems such as Engine, Transmission, ABS, Airbag, TPMS, SAS, Suspension, and Battery System.

After a scan, you can access the report menu to clear fault codes and view live data graphs, aiding in quick fault location and resolution.

3.2. OBDII Functions

The S99 provides full OBDII functions for comprehensive engine diagnostics:

- **Read Codes:** Retrieve Diagnostic Trouble Codes (DTCs).
- **Clear Codes:** Erase DTCs and turn off the Check Engine Light.
- **Live Data:** View real-time data streams from the vehicle's sensors.
- **Freeze Frame:** View a snapshot of the vehicle's operating conditions at the time of an emission-related fault.
- **I/M Readiness:** Check the readiness of the emission monitoring systems.
- **O2 Sensor Test:** Retrieve O2 sensor monitor test results.
- **On-Board Monitor Test:** Retrieve results for emission-related powertrain components and systems.

- **EVAP Test:** Perform the Evaporative Emission Control System Leak Test.
- **Vehicle Information:** Retrieve vehicle identification number (VIN), calibration ID (CALID), and calibration verification number (CVN).
- **DTC Lookup:** Built-in DTC library for quick code definitions.

FULL 10 OBDII FUNCTION

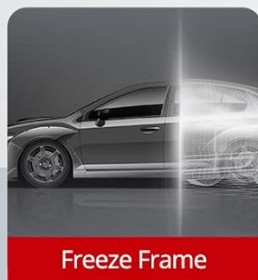
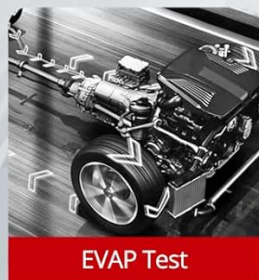


Image: Diagram illustrating the 10 full OBDII functions available on the THINCAR S99, including Read Codes, Clear Codes, Live Data, and more.

3.3. Live Data Stream and Playback

The S99 supports 4-in-1 live data stream display and playback. Diagnostic data is automatically recorded and can be reviewed in text or graphic format.

4 IN 1 LIVE DATA STREAM DATA PLAYBACK



Image: The THINKCAR S99 displaying live data streams and freeze frame information, showing parameters like fuel system status and engine coolant temperature.

4. MAINTENANCE FUNCTIONS

The THINKCAR S99 offers several special reset services to assist with vehicle maintenance.

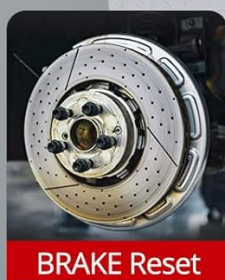
4.1. Special Reset Services

The S99 includes the following free special services:

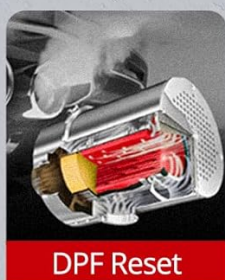
- **Throttle Adaptation:** Optimizes engine performance.
- **Electronic Parking Brake (EPB) Reset:** Resets the electronic parking brake system after brake pad replacement.
- **Diesel Particulate Filter (DPF) Service:** Manages DPF regeneration and reset.
- **Oil Lamp Reset:** Resets the oil life system after an oil change.
- **Steering Angle Sensor (SAS) Reset:** Calibrates the steering angle sensor.

5 SERVICES FUNCTIONS LIFETIME FREE

Useful Reset To Fast Access To The Car Systems



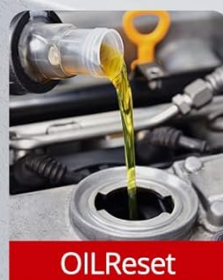
BRAKE Reset



DPF Reset



ETS Reset



OILReset



SAS Reset

Image: Icons representing the five special service functions: Brake Reset, DPF Reset, ETS Reset, Oil Reset, and SAS Reset.

Note: Availability of these service functions may vary by vehicle model and year. Always check compatibility before performing a service.

4.2. Software Updates

The S99 offers lifetime free software updates, ensuring access to the latest diagnostic capabilities and vehicle model support. Updates are performed via a computer.

LIFE TIME FREE UPDATE & DATA PRINT



Lifetime update via memory card



Image: A laptop and printer next to the S99 scanner, illustrating the lifetime update via memory card and the data print function.

To update your S99 scanner:

1. Remove the TF card from your scanner.
2. Insert the TF card into a card reader and connect it to your computer.
3. Open the "product update tool" software on your computer and click "TF".
4. Select the updates you wish to perform or click "Select All", then click "Download" to start downloading.
5. Once the download is complete, finish the update and insert the TF card back into your scanner.

Your browser does not support the video tag.

Video: A step-by-step guide on how to update the ThinkScan S99 diagnostic tool's software using a computer and TF card.

5. TROUBLESHOOTING

This section addresses common issues and their solutions.

5.1. "Link Error" Encountered

If you encounter a "link error" message, consider the following:

- Ensure your car is compatible with the OBDII protocol.
- Verify that the diagnostic cable is working properly.
- Check if your vehicle's OBD2 port is correct and free from obstructions.

5.2. General Usage Questions

For new users, the S99 code reader is designed to be user-friendly. It supports one-key engine diagnosis, one-key code light clearing and reset, and one-key I/M diagnosis. A DTC search function is also available. If you have further questions, please contact customer service.

6. SPECIFICATIONS

Feature	Detail
Brand	thinkcar
Model	ThinkScan S99
Item Weight	13 ounces
Product Dimensions	8 x 4 x 1 inches
Operating System	ARM (Full car systems diagnose) (5 reset functions-DPF-ETS-Oil-Brake-SAS)
Display Resolution	320*480
Special Features	Memory
Lift Type	manual
UPC	768297576997
Car Coverage	OBD2/EOBD standard cars from 38 automakers (after 1996 for American, 2000 for European, 2008 for Asian)
Supported Languages	English, French, Spanish, German, Russian, Italian, Portuguese, Polish

7. WARRANTY AND SUPPORT

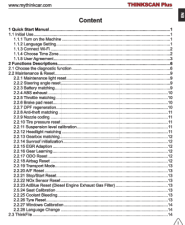
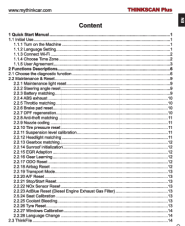
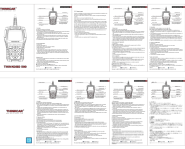
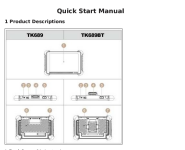
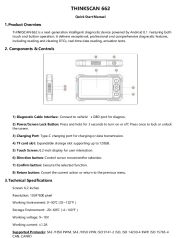
The THINCAR S99 comes with a one-year warranty.

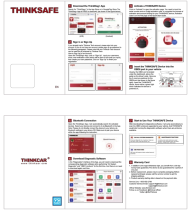
7.1. Customer Support

For any questions or assistance, please contact THINCAR customer service. You can also refer to the Quick Start Guide available on the product page.

Official User Guide (PDF): [Download User Guide](#)

Related Documents - ThinkScan S99

	<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>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>THINKCAR THINKOBD 500 Quick Start Guide and Warranty Information</p> <p>Concise guide to setting up, updating, and using the THINKCAR THINKOBD 500 OBD2 diagnostic scanner, including warranty details and FCC compliance information.</p>
	<p>THINKCAR TK689 TK689BT Quick Start Manual: OBD2 Diagnostic Tool Guide</p> <p>Explore the THINKCAR TK689 and TK689BT Quick Start Manual, a comprehensive guide for these advanced OBD2 diagnostic tools. Learn about product features, technical specifications, setup, Wi-Fi connectivity, and detailed function descriptions including full system diagnosis, maintenance resets, software upgrades, and troubleshooting FAQs. Optimize your vehicle diagnostics with THINKCAR's professional automotive scanner.</p>
	<p>THINKSCAN 662 Quick Start Manual</p> <p>A quick start guide for the THINKSCAN 662, an intelligent diagnostic device powered by Android 8.1. This manual covers product overview, components, technical specifications, usage instructions, function descriptions, Q&A, and warranty terms.</p>



[ThinkSAFE Device Quick Start Guide](#)

A guide to downloading the ThinkDiag+ app, signing up or signing in, activating the ThinkSAFE device, connecting via Bluetooth, downloading diagnostic software, and understanding the warranty information.