

thinkcar Thinkscan Max

Thinkscan Max Car Diagnostic Scan Tool User Manual

Model: Thinkscan Max | Brand: thinkcar

1. INTRODUCTION

This user manual provides comprehensive instructions for the operation and maintenance of your Thinkscan Max Car Diagnostic Scan Tool. Designed for both professional technicians and DIY enthusiasts, this tool offers full system diagnostics and a wide range of maintenance reset functions for various vehicle makes. Please read this manual thoroughly before using the device to ensure proper and safe operation.

2. SAFETY INFORMATION

Always observe the following safety precautions when using the Thinkscan Max diagnostic tool:

- Ensure the vehicle is in a well-ventilated area.
- Wear appropriate personal protective equipment, including eye protection.
- Do not operate the tool with wet hands or in wet conditions.
- Keep the tool away from heat sources, sparks, and open flames.
- Refer to the vehicle's service manual for specific diagnostic procedures and safety warnings.
- Do not attempt to disassemble or modify the device.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your Thinkscan Max package:

- Thinkscan Max Tablet
- Charger Cable
- Bluetooth Dongle (VCI)
- User Guide (this manual)



Image: Contents of the Thinkscan Max package, including the tablet, VCI dongle, charging cable, and user manual.

4. PRODUCT OVERVIEW

The Thinkscan Max is an intelligent automotive scan tool featuring a 5.99-inch touch screen and running on Android 10.1. It is designed for comprehensive vehicle diagnostics and maintenance. Key features include:

- Full System Diagnosis for over 90 vehicle makes.
- 28+ Maintenance Reset Functions (e.g., Oil Reset, EPB, TPMS, Injector Coding).
- Auto-VIN Scan for automatic vehicle identification.
- Wireless Bluetooth VCI dongle for convenient diagnostics.
- Lifetime software updates.
- One-Click Screenshot, Graph & Combined Data stream.
- Multi-language support (15 languages).

THINKSCAN MAX

Advanced Professional Car Diagnostic Tool, Diagnose problems accurately and quickly.



FULL SYSTEM DIAGNOSIS —	
28 RESET SERVICE —	
OBDII 10 MODES —	



Image: The Thinkscan Max diagnostic tool displaying its main interface and highlighting key features like full system diagnosis, 28 reset services, and OBDII 10 modes.



Image: Visual representation of the Thinkscan Max's features, including its Android operating system, 5.99-inch touch screen, 3100 mAh battery, and Wi-Fi connectivity.

5. SETUP

Follow these steps to set up your Thinkscan Max for first use:

1. **Charge the Device:** Connect the Thinkscan Max tablet to the power adapter using the provided charger cable. Ensure the device is fully charged before initial use.
2. **Connect the VCI Dongle:** Locate the vehicle's OBD-II port (usually under the dashboard) and plug in the Bluetooth VCI dongle. The dongle's indicator light should illuminate.
3. **Power On:** Press and hold the power button on the Thinkscan Max tablet to turn it on.
4. **Initial Setup:** Follow the on-screen prompts to select your language, connect to a Wi-Fi network, and register your device.
5. **Software Download:** After registration, you may be prompted to download vehicle diagnostic software packages. It is recommended to download car-specific software rather than just reset software for full functionality.



Image: The Thinkscan Max tablet and its accompanying Bluetooth VCI dongle, ready for connection to a vehicle's OBD-II port.

6. OPERATING INSTRUCTIONS

The Thinkscan Max offers a variety of diagnostic and maintenance functions. Here's how to use the primary features:

6.1. AutoVIN Scan

The Auto-VIN Scan function automatically identifies the vehicle's VIN (Vehicle Identification Number) to quickly access diagnostic information. This streamlines the diagnostic process by eliminating manual input.



Image: The Thinkscan Max screen displaying the AutoVIN scan process, automatically identifying the vehicle's make, year, and model.

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Video: Demonstrates the AutoVIN recognition feature of the Thinkscan Max, showing how it automatically identifies vehicle information.

6.2. Full System Diagnosis

Perform comprehensive diagnostics on all available vehicle systems, including Engine, ABS, Transmission, SRS, EPB, Chassis, Steering, and Brake systems. This function allows you to read and clear diagnostic trouble codes (DTCs) and view live data streams.

- **Read Codes:** Retrieve current, pending, and permanent diagnostic trouble codes from the vehicle's control modules.
- **Clear Codes:** Erase diagnostic trouble codes from the vehicle's memory after repairs are completed.
- **Live Data Stream:** View real-time data parameters from various sensors and components in text or graph format.

FULL SYSTEM DIAGNOSIS



Read Codes



Clear Codes



Read Data Stream



28 Reset Functions

▪ Chassis System Division ▪ Security System ▪ Brake Assist System ▪ Air Conditioning System



Airbag System



Transmission



Engine System



ABS System



Steering System



Image: A diagram illustrating the various vehicle systems covered by the Thinkscan Max's full system diagnosis, including Engine, Airbag, Transmission, ABS, and Steering systems.

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Video: Shows the process of reading and erasing fault codes, as well as viewing live data streams from the vehicle's OBD system.

6.3. 28+ Maintenance Reset Functions

The Thinkscan Max provides access to over 28 commonly used maintenance and reset services, enabling you to perform various vehicle service tasks. Some examples include:

- Oil Reset
- EPB (Electronic Parking Brake) Reset
- TPMS (Tire Pressure Monitoring System) Reset
- Injector Coding
- SAS (Steering Angle Sensor) Calibration
- ABS Bleeding

- DPF (Diesel Particulate Filter) Regeneration
- Battery Matching
- Throttle Adaptation
- Gear Learning

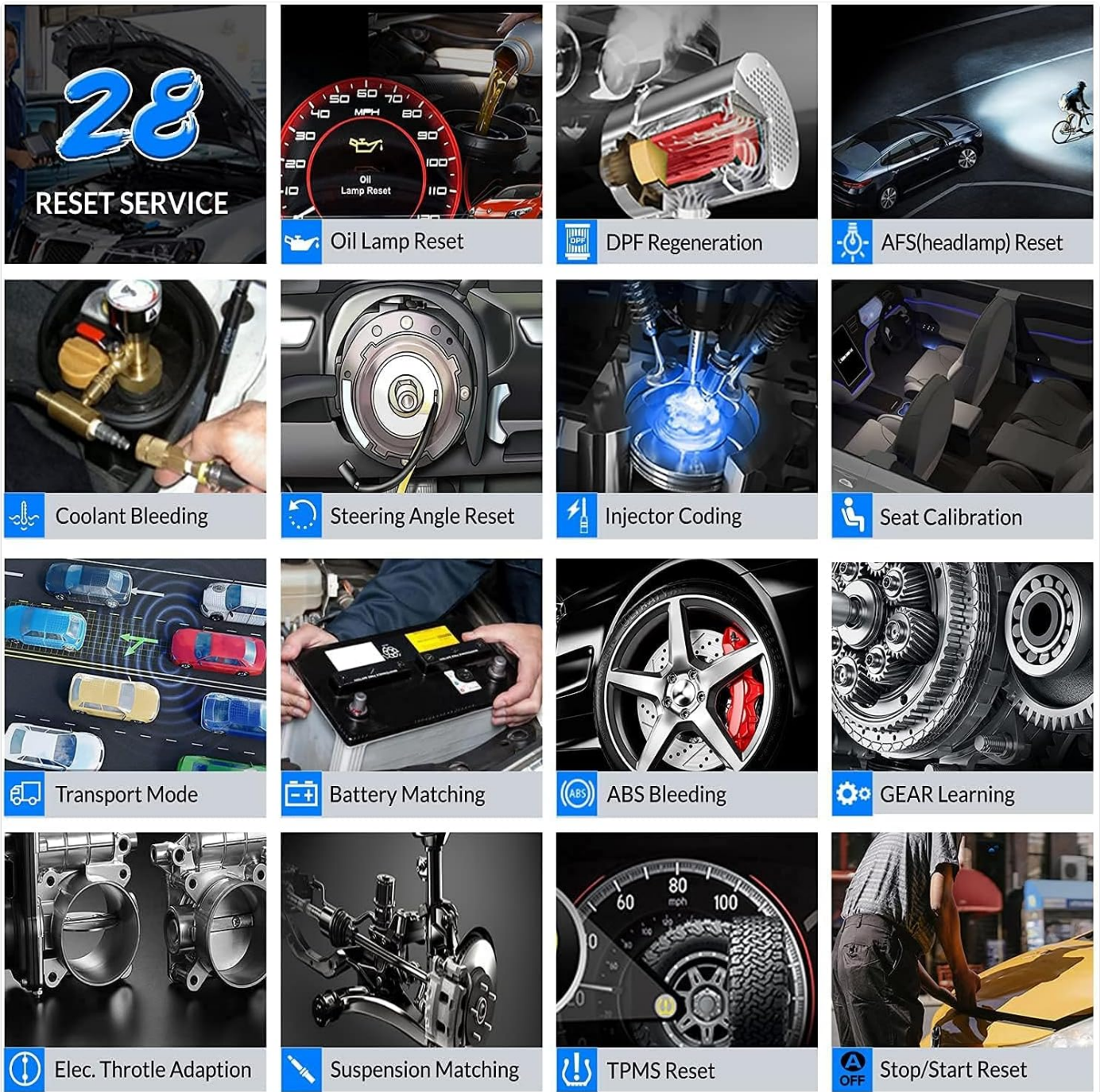


Image: A collage of icons representing various maintenance reset services available on the Thinkscan Max, such as Oil Lamp Reset, DPF Regeneration, and ABS Bleeding.

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Video: Illustrates the selection and execution of various maintenance reset functions available on the device.

6.4. Full OBD2 Functions

The Thinkscan Max supports all 10 modes of OBD2 testing, providing comprehensive engine diagnostics:

1. Read Codes
2. Clear Codes
3. Live Data

4. Freeze Frame
5. EVAP System Test
6. O2 Sensor Test
7. On-board Monitor Test
8. I/M Readiness
9. Vehicle Info
10. Component Test



Image: An illustration showing the various full OBD2 functions accessible through the Thinkscan Max, including reading codes, live data, and I/M readiness.

6.5. Advanced Diagnostic Functions (ECU Coding & Actuation Test)

Beyond standard diagnostics, the Thinkscan Max offers advanced functions for deeper vehicle analysis and control:

- **ECU Coding:** Allows for component matching, adaptive data initialization, and flashing of hidden functions.
- **Actuation Test (Bi-directional Control):** Enables the tool to send commands to vehicle systems/components to test their

functionality (e.g., turning on/off lights, fuel pump, cycling ABS pump).

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Video: Demonstrates advanced diagnostic functions such as ECU Coding and Actuation Tests, showing the device interacting with vehicle systems.

6.6. Software Updates

The Thinkscan Max supports online software updates via Wi-Fi, ensuring you always have the latest vehicle coverage and diagnostic features. Regular updates are crucial for optimal performance and compatibility with new vehicle models.

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Video: Shows the process of performing an online software upgrade on the Thinkscan Max, highlighting the Android system's update capabilities.

7. VEHICLE COVERAGE

The Thinkscan Max provides extensive vehicle coverage, supporting over 90 American, Asian, and European vehicle makes. It is compatible with most OBD2 compliant vehicles manufactured after 1996.

SUPPORT CAR MODEL

support the OBD protocol after 1996

124+

NO.	CAR BRANDS	NO.	CAR BRANDS	NO.	CAR BRANDS
1	ASTONMARTIN	32	INDIANMARUTI	63	QIRUI_TY
2	AUDI	33	INDIANTATA	64	QOROS
3	AUSTFORD	34	JMC	65	RENAULT
4	AUSTHOLDEN	35	IVECO	66	ROVER
5	BAIC	36	IZH	67	SAAB
6	BENZ	37	JACTY	68	SAICMG
7	BMW	38	JIAO	69	SAIPA
8	BXFIAT	39	JINLONG	70	SEAT
9	BXGM	40	JOYLONG	71	SEAZ
10	CHANGAN	41	ISUZU	72	SGM
11	CHANGCHENG	42	KIA	73	SKODA
12	CHANGHE	43	LANDROVER	74	SMART
13	CHRYSLER	44	LIFAN	75	SPARK_TY
14	CITROEN	45	LIUWEI_TY	76	SPRINTER
15	DAEWOO	46	LUXGEN	77	SSANGYONG
16	DAIHATSU	47	MAHINDRA	78	SUBARU
17	DFXK	48	MALAYSIA PERODUA	79	SUZUKI
18	DR	49	MALAYSIA PROTON	80	TATA
19	FERRARI	50	MARUTI	81	TOYOTA
20	FIAT	51	MASERATI	82	TRUMPCHI
21	FLYER	52	MAXUS	83	UAZ
22	FUTIAN	53	MAZDA	84	USAFORD
23	GAZ	54	MITSUBISHI	85	VAZ
24	GM	55	MVM	86	VOLVO
25	HAFEI	56	NISSAN	87	VW
26	HMAZDA	57	OPEL	88	XIALI
27	HONDA	58	PAZ	89	XINKAI
28	HUACHEN	59	PERODUA	90	ZAZ
29	HYUNDAI	60	PEUGEOT	91	ZHONGSHUN
30	IKCO	61	PORSCHE	92	ZHONGTAI
31	INDIANMAHINDRA	62	PROTON	93	ZHONGXING

Image: A list of over 124 car brands supported by the Thinkscan Max, indicating its broad compatibility with vehicles adhering to the OBD protocol after 1996.



Image: Details on the Thinkscan Max's support for 93+ car brands across USA, Europe, and Asia, along with its 17 language settings.

8. TROUBLESHOOTING

If you encounter issues with your Thinkscan Max, refer to the following common troubleshooting tips:

- **Device Not Powering On:** Ensure the device is fully charged. Check the charging cable and adapter for damage.
- **VCI Dongle Not Connecting:** Verify the dongle is securely plugged into the OBD-II port. Check Bluetooth settings on the tablet to ensure it's enabled and paired.
- **Communication Error with Vehicle:** Ensure the vehicle's ignition is on (engine off or running as required by the specific test). Verify the VCI dongle is properly connected. Check for software updates for your vehicle make.
- **Software Issues/Errors:** Perform a software update. If issues persist, contact customer support.
- **"Out of Memory" Error:** If prompted, delete unused files or vehicle software packages to free up space.

For more detailed troubleshooting or persistent issues, please contact thinkcar customer support.

9. SPECIFICATIONS

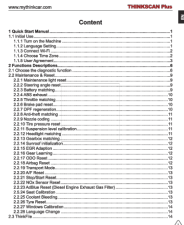
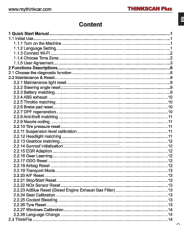
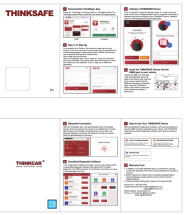
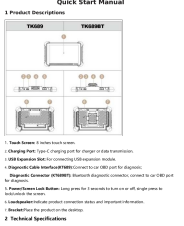
Feature	Detail
Brand	thinkcar
Model	Thinkscan Max Bluetooth Scanner
Operating System	Android 7.0
Display Resolution	720x1440
Item Weight	3.3 pounds
Product Dimensions	8.27 x 12.2 x 3.94 inches

Feature	Detail
Batteries	1 Lithium Polymer batteries required (included)
UPC	850022568039

10. WARRANTY AND SUPPORT

The Thinkscan Max comes with a manufacturer's warranty. For warranty details, technical support, or any inquiries, please refer to the contact information provided in your product packaging or visit the official thinkcar website. Lifetime software updates are provided to ensure your device remains current with the latest vehicle data.

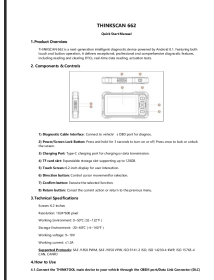
Related Documents - Thinkscan Max

	<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>ThinkSAFE Device Quick Start Guide</p> <p>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.</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>



[THINKSCAN 689 & 689BT Diagnostic Tool Quick Start Manual](#)

Comprehensive quick start manual for THINKCAR THINKSCAN 689 and 689BT automotive diagnostic tools. Learn about product features, technical specifications, how to connect and use the device, perform full system diagnostics, maintenance resets, software upgrades, and access customer support. Includes troubleshooting Q&A and warranty information for these OBDII scanners.



[THINKSCAN 662 Quick Start Manual](#)

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.