

thinkcar SD6-5.0IN

THINKCAR SD6 Scan Tool Instruction Manual

Model: SD6-5.0IN | Brand: THINKCAR

INTRODUCTION

The THINKCAR SD6 Scan Tool is an advanced diagnostic device designed to help users identify and resolve vehicle issues efficiently. It provides comprehensive diagnostics for 6 major vehicle systems, offers 28 special reset functions (with 5 free optional choices), and includes lifetime free software updates. This manual will guide you through the setup, operation, and maintenance of your SD6 Scan Tool.

SETUP

Unboxing and Initial Inspection

Upon opening the package, ensure all components are present and in good condition. The package should contain the THINKCAR SD6 main unit and the OBD2 diagnostic cable.



The THINKCAR SD6 Scan Tool and its components.

Powering On and Connection

To power on the device, connect the OBD2 diagnostic cable to the vehicle's OBD2 port. The port is typically located under the dashboard on the driver's side. Once connected, the device will automatically power on.

THINKCAR THINKSCAN SD6



6 SYSTEM CAR DIAGNOSTIC TOOL :



ABS



SRS



ECM



TCM



BCM



IC

Connecting the THINKCAR SD6 to the vehicle's OBD2 port, typically located under the dashboard.

Official video demonstrating the initial connection and power-up sequence of the THINKCAR SD6.

Software Update and Activation

For the first use, connect the device to a Wi-Fi network to install and auto-update new car model data packets. Ensure a stable internet connection for successful updates. The device offers lifetime free updates.

LIFETIME FREE UPDATE



The update interface of the THINKCAR SD6, showing available software updates for various vehicle brands.

OPERATING INSTRUCTIONS

Basic OBDII Functions

The THINKCAR SD6 supports all 10 test modes of OBDII, allowing you to read and clear Diagnostic Trouble Codes (DTCs), view live data streams, check I/M readiness status, and more. This helps in quickly identifying and resolving emission-related issues.

THINKSCAN SD6 SUPPORTS ALMOST 12V 16PIN OBD2 PROTOCOLS CAR

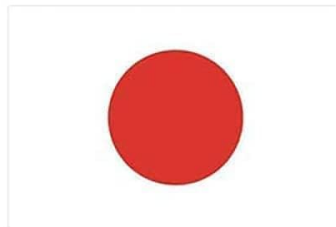
More than 10000+ Car modes



American Car
from 2000 to now



European Car
from 2003 to now



Japanese Car
from 2006 to now



Korean Car
from 2006 to now



Chinese Car
from 2009 to now



Russian Car
from 2012 to now

Overview of the main OBDII functions available on the THINKCAR SD6, including reading and clearing fault codes.

Advanced System Diagnostics

Beyond basic OBDII, the SD6 provides in-depth diagnostics for six critical vehicle systems: Engine (ECM), Transmission (AT), Airbag (SRS), Antilock Brake (ABS), Body Control Module (BCM), and Instrument Cluster (IC). This allows for a more comprehensive understanding of vehicle health.

28 RESET FUNCTION CHOOSE 5 RESET FOR FREE



Diagram illustrating the six main vehicle systems diagnosable by the THINKCAR SD6: Engine, Transmission, ABS, SRS, BCM, and IC.

Special Reset Functions

The device supports 28 common maintenance reset functions, such as Oil Reset, SAS Reset, TPMS Reset, Brake Reset, and more. Users can select 5 of these functions for free lifetime use. Choose wisely, as these selections cannot be changed once activated.

Product					
Product Name	THINKCAR SD6	A*CEL FX20*0	TOPD*NAD50*S	FOXWE*L N*624	LA*NCH CRP1*9E
Price (USD)	199.99	169.99	259.99	279.99	299.99
Screen Size	4 Inches Touch Screen	4 Inches Non-Touch Screen	5 Inches Touch Screen	5 Inches Non-Touch Screen	5 Inches Touch Screen
Auto VIN	✓	✗	✓	✓	✓
Diagnosis Systems	Engine,AT, ABS,SRS	Engine,AT, ABS,SRS	Engine,AT, ABS,SRS	All Systems	Engine,AT, ABS,SRS
Reset Function	5 Free Optional From 28 Reset	✗	Oil/BMS/ABS/DPF/Throttle RESET	Oil/SAS/ABS/EPB/Throttle RESET	5 Free Optional From 22 Reset

A visual representation of the 28 special reset functions offered by the THINKCAR SD6, from which users can select 5 for free lifetime use.

MAINTENANCE

Software Updates

Keep your THINKCAR SD6 up-to-date by regularly checking for software updates via Wi-Fi. These updates ensure compatibility with new vehicle models and provide enhanced diagnostic capabilities.

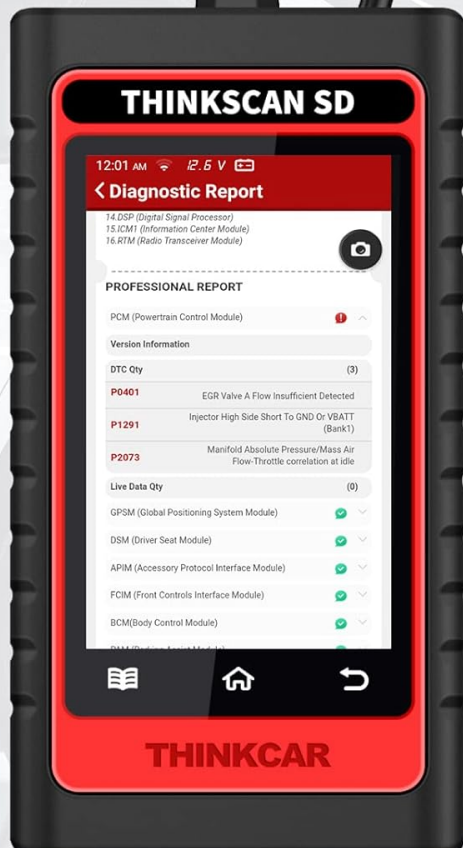


The lifetime free update screen, showing ongoing updates for various vehicle software and diagnostic applications.

Data Management

The SD6 allows you to generate and save comprehensive diagnostic reports. These reports can be reviewed at any time, providing a valuable record of vehicle information, fault codes, and recorded data streams for future reference or sharing.

Support Full OBD2 Function



Read Codes



Erase Codes



Component System



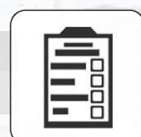
EVAP



On-Board test



View Freeze Frame



Vehicle Info



I/M Readiness



OBDII/EOBD/CAN



Live Data



O2 Sensor Test



Battery Check

A sample diagnostic report generated by the THINKCAR SD6, detailing vehicle information and diagnostic trouble codes.

TROUBLESHOOTING

Common Issues

- **Device not powering on:** Ensure the OBD2 cable is securely connected to the vehicle's port and the vehicle's ignition is in the ON position.
- **Connection failed:** Check the diagnostic cable for damage. Try connecting to a different vehicle to rule out a vehicle-specific issue.
- **Software update issues:** Verify your Wi-Fi connection is stable. If updates fail, try restarting the device and your Wi-Fi router.
- **Error codes not clearing:** If fault codes persist after clearing, it may indicate an underlying mechanical or electrical issue that requires further inspection and repair.

Contact Support

For further assistance or issues not covered in this manual, please contact THINKCAR customer service. You can send an email to support@kingbolen.com for quick response and problem resolution.

SPECIFICATIONS

Manufacturer	THINKCAR
Brand	thinkcar
Model	THINKCAR SD6 Scanner Tool
Item Weight	1.23 pounds
Product Dimensions	3.31 x 1.1 x 6.14 inches
Item model number	sd6
Batteries	1 AAA batteries required.
Manufacturer Part Number	sd6
Operating System	Android 4.0
Display resolution	400*800

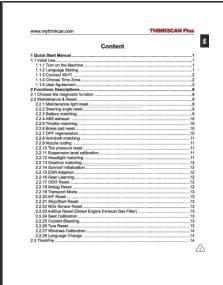
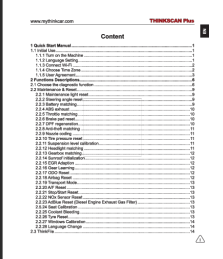
WARRANTY AND SUPPORT

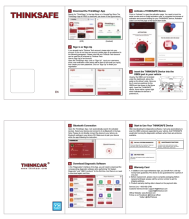

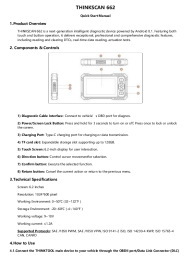

THINKCAR is committed to providing high-quality products and customer satisfaction. The SD6 Scan Tool is designed in the USA and manufactured to high standards. For any inquiries, technical support, or issues regarding your device, please reach out to the dedicated customer service team.

Contact Support: support@kingbolen.com

Visit the official THINKCAR Store for more information and support: [THINKCAR Store](#)

Related Documents - SD6-5.0IN

	<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 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>
	<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>
	<p>THINKSCAN 689 & 689BT Diagnostic Tool Quick Start Manual</p> <p>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.</p>