TOPDON®

Phoenix Lite 3

Compact Outside, Advancements Inside

PRO

Diagnostic Tool

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Phoenix Lite 3

Phoenix Lite 3 is a compact diagnostic scanner designed for automotive professionals, enthusiasts, and small repair shops. Tailored to meet the diverse needs of the automotive industry, Phoenix Lite 3 offers unparalleled functionality and affordability. With features like CAN-FD protocol, online coding, and topology mapping functions, it stands out as the top choice for a wide range of users.

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Specs

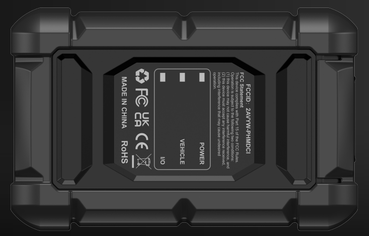
Hardware

CPU 4-Core Processor, 2.0 GHz
Operating System:
Android 10.0
RAM: 2G; ***ROM:*** 64G
Battery: 12600 mAh / 3.8V
Operating Voltage: 9~18V
Storage Temperature: -20°C~60°C (-4°F~140°F)
Working Temperature:0°C~50°C (32°F~122°F)

Parameters

LWH:
258*183*50.5 mm（10.16*7.20*1.99 inch）
Net Weight:
1184.5g (2.61 lb)
Screen Size: LCD 8-Inch, 1280*800

MDCI



Working Temperature:
14°F~122°F (-10°C~50°C)
Operating Voltage: 9~18 V
Working Current: ≦ 150 mAh
Dimension:
5.00*3.22*1.42 inch (127*82*36 mm)
Protocol Supported: CAN-FD

Multilingual Support

25 Languages
English, German, Spanish, French, Italian, Japanese, Portuguese, Russian, Polish, Turkish, Dutch, Hungarian, Chinese (Traditional), Korean, Finnish, Greek, Slovak, Romanian, Arabic, Croatian, Slovenian, Czech, Danish, Norwegian, Thai

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Precision Topology Mapping

Enhancing communication efficiency and troubleshooting accuracy, the Phoenix Lite 3 offers a comprehensive depiction of the vehicle's systems and status. With its clear and detailed layout, it facilitates the understanding of the communication structure between modules, enabling swift problem localization and isolation.

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CAN-FD Protocol Supported

Supporting the cutting-edge CAN-FD protocol, this automobile diagnostic tool is compatible with more modern vehicles (2020-now GM & Chrysler Models).

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FCA Gateway Access

Equipped with support for FCA Secure Gateway, facilitating seamless full diagnostics on more contemporary cars such as Fiat without the need for separate adapters.

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ECU Online Coding

The advanced ECU coding capabilities allows you to unlock hidden functions and disable unnecessary features effectively, optimize engine performance and improve fuel efficiency, ensure seamless work with ECUs and customize the vehicle to meet diverse demands.

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Bi-Directional Control

Enables swift execution of a variety of active tests. This feature allows you to assess component integrity and functionality effectively, facilitating the rapid identification of fault causes for faster and more efficient repairs.

Oil Injector

Windows

Windshield
Wiper

Brake Light

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OE-Level All System Diagnostics

Phoenix Lite 3 offers comprehensive full-system diagnostics for 168 makes and models, providing an in-depth understanding of all vehicle systems. From crucial components like ABS, SRS, Engine, and transmission to essential modules such as ECM, PCM, EPS, PDM, TPM, BCM, and more.

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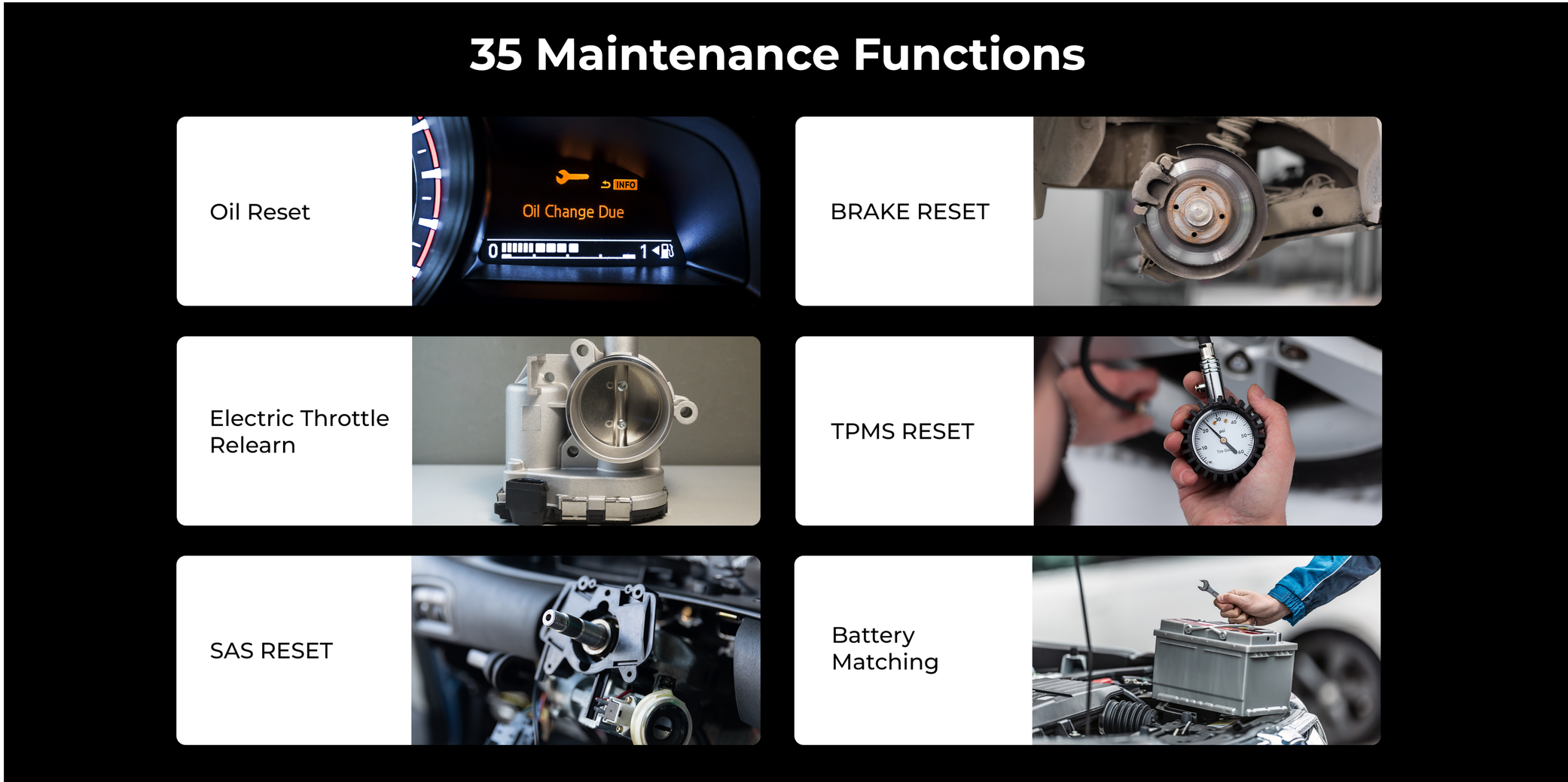
35 Maintenance Functions

A comprehensive coverage of 35 maintenance services to cover essential tasks such as Oil resets, EBP resets, Suspension resets, and more. Additionally, it offers support for specialized functions within specific systems, including Add/Replace Key Fobs, Battery Sensor Module learning, and Tire Pressure Sensors Learning.



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Expanded Add-on Tools

Integrates with add-on modules for extended functionality, offering wide compatibility with TOPDON's professional products. These include BT Mobile Pros, Oscilloscope, TC001, Phoenix ADAS, T-Ninja Box, and more.

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Effortless Diagnostics Anywhere

Wireless diagnostics via VCI empowers flexible operation within the range of Bluetooth connectivity, with the compact body, this diagnostic tool is portable and easy to hold in hand for diagnosing anywhere, saving time and effort.

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User-friendly Operation

AutoVIN reads vehicle information automatically, VAG guide function provides detailed step-by-step guidance eliminating unnecessary operations, and one-click codes reading and clearing for streamlined workflow.

AutoVIN

VAG Guide

One-click Clearing

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Data Reporting and Sharing

Data streams are presented in interpretable graphs for intuitive monitoring, and 4 data streams can be displayed on a single interface for comparison. Detailed diagnostic reports can be generated and shared for data backup.

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Read ECU Information

Live Data Stream

User Feedback

Customized Diagnostic Reports

One-click Software Updates

Share and Print Report

Remote Assistance

Automatically Saved History

Comparison

	Phoenix Lite 3	Phoenix Smart	Phoenix Max
HARDWARE			
CPU	4-Core 2.0GHz	MT6761 Core 4, 2.0GHZ	MT8788，Core 8 , 2.0GHz
RAM	2G	4G	8G
ROM	64G	128G	256G
Battery Capacity	12600mAh / 3.8V	12600mAh / 3.8V	18600mAh / 3.8V
Android Version	Android 10.0	Android 10.0	Android 9.0
Screen Size	8 inch	10.1 inch	13.3 inch
Screen Resolution	1280×800	1280×800	1920x1200
Wi-Fi	2.4 & 5 GHz	2.4 & 5 GHz	2.4 & 5 GHz
Camera	Rear 8.0 Megapixels	Rear 8.0 MP	Rear 13 MP
Weight	1.18kg (2.61 lb)	1.55kg（3.42 lb）	2.92kg（6.44 lb）
SOFTWARE			
Cloud-Based Programming	X	15 Brands(Benz, BMW, Audi, VW, SKODA, SEAT, Porsche, Jaguar, Land Rover, Nissan, Subaru, Renault, KIA, Hyundai,Infiniti)	15 Brands(Benz, BMW, Audi, VW, SKODA, SEAT,Porsche, Jaguar, Land Rover, Nissan, Subaru, Renault, KIA, Hyundai, Infiniti)
Remote Diagnostic	X	X	X
Remote Desktop	√	√	√
Communication	VCI/Bluetooth	MDCI PRO	MDCI PRO
ADAS Compatibility	Phoenix Mobile ADAS	Phoenix Mobile ADAS	Phoenix Mobile ADAS
IMMO Compatibility	T-Ninja Box	T-Ninja Box	T-Ninja Box
Oscilloscope Compatibility	Phoenix Scope	Phoenix Scope	Phoenix Scope
Thermal Imager Compatibility	TC001	TC001	TC001

Comparison

	Phoenix Lite 3	Phoenix Smart	Phoenix Max
Battery Tester Compatibility	BTMobile Pros	BTMobile Pros	BTMobile Pros
FCA Secure Gateway	FCA Official Account Subs Fee	FCA Official Account Subs Fee	FCA Official Account Subs Fee
Auto VIN	√	√	√
Full-System Diagnostic	√	√	√
Daily Maintenance Functions (Only the Commonly Used Special Functions, such as: EPB OLS, BMS, DPF, SAS, TPMS, etc.)	35	41	41
Diagnostic Topology Display	√	√	√
Diagnostic Protocols: D-PDU/J2534/RP1210	X	√	√
Bus Protocols: DoIP/CAN FD	Only CAN FD Supported	√	√
Heavy Duty (Optional)	X	√	√
Software Languages	25 Languages English, German, Spanish, French, Italian, Japanese, Portuguese, Russian,Polish, Turkish, Dutch, Hungarian, Chinese (Traditional), Korean, Finnish， Greek, Slovak, Romanian, Arabic, Croatian, Slovenian, Czech,Danish, Norwegian,Thai.	25 Languages English, German, Spanish, French, Italian, Japanese, Portuguese, Russian,Polish, Turkish, Dutch, Hungarian, Chinese (Traditional), Korean, Finnish、Greek, Slovak, Romanian, Arabic, Croatian, Slovenian, Czech， Danish, Norwegian,Thai.	25 Languages English, German, Spanish, French, Italian, Japanese, Portuguese, Russian, Polish, Turkish, Dutch, Hungarian, Chinese (Traditional), Korean, Greek, Slovak, Romanian, Arabic, Croatian, Slovenian, Finnish,Czech,Danish, Norwegian,Thai

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MDCI Dongle

User Manual

Package List

Battery Clamps/Cable Set

Cigarette Lighter Cable

Fuse (φ5*20mm)

Fuse (φ6*30mm)

Type-C to USB Cable

Power Adaptor

OBDI Adapter BOX Transfer

OBDII Extension Cable

BZ-38 (BENZ)

TA-22 (TOYOTA)

TA-17 (TOYOTA)

G/V-12 (GM/VAZ)

B-20 (BMW)

CR-6 (CHRYSLER)

HA-3 (HONDA)

NN-14+16 (NISSAN)

M/H-12+16 (MITSUBISHI/HYUNDAI)

FT-3 (FIAT)

FAQs

Question

The tablet cannot be turned on after being fully charged.

Answer

Possible Cause: The tablet has been standby for too long, and the battery drains.
Solution: Charge it for over 2 hours before turning it on.

Possible Cause: Problem of the Charger.
Solution:Please contact the dealer or TOPDON after-sale service for timely support.

Question

Why can't register?

Answer

Possible Cause: The tablet isn't connected to a network.
Solution: Make sure the network is stable.

Possible Cause: There is no verification code in the email box.
Solution: Check if the email address is valid and resend the code.

Possible Cause: Server problem.
Solution: Server maintenance. Please try again later.

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Question

There is no power in the MDCI dongle after connecting to the vehicle’s DLC port.

Answer

Possible Cause: Poor contact of the MDCI dongle.
Solution: Unplug the MDCI dongle and then plug it in again.

Possible Cause: Poor contact of vehicle’s DLC port.
Solution: Unplug the MDCI dongle and then plug it in again.

Possible Cause: Voltage of the vehicle battery is too low.
Solution: • Recharge the vehicle battery.
• Replace the vehicle battery if it is damaged.

Possible Cause: A fuse is blown.
Solution: Check the fuse of the OBD module.

FAQs

Question

The tablet cannot establish a connection with the MDCI dongle.

Answer

Possible Cause: Poor contact of the MDCI dongle.
Solution: • Unplug the MDCI dongle and then plug it in again.
• Perform the MDCI Bluetooth pairing again.

Possible Cause: The firmware is damaged.
Solution: Enter the User Info and tap“Fix MDCI Firmware/System”to fix the firmware.

Question

Can I use other chargers to charge the tablet?

Answer

No, please use the original charger provided by TOPDON.
Any damage or economic loss caused by using the improper battery charger will not be our responsibility.

FAQs

Question

How to save the battery power?

Answer

Please switch off the screen while the tablet is idle, or set a short standby time, or reduce the brightness of the screen.

Question

Are there non-standard OBDII adapters in the box?

Answer

Yes.

Question

What does“Communication error with vehicle ECU” mean?

Answer

Please confirm the following cases:
• Whether the diagnostic MDCI dongle is correctly connected.
• Whether the ignition switch is ON. Or send your vehicle’s year, make, model, and VIN data to us via the “Feedback” feature for timely technical assistance.

FAQs

Question

The tablet failed to get access to the vehicle’s ECU system?

Answer

Please confirm the following cases:
- Whether the system is available in the vehicle.
- Whether the MDCI dongle is correctly connected.
- Whether the ignition switch is ON.

Question

The MDCI dongle is missing.

Answer

Please contact the dealer or TOPDON after-sale service for timely support.

FAQs

Question

Diagnostic software error.

Answer

Tap “Feedback” to send specific problems to us for technical support.
Tap the vehicle software icon and hold it to uninstall the corresponding software.
Then enter the upgrade center to download and install a new version.

Question

The downloaded diagnostic software is inconsistent with the serial number.

Answer

The wrong MDCI dongle was selected.
Enter the “User Info” -> “Phoenix MDCI” -> select the correct MDCI dongle.

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