

TOPDON®



Phoenix Lite 3

Compact Outside, Advancements Inside



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)



MDCI

Working Temperature:
14°F~122°F (-10°C~50°C)

Operating Voltage: 9~18 V

Working Current: \leq 150 mA

Dimension:

5.00*3.22*1.42 inch (127*82*36 mm)

Protocol Supported: CAN-FD



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

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



Brief

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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Brief

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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Brief

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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Brief

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.

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Oil Injector



Windows



Windshield
Wiper



Brake Light



Brief

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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Brief

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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35 Maintenance Functions

Oil Reset



BRAKE RESET



Electric Throttle
Relearn



TPMS RESET



SAS RESET



Battery
Matching



Brief

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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Brief

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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Brief

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.

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AutoVIN



VAG Guide



One-click Clearing

Brief

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

Brief

Comparison

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What's In
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| | 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 |

Brief

Comparison

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| | 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. |

Brief



What's In The Box?

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**What's In
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Phoenix Lite 3



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)

Brief



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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.

Features

Functions

Question

Why can't register?

Answer

Possible Cause: The tablet isn't connected to a network.

Solution: Make sure the network is stable.

What's In
The Box?

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.

FAQs

Brief



FAQs

Specs

Question

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

Answer

Features

Possible Cause: Poor contact of the MDCI dongle.

Solution: Unplug the MDCI dongle and then plug it in again.

Functions

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.

Comp Chart

Possible Cause: A fuse is blown.

Solution: Check the fuse of the OBD module.

What's In
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FAQs

Brief



FAQs

Specs

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.

Features

Possible Cause: The firmware is damaged.

Solution: Enter the User Info and tap "Fix MDCI Firmware/System" to fix the firmware.

Functions

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.

Comp Chart

What's In
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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.

Features

Question

Are there non-standard OBDII adapters in the box?

Answer

Yes.

Functions

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.

Comp Chart

What's In
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FAQs

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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.

Features

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Question

The MDCI dongle is missing.

Answer

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

Comp Chart

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FAQs

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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.

Features

Functions

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.

Comp Chart

What's In
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FAQs

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