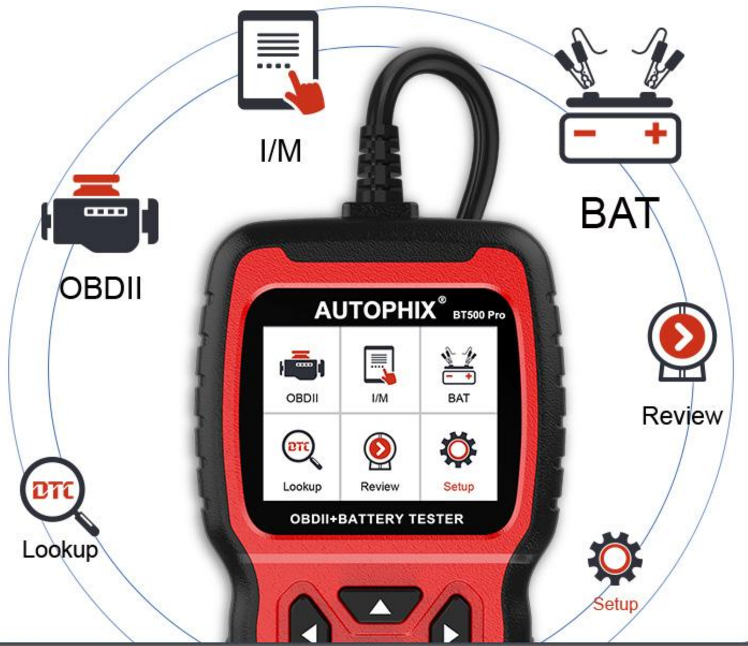
AUTOPHIX BT500 Pro

OBDII+Battery Tester

AUTOPHIX
BT500 Pro
OBDII
I/M
BAT
Lookup
Review
Setup
OBDII+BATTERY TESTER
OK
I/M
ESC

Autophix BT500 Pro is a full-mode OBDII code reader with loading a high-configuration battery test 12V & 24V lead-acid batteries and lithium batteries It covers 4 major functions: Battery Test, Cranking Test, Charging Test and Review Data.


I/M
BAT
OBDII
Review
Lookup
Setup
AUTOPHIX
BT500 Pro
OBDII
I/M
BAT
Lookup
Review
Setup
OBDII+BATTERY TESTER

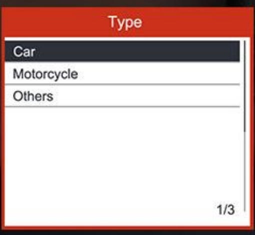
Diagnostic Advantages:

BATTERY TEST

Battery Type

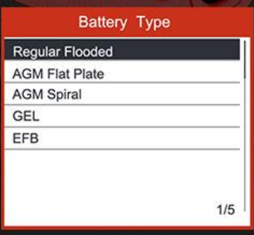
- ☑ Regular Flooded
- ☑ AGM Flat plate
- ☑ AGM Spiral
- ☑ GEL
- ☑ EFB

AUTOPHIX
BT500 Pro
Battery Test
Battery Test
Cranking Test
Charging Test
Review Data
OBDII+BATTERY TESTER
I/M
OK
ESC


Type

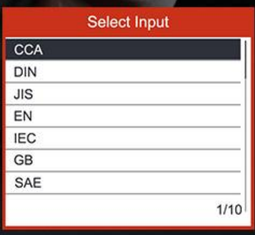
Car
Motorcycle
Others

1/3


Battery Type

Regular Flooded
AGM Flat Plate
AGM Spiral
GEL
EFB

1/5


Select Input

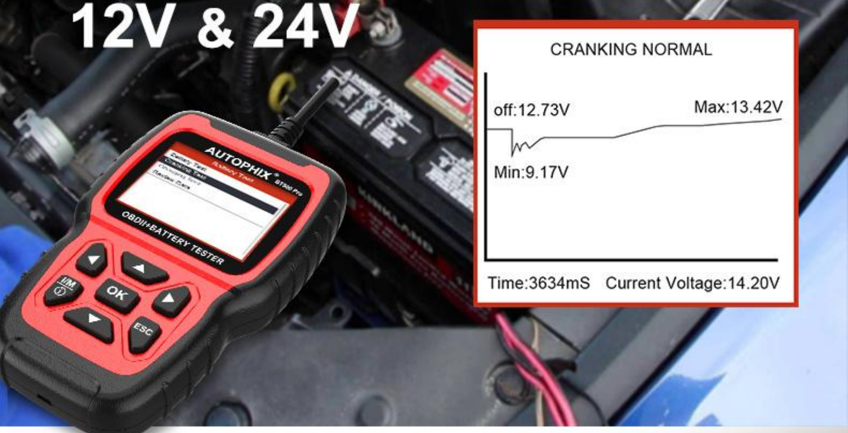
CCA
DIN
JIS
EN
IEC
GB
SAE

1/10

CRANKING TEST

Support Battery

12V & 24V



CRANKING NORMAL

off:12.73V

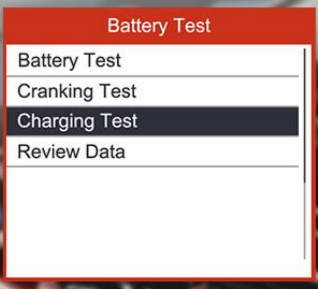
Max:13.42V

Min:9.17V

Time:3634mS Current Voltage:14.20V

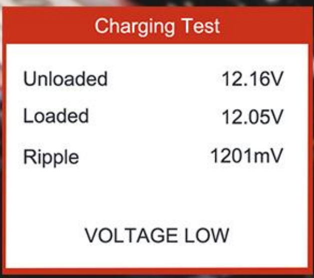
CHARGING TEST

AUTOPHIX BT500 Pro
Ripple Test
TESTING...
OBDII+BATTERY TESTER
OK
ESC
I/M



Battery Test

- Battery Test
- Cranking Test
- Charging Test
- Review Data

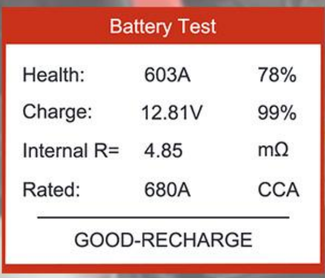


Charging Test

Unloaded	12.16V
Loaded	12.05V
Ripple	1201mV

VOLTAGE LOW

REVIEW DATA



Battery Test

Health:	603A	78%
Charge:	12.81V	99%
Internal R=	4.85	mΩ
Rated:	680A	CCA

GOOD-RECHARGE

AUTOPHIX BT500 Pro
Battery Test
Battery Test
Cranking Test
Charging Test
Review Data
OBDII+BATTERY TESTER
OK
ESC
I/M

OBDII Main Functions

1.Read & clear codes

2.Display I/M readiness status

3.Read live data stream

4.View freeze frame data

5.Display live O2 sensor test data

6.On-board diagnostic monitoring tests

7.Evap system test

8.Retrieve vehicle information(VIN.CIN and CVN)

AUTOPHIX BT500 Pro
OBDII
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OBDII+BATTERY TESTER
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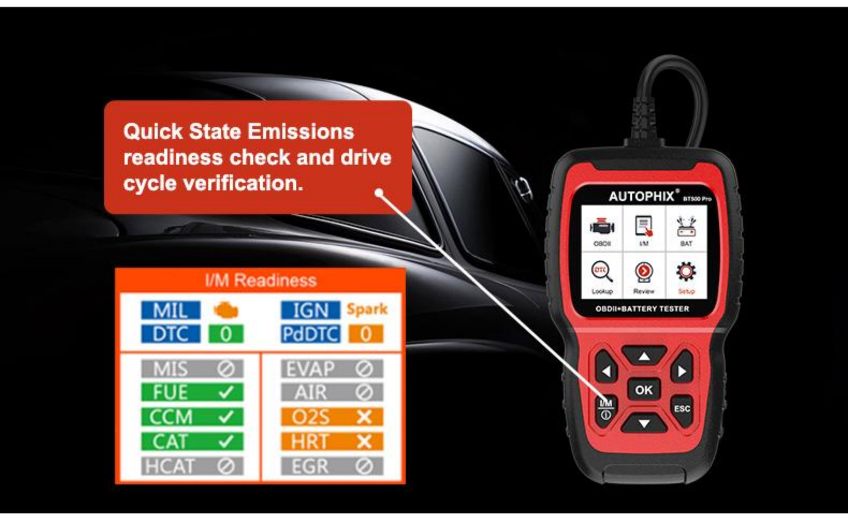
I/M HOT KEY


AUTOPHIX BT500 Pro
OBDII
I/M
BAT
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Review
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OBDII+BATTERY TESTER
OK
ESC
I/M

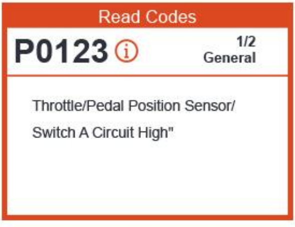
Quick State Emissions readiness check and drive cycle verification.

I/M Readiness

MIL		IGN	Spark
DTC	0	PdDTC	0
MIS	⊘	EVAP	⊘
FUE	✓	AIR	⊘
CCM	✓	O2S	✕
CAT	✓	HRT	✕
HCAT	⊘	EGR	⊘

Help Function ⓘ

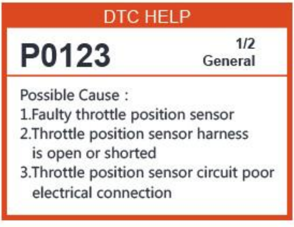
Quickly know the possible causes of error code, which saves time and money to repair:



Read Codes

P0123 ⓘ 1/2 General

Throttle/Pedal Position Sensor/ Switch A Circuit High"



DTC HELP

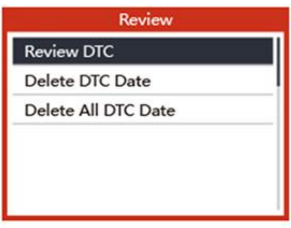
P0123 1/2 General

Possible Cause :
1.Faulty throttle position sensor
2.Throttle position sensor harness is open or shorted
3.Throttle position sensor circuit poor electrical connection

Review

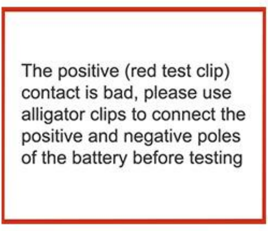
Record and playback DTCs what already appeared.

OBDII
I/M
BAT
Lookup
Review
Setup

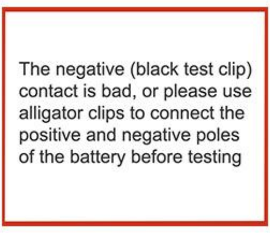

Review
Review DTC
Delete DTC Date
Delete All DTC Date

Relevant characteristics

Relevant characteristics of battery tests
1. Reverse connection protection with polarity. The battery and the instrument will not be damaged.
2. The bad connection option.
If the positive and negative poles of the battery clips are not properly clipped, the following display will appear and the buzzer will be triggered.



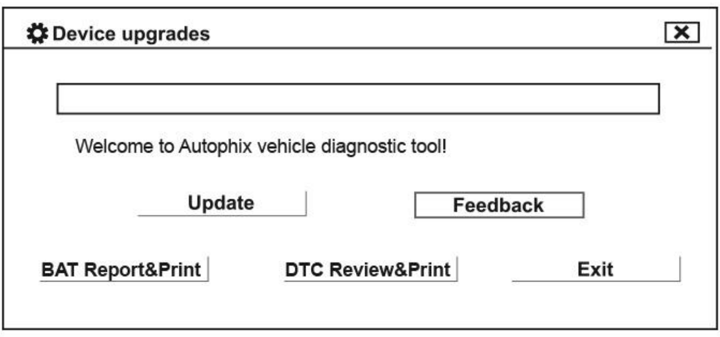
The positive (red test clip) contact is bad, please use alligator clips to connect the positive and negative poles of the battery before testing



The negative (black test clip) contact is bad, or please use alligator clips to connect the positive and negative poles of the battery before testing

Data print

Connect the device to the computer, print out records for both DTC data and Baterry test data.

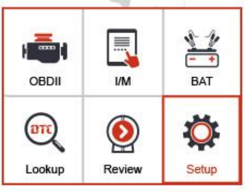

Device upgrades
Update
Feedback
BAT Report&Print
DTC Review&Print
Exit

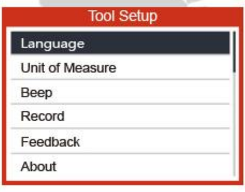
Welcome to Autophix vehicle diagnostic tool!

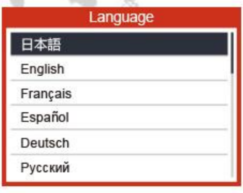
Multi Language Support

Multilingual menu options and code definitions.
Support 16 languages:
Japanese, English, French, Spanish, German, Russian, Italian, Portuguese, Finnish, Polish, Nederlands, Dutch, Czech, Dansk, Norsk, Portuguese(Brazil).

It is global with multi-language menu, choose one language you want.

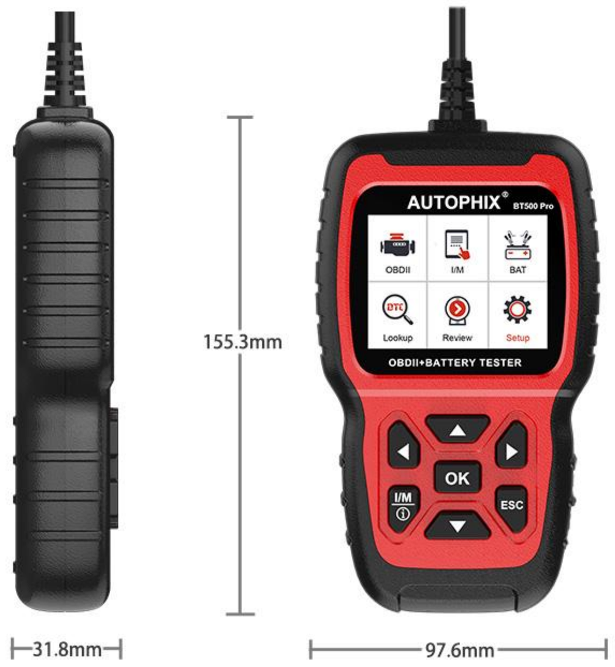

OBDII
I/M
BAT
Lookup
Review
Setup


Tool Setup
Language
Unit of Measure
Beep
Record
Feedback
About

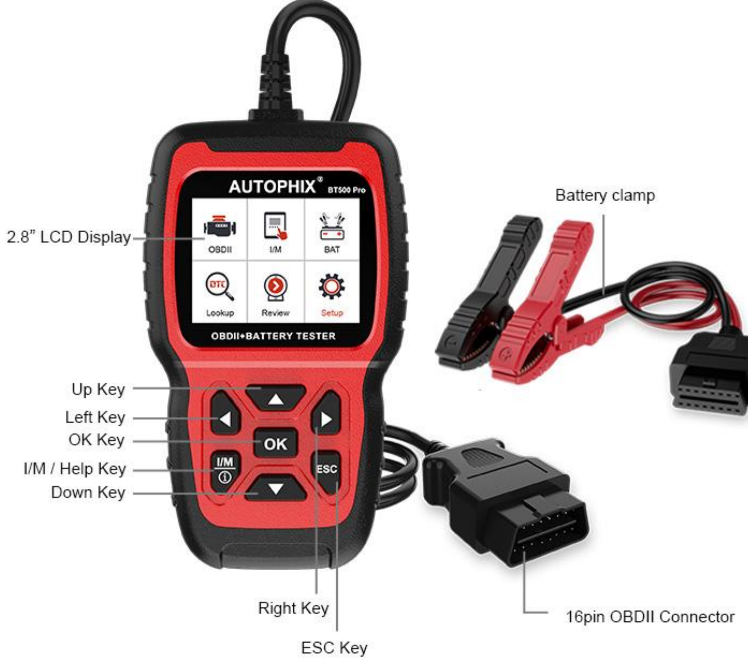

Language
日本語
English
Français
Español
Deutsch
Русский

Product Dimensions

Comparing with other universal scanners, BT500 Pro has the 2.8 inch colour screen, you don't always need turn page when look up the menu or check diagnostic information, it is convenient for users.


155.3mm
31.8mm
97.6mm
AUTOPHIX BT500 Pro
OBDII
I/M
BAT
Lookup
Review
Setup
OBDII+BATTERY TESTER
OK
I/M
ESC

Product Appearance


AUTOPHIX BT500 Pro
2.8" LCD Display
OBDII
I/M
BAT
Lookup
Review
Setup
OBDII+BATTERY TESTER
Battery clamp
Up Key
Left Key
OK Key
I/M / Help Key
Down Key
OK
ESC
Right Key
ESC Key
16pin OBDII Connector

Product packaging

AUTOPHIX BT500 Pro
Battery Test
Cranking Test
Charging Test
Review Data
BT500 Pro

Super Durable

①
②
1
2
AUTOPHIX BT500 Pro
OBDII+BATTERY TESTER

Safety and environmental protection: BT500 Pro adopts environmentally friendly materials and has passed CE, RoHS, FCC, REACH, POPS, SCCP testing.

FC CE
PAHs REACH NPS POPS
SCCP RoHS

BSCI

Business Social Compliance Initiative

Conducts BSCI audit by TUV Rheinland.

Product Specifications

Display	2.8" LCD TFT 262K true color
Operating Temperature	0 to 50℃（32°F to 140°F）
Storage Temperature	-20 to 70℃（-4°F to 158°F）
External Power	6.0 to 30V power provided via vehicle battery
Dimensions	155.30mm*97.60mm*31.80mm