

PRODUCT CATALOG



2024 ISSUE 1



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SMARTLINK
TOOLS



WHICH BI-DIRECTIONAL SCANNER IS RIGHT FOR YOU?

X-431 Throttle III



X-431 Torque Link



X-431 Torque 5



X-431 Turbo III



**FULL SYSTEM | OE-LEVEL COVERAGE | TECH 2 TECH
SMARTLINK REMOTE DIAGNOSIS | SECURITY GATEWAY ACCESS | CODE ASSIST**

X-431 SCAN TOOLS COMPARISON CHART



X-431 Throttle III



X-431 Torque LINK



X-431 Torque 5



X-431 Turbo III

CONFIGURATION

Touch Screen	13.3"/1920x1080 IPS	10.1"/1280*800	10.1"/1280*800	8"/1280*800
Processor	2.0GHz Octa-core	2.0 GHz 4-core	2.0 GHz 4-core	2.0 GHz 4-core
Memory	8GB	4GB	4GB	4GB
Storage	256GB	128GB	128GB	64GB
Camera	Front 8MP, Rear 13MP	Front 5MP, Rear 8MP	Front 5MP, Rear 8MP	Front 5MP, Rear 8MP
Battery	71.1Wh (7.6V, 9360mAh)	47.88Wh (7.6 V, 6300mAh)	47.88Wh (7.6 V, 6300mAh)	47.88Wh (7.6 V, 6300mAh)
VCI Connection	2.4GHz & 5GHz dual Wi-Fi	Bluetooth	Bluetooth	Bluetooth
VCI Adaptor	Smartlink C	Smartlink C	DBSCARIX	DBSCARVII
Adjustable Kickstand	•	•	•	•
Early Model Connector Kits	•	•	•	•
IP65 Waterproof & Dustproof	•			
Quick Charge Technology	•			

FEATURES

Vehicle Coverage	1996-Present Passenger cars Medium & Light Duty Vehicles/ Heavy Duty Vehicles (Optional)	1996-Present Passenger cars Medium & Light Duty Vehicles/ Heavy Duty Vehicles (Optional)	1996-Present Passenger cars Medium & Light Duty Vehicles/ Heavy Duty Vehicles (Optional)	1996-Present Passenger cars Medium & Light Duty Vehicles
Operating System	Android™ 9.0	Android™ 10.0	Android™ 10.0	Android™ 10.0
Full System Diagnosis	•	•	•	•
OBD II Full Function	•	•	•	•
Tech 2 Tech Remote Diagnosis	•	•	•	•
Smartlink Remote Diagnosis	•	•	•	•
Auto VIN Identification	•	•	•	•
Internet Updatable	•	•	•	•
Security Gateway Access	•	•	•	•
Code Assist by IDENTIFIX	•	•	•	•
X-431 FIX by Motor	• (included)	•	•	•
Register TPMS Sensor ID	•	•	•	•
VW & AUDI Guided Function	•	•	•	•
CAN FD	•	•	•	•
DoIP	•	•	• *(Need an adaptor)	• *(Need an adaptor)
J2534/RP1210/D-PDU	•	•		

COMPATIBLE MODULES

X-431 ADAS PRO Plus	•	•	•	•
X-431 ADAS Mobile Plus	•	•	•	•
X-431 ADAS HD	•	•	• *(with HDIII Add-on)	
X-PROG 3 Immobilizer	•	•	•	•
BST360 Battery Tester	•	•	•	•
VSP600 Videoscope	•	•	•	•
HD Add-on Module	•	•	•	
O2-2 Oscilloscope	• (included)	•	•	•
S2-2 Sensorbox	•	•	•	•

ALL IN ONE

Software Subscription: 1 Year Renewal (P/N: 301180865)



FEATURES

- OE-level U.S. vehicle coverage in addition to Asian, European coverage from 1996 and newer.
- Supports New Age Vehicle Network Protocols – CAN/CANFD/DoIP/J2534/D-PDU/ RP1210.
- Guided function for VW & AUDI.
- OE-level Bi-directional functionality.
- TECH 2 TECH remote diagnostics and technician collaboration.
- Supports Smartlink Remote Diagnosis.
- Auto-detect VIN to access vehicle info within seconds.
- Extra software or other products can be purchased throughout Launch Mall.
- OE vehicle approved Security Gateway access by FCA certified.
- Code Assist by **IDENTIFIX**, access most common fixes and repair solutions with corresponding DTC's.
- Supports X-431 Fix repair information, driven by **MOTOR DRIVEN**
- Monitor the vehicle's voltage in real time during live diagnostics.
- Topology module mapping provides a virtual overview of all on board control modules and their communication statuses.
- Pin Detection function allows for pin voltage and data rate status of all pins on the OBD Port.
- Vehicle health report feature gives comprehensive status on all onboard systems of vehicle.
- Quick Charge Technology (Battery Charges Fully in 2.5 to 3 Hours).
- IP65 Waterproof and Dustproof.
- Supports optional extension modules, ADAS calibration, ADAS HD, Immobilizer, Battery Tester, Videoscope, Oscilloscope and Sensorbox (included).

SPECIFICATIONS (SMARTLINK)

- 3.5" touch screen
- 8GB
- 32°F~122°F
- 8.03x4.33x1.77 (in)

SPECIFICATIONS (X-431 THROTTLE III)

- Android™ 9.0
- 2.0GHz Octa-core
- 13.3" touch screen
- 256GB
- Front 8MP, Rear 13MP
- 32°F~122°F
- 8GB
- 12.9x8.7x1.75 (in)



NEW INTELLIGENT VEHICLE DIAGNOSTIC DEVICE

ADVANCED VEHICLE DIAGNOSIS FUNCTIONALITY

Software Subscription: 1 Year Renewal (P/N: 307010011)



The X-431 Torque Link represents a cutting-edge intelligent vehicle diagnostic device built on the Android platform. It is equipped to conduct comprehensive system fault diagnoses, offering features like DTC reading, DTC clearing, and additional functions.

FEATURES

- OE-level U.S. vehicle coverage in addition to Asian, European coverage from 1996 and newer.
- Supports Communication protocols CAN/CANFD/DoIP and automotive communication standards J2534/D-PDU/RP1210.
- OE-level Bi-directional functionality.
- TECH 2 TECH remote diagnostics and technician collaboration.
- Supports Smartlink Remote Diagnosis.
- Auto-detect VIN to access vehicle info within seconds.
- Extra software or other products can be purchased throughout Launch Mall.
- OE vehicle approved Security Gateway access by FCA certified.
- Code Assist by **IDENTIFIX**, access most common fixes and repair solutions with corresponding DTC's.
- Supports X-431 Fix repair information, driven by **MOTOR DRIVEN**
- Monitor the vehicle's voltage in real time during live diagnostics.
- Topology module mapping provides a virtual overview of all on board control modules and their communication statuses.
- Vehicle health report feature gives comprehensive status on all onboard systems of vehicle.
- Supports optional extension modules, ADAS calibration, ADAS HD, Immobilizer, Battery Tester, Videoscope, Oscilloscope and Sensorbox.

SPECIFICATIONS

- Smartlink
- 1280*800
- 128GB
- 4GB
- 47.88Wh (7.6V, 6300mAh)
- Android™ 10.0
- Rear 8MP, Front 5MP
- 10.1"
- 2.0GHz 4-core

ADVANCED VEHICLE DIAGNOSTIC SYSTEM UPGRADED PROFESSIONAL MECHANICAL TOOL

Software Subscription: 1 Year Renewal (P/N: 307010011)



The X-431 Torque 5 is a smart diagnostic scan tool built on the Android platform. It incorporates the latest DBSCARIX Bluetooth diagnostic hardware, offering a trifunctional capability that includes a 2-channel oscilloscope/DMM (Digital Multimeter) and OBD diagnostics. This advanced tool is compatible with CANFD (optional DoIP cable P/N: 2030101742) diagnostic protocols and enables comprehensive full-system diagnosis.

FEATURES

- OE-level U.S. vehicle coverage in addition to Asian, European coverage from 1996 and newer.
- Supports Communication protocols DoIP (need adapter)/CAN/CANFD.
- Guided function for VW & AUDI.
- OE-level Bi-directional functionality.
- TECH 2 TECH remote diagnostics and technician collaboration.
- Auto-detect VIN to access vehicle info within seconds.
- Extra software or other products can be purchased throughout Launch Mall.
- OE vehicle approved Security Gateway access by FCA certified.
- Code Assist by **IDENTIFIX**, access most common fixes and repair solutions with corresponding DTC's.
- Supports X-431 Fix repair information, driven by **MOTOR DRIVEN**
- Monitor the vehicle's voltage in real time during live diagnostics.
- Vehicle health report feature gives comprehensive status on all onboard systems of vehicle.
- Supports optional extension modules, ADAS calibration, ADAS HD, Immobilizer, Battery Tester, Videoscope, Oscilloscope and Sensorbox.
- Integrated 2-channel oscilloscope and multi-meter functions.

SPECIFICATIONS

DBSCARVIX	1280*800	Android™ 10.0	2.0GHz 4-core
4GB	128GB	10.1"	Rear 8MP, Front 5MP
47.88Wh (7.6 V, 6300mAh)			

SMART VEHICLE DIAGNOSTIC SYSTEM FULL-SYSTEM FAULT DIAGNOSIS

Software Subscription: 1 Year Renewal (P/N: 307010011)



The X-431 Turbo III is an intelligent diagnostic system that facilitates complete system diagnosis. Furthermore, it possesses the capability to conduct battery detection and IMMO functions, which can be accessed through an optional add-on module.

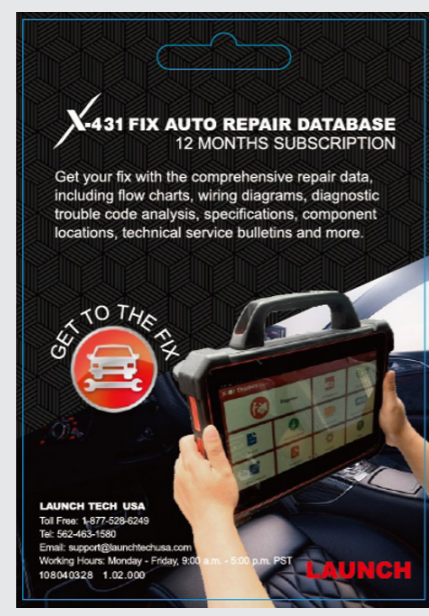
FEATURES

- OE-level U.S. vehicle coverage in addition to Asian, European coverage from 1996 and newer.
- Supports Communication protocols DoIP (need adapter)/CAN/CANFD.
- OE-level Bi-directional functionality.
- Guided function for VW & AUDI.
- TECH 2 TECH remote diagnostics and technician collaboration.
- Auto-detect VIN to access vehicle info within seconds.
- Extra software or other products can be purchased throughout Launch Mall.
- OE vehicle approved Security Gateway access by FCA certified.
- Code Assist by **IDENTIFIX**, access most common fixes and repair solutions with corresponding DTC's.
- Supports X-431 Fix repair information, driven by **MOTOR DRIVEN**
- Monitor the vehicle's voltage in real time during live diagnostics.
- Vehicle health report feature gives comprehensive status on all onboard systems of vehicle.
- Supports optional extension modules, ADAS calibration, Immobilizer, Battery Tester, Videoscope, Oscilloscope and Sensorbox.

SPECIFICATIONS

DBSCARVII	1280*800	64GB	4GB
47.88Wh (7.6V, 6300mAh)	Android™ 10.0	Rear 8MP, Front 5MP	8"
2.0GHz 4 core			

X-431 FIX AUTO SOFTWARE



Throttle III Professional Level scan tool now incorporates X-431 FIX by Motor. This repair and diagnostic reference database is designed to assist technicians during diagnostics by providing information on TSBs (Technical Service Bulletins), flow charts, repair procedures, wiring diagrams, and other manufacturer documents. X-431 FIX is accessible in both Automotive and HD (Heavy Duty) versions.

SUPPORTED PRODUCTS



HEAVY-DUTY COVERAGE SECOND TO NONE IN THE AFTERMARKET

X-431 Torque AutoHD Pro



X-431 Torque HD



Millennium HD ProA



X-431 HD Add On Module



X-431 Smartlink HD Add On



X-431 Fix HD



PROFESSIONAL LEVEL FUNCTIONALITY & COMPLETE VEHICLE COVERAGE



A COMPREHENSIVE AUTOMOTIVE AND HEAVY-DUTY DIAGNOSTIC TOOL

The X-431 Torque AUTOHD PRO serves as a diagnostic solution catering to both Automotive and Commercial Heavy Duty Truck Diagnostics. Its highlighted service and calibration functions contribute to the expansion of the HD truck segment.

NEW HEAVY-DUTY KIT

13 SERVICE FUNCTIONS (HEAVY-DUTY ONLY)

- DPF Regeneration
- Injector Coding
- Reset Service (MIL)
- Maintenance Confirmation
- Injection Quantity Adjustment
- Particulate Filter Replacement Reset
- Reset Pressure Differential Sensor
- Reset Pressure Limiting Valve
- Bleeding The Adblue Circuit
- Trip Reset
- VGT Electronic Actuator Installation and Calibration
- Parked SCR Efficiency Test
- DPF Ash Accumulator Reset

CALIBRATION (HEAVY-DUTY ONLY)

- Idle Speed Adjustment
- Speed Limit
- Cruise Control
- Idle-Stop System
- PTO
- Coolant Level Switch
- Exhaust Brake Valve
- Intake Air Preheating
- Vehicle Speed Controller
- Air Conditioner
- Oil Pressure Sensor
- Electronic Fan
- ABS
- Automatic Transmission

SPECIFICATIONS (TORQUE AUTOHD PRO)

Smartlink	1280*800	128GB	4GB
47.88Wh (7.6V, 6300mAh)	Android™ 10.0	Rear 8MP, Front 5MP	10.1"
2.0GHz 4-core			

FEATURES

- ▶ Optional ADAS calibration application to calibrate LDW, RCW, AVM, NV, BSD and ACC system accurately.
- ▶ Guided VW & AUDI functions
- ▶ OE vehicle approved Security Gateway access by FCA certified.
- ▶ Code Assist by IDENTIFIX, access most common fixes and repair solutions with corresponding DTC's.
- ▶ Monitor the vehicle's voltage in real time during live diagnostics.
- ▶ Integrated with new the powerful hardware X-431 Torque AutoHD Pro tablet, and Smartlink VCI, maximize the ability to faster diagnosis.
- ▶ OE-level U.S. vehicle coverage in addition to Asian, European coverage from 1996 and newer.
- ▶ Read and erase DTCs of light, medium and heavy-duty vehicles [Class 4 through 8].
- ▶ Wireless and wired communicates via Bluetooth and USB.
- ▶ Works on various systems, including Engine, Transmissions, ABS, and Auxiliary from manufacturers such as Wabco, Bendex, and Allison.
- ▶ Supports Cummins, Detroit, Freightliner, Fuso, Hino, International, Isuzu, KW, Peterbilt, Sterling, and Volvo.
- ▶ Multilingual menu and data display: English, Spanish, and French.

SPECIFICATIONS (SMARTLINK C HEAVY-DUTY MODULE)

Display	Wi-Fi	Communication	RAM	Storage	Working Voltage	Dimension
3.95", 320*480	2.4GHz/5GHz	Wi-Fi & Bluetooth & Ethernet	8GB	256GB	9V DC-36V DC	7.88*4.33*1.85

Software Subscription: 1 Year Renewal (P/N: 307010014)

NEW HEAVY-DUTY VEHICLE DIAGNOSTIC KIT
HEAVY-DUTY DIAGNOSTIC TOOL WITH ADVANCED FUNCTIONS

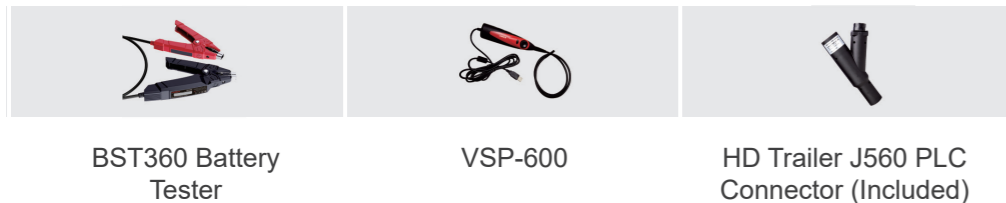
Software Subscription: 1 Year Renewal (P/N: 307010013)



- VIN AUTO-DETECT feature identifies the vehicle application to initialize software platform in seconds.
- Diagnostic functionality allows for reading and clearing DTC's, OE-Level Bi-directional functions, view and monitor live data via graphs, action test, coding, matching and more.
- Tech 2 Tech allows for technicians to remotely collaborate on complex repairs via LAUNCH scan tools or web based platform.
- Real Time Vehicle Voltage feature monitors the vehicles voltage during diagnostics.
- Diagnostic software for HD applications-Cummins, Detroit engine Software, SCANIA, VOLVO, HINO, ISUZU and Mercedes-Benz.
- J560 PLC trailer connector included, allows for ABS indicator check. Supports ABS light test via the driverseat/ ECU protocol.
- Optional Heavy-Duty ADAS calibration allows service shops to enter new revenue streams.
- The LAUNCH Software Mall allows the user to select and purchase modules.

The X-431 Torque HD stands as a robust diagnostic tool for heavy-duty vehicles, offering powerful diagnostic functions and precise test data. It facilitates fault diagnosis through Bluetooth connectivity. The inclusion of professional and advanced features is tailored to enhance and expand your business.

3 NEW ADD-ON MODULES



BST360 Battery Tester

VSP-600

HD Trailer J560 PLC Connector (Included)

SPECIFICATIONS

Smartlink	1280*1200	64GB	4GB
47.88Wh (7.6V, 6300 mAh)	Android™ 10.0	Bluetooth or USB	10.1 Touch Screen
2.0GHz Quad-core	Rear 8MP		

X-431 Automotive Software Added to Torque HD: (P/N: 301190893)

INTELLIGENT AND NETWORKED DIAGNOSTIC TOOL
COMMERCIAL VEHICLE DIY MARKET

NEW!

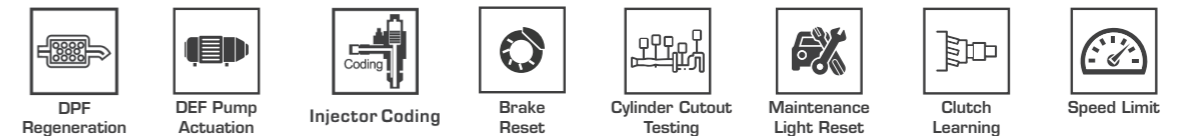


The Millennium HD ProA is a diagnostic tool operating on the Android platform. It boasts the most extensive system functions tailored to fulfill the requirements of the commercial vehicle DIY market, encompassing over 50 vehicle software models.

FEATURES

- Equipped with code reading, code clearing, and data stream reading functions.
- 8 special functions including DPF regeneration, DEF Pump Actuation, maintenance light reset, fuel injector coding, and clutch learning, etc.
- Supports functions such as viewing diagnostic reports, replaying diagnostic records, taking screenshots and sharing.
- Auto VIN detect function identifying vehicle information.
- One-click Software updates via Wi-Fi.

8 SERVICE FUNCTIONS



SPECIFICATIONS

DISPLAY	3.97"
INTERFACE	Standards OBD II interface, Type-C interface
ANDROID VERSION	Android™ 8.1
STORAGE	2+16GB
BATTERY	3000mAh
CPU	1.3G
COMMUNICATION/UPGRADE	WIFI 2.4Ghz (b/g/n)
STORAGE TEMPERATURE	-4°F~158°F
WORKING TEMPERATURE	-14°F~122°F

HEAVY-DUTY PROBLEMS? EASY SOLUTIONS.



VEHICLE COVERAGE

Cummins, Fuso, Hino, Isuzu, Mack, Volvo, Detroit, Paccar, Maxxforce, Caterpillar, Allison, Autocar, Eaton, Haldex, John Deere, Kenworth, Peterbilt, Sterling, Wabco, Scania, UD, etc.

AVAILABLE ON



SMARTLINK HEAVY-DUTY MODULE



FEATURES

- Diagnostic functions include read & clear DTCs for the full system, read data streams, bi-directional controls and actuation test, etc.
- Full comprehensive HD truck diagnostic software functions.
- Commercial Vehicles, Repairing & Diagnostic service and solution Truck, Buses, Construction Vehicles, Agricultural Vehicles, Trailer and Vessels, covering a wide range of vehicles.
- Supports USB, Bluetooth and Wi-Fi connections.
- Strong stability and high speed.
- Various connectors and cables are included to fit different vehicle models.

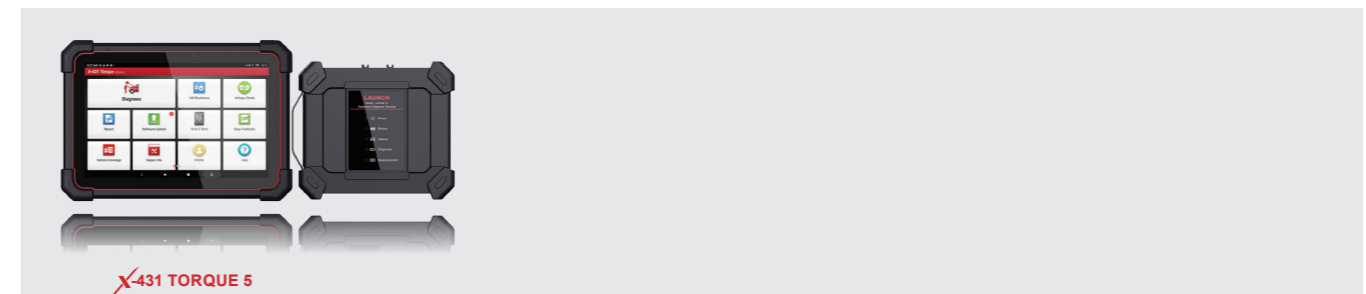
VEHICLE COVERAGE

Bendix, Cummins, Detroit, Doosan, Isuzu HD, Iveco HD, Mack, Man, Mercedes-Benz HD, PSI, Scania, Volvo HD, Wabco, etc.

SPECIFICATIONS

Display	Wi-Fi	Communication	RAM	Storage	Working Voltage	Dimension
3.95", 320*480	2.4GHz/5GHz	Wi-Fi & Bluetooth & Ethernet	8GB	256GB	9V DC-36V DC	7.88*4.33*1.85

AVAILABLE ON



X-431 FIX HD POWERED BY MOTOR DRIVEN



The Truck Service module provides service and repair information for the vehicle industry, excluding International. It encompasses various segments such as Commercial Light Truck & Van, Medium & Heavy Duty, Engine, Trailer, and Various Major Components.

SUPPORTED PRODUCTS



NEW ENERGY VEHICLE MAINTENANCE AND DETECTION *SOLUTION*



**NEW ENERGY VEHICLE
MAINTENANCE AND DETECTION SOLUTION**

EV BATTERY PACK CELL EQUALIZER



The Launch ELB300 Battery Pack Cell Equalizer serves as a diagnostic tool and battery maintenance equipment designed for EV battery technology. It effectively diagnoses issues such as inconsistent cell voltage and variations in individual battery cell capacity. With user-friendly features, the ELB300 is suitable for various applications, including maintenance, battery production, and research and development in the field of new EV/battery enterprises.

FEATURES

- The ability to test and address lithium battery pack with varying voltage levels.
- Lithium Batteries can be activated in the Balanced Maintenance Mode.
- By Testing, Voltage and temperature information allows for protection against overcharging and discharging the lithium batteries.
- The intelligent balancing function enables the individual batteries to be charged uniformly.
- Ability to set abnormal operating parameters such as voltage, current, and temperature to ensure the safety of the batteries and equipment.
- Supports the functions such as overvoltage, undervoltage, overcurrent, output short circuit, anti reverse protection, and overheating protection.
- Adopting wave width modulation technology with higher efficiency, higher power factor, lower noise, and lower electromagnetic interference.
- 7-inch touch screen with a portable design that is user friendly and accessible.
- Built-in memory, supports the automatic storage of operational records.

SPECIFICATIONS

DISPLAY	7" capacitive LCD touch screen, 800*480	THE NUMBER OF CHANNELS	2*12
POWER INPUT	Single phase AC 90~264V, 40~60Hz	CHARGING & DISCHARGING POWER	600W Max
CHARGING & DISCHARGING VOLTAGE RANGE	DC 1.8~4.2V	BATTERY INTERFACE	16 Pin, 24 Pin
VOLTAGE MEASUREMENT ACCURACY	±0.1%FS±2mV (maximum range 5V)	PC DATA COMMUNICATION	TCP/IP, USB-Device
CHARGING & DISCHARGING CURRENT RANGE	0.1~5A (Max)	WIRELESS COMMUNICATION	Wi-Fi and BT (Wi-Fi external antenna)
CURRENT MEASUREMENT ACCURACY	±1%FS±0.05A (maximum range 5A)	CHARGING MODE	Constant current charging + constant voltage charging
BATTERY TEMPERATURE DETECTION ACCURACY	±2°C (-25~+85°C) Charge and discharge temperature range can be set	DISCHARGING MODE	Constant current (constant power, constant resistance discharge can be set)
		PROTECTION FUNCTION	Input overcurrent protection, overvoltage protection, output overcurrent protection, overtemperature protection.

EV BATTERY PACK MODULE CHARGING AND DISCHARGING DEVICE



The ELP400EV Battery Pack Module is a Charging and Discharging device that maintains battery packs to extend the service life and longevity. It features the ability to perform various tests which include discharging, charging, and cycle charging in the maintenance mode. The ELP400EV Battery Pack Module services various lithium batteries such as lithium iron phosphate, lithium ternary, and lithium manganese oxide. Additional capabilities include wireless data transmission and an intelligent based operating system aimed at usability.

FEATURES

- The 7-inch LCD touch screen and the intuitive menu allows for a seamless usability experience.
- Portable and Versatile.
- Services lithium battery packs by testing various voltage levels.
- Ability to test all lithium battery packs with various voltage levels.
- Supports an Intelligent equalizing function and the ability to equalize maintenance parameters.
- Adopts wave width modulation technology, high efficiency, high power factor, low noise, low electromagnetic interference.
- Enables the implementation of various protective measures and alarm configurations for voltage, current, and temperature irregularities to safeguard the battery through balancing.
- Supports the safety protection functions such as overvoltage, undervoltage, overcurrent, output short circuit, anti-reverse protection and protecting against overheating.
- Auto-stop conditions allow for control in the testing mode; to avoid over-charging and over-discharging.
- Customized setting the total charging time, constant voltage time, charging capacity, and charging current.

SPECIFICATIONS

Power Input	AC 90-265V	Electric Box Charging and Discharging Protection	Battery string overcharge and over discharge, battery string temperature is too high protection
Data Communication	CAN RS485	Main Unit Protection	Over temperature, over current, current runaway trigger shutdown protection
Data Dump	U disk	Shutdown Actuator	DC air circuit breaker + release
Module Data Acquisition Communication	Harness sampling	Reverse Connection Protection	Available
Group Voltage Accuracy	≤±0.5%FS+0.3V, resolution: 0.001V	Abnormal Protection	Power failure of power line and main cable
Cell Voltage Accuracy	≤±0.1%FS+5Mv, Resolution: 0.001V	Over-temperature Protection	100°C Resistance box over temperature 85°C; radiator over temperature 100°C
Current Measurement Accuracy	≤±1%FS+0.2A, resolution: 0.1A	Alarm Prompt	LCD prompt+buzzer
Charging/Discharging Voltage Range	DC 2~260V		
Charging Current Range	0~100A, maximum power 4.4kw		
Discharging Current Range	0~100A, maximum power 7.2kw		
Charging Control	Constant current charging + constant voltage charging		
Discharging Mode	Constant current discharging		
Charging and Discharging Data Acquisition	In-camera active measurement + external can communication data acquisition		

EV BATTERY PACK AIRTIGHTNESS TESTER



The ELT500 EV Battery Pack Airtightness Tester is a compression testing device utilized to assess the air compression rate and uphold pressure within the inner cavity/surface of the battery or product. This is crucial for preserving the sealing effectiveness of the battery pack, ensuring it operates efficiently within specified parameters for electric vehicle efficiency. Moreover, the ELT500 EV is suitable for use with motor controllers, voltage distribution boxes, compressors, and other components.

FEATURES

- ▶ The 7-inch LCD touch screen and the intuitive menu allows for a seamless usability experience.
- ▶ High-sensitivity pressure sensing , greatly improving test accuracy and stability.
- ▶ During the testing process the progress of each stage is displayed.
- ▶ Real-time display of pressure dial and display of process pressure curve.
- ▶ Preset test parameters for standard parts allow for usability and convenience.
- ▶ Work piece number volume, pressure, time of each stage, and leakage limit are presettable parameters.
- ▶ When an abnormal test is encountered the sound alarm is set.

SPECIFICATIONS

POWER	20W (Max)
TEST PRESSURE RANGE	0~30Kpa
SENSOR RESOLUTION	1Pa
TEST ACCURACY	±5Pa
COMMUNICATION INTERFACE	RS485/USB
DATA STORAGE METHOD	Internal storage, or data upload to USB drive
POWER SUPPLY	AC 90~265V
AIR SOURCE REQUIREMENTS	0.1~1.0 Mpa dry compressed air
INTAKE PORT/TEST PORT	φ6mm/φ6mm
WORKING TEMPERATURE/HUMIDITY	14~131°F/10%~90% @25°C
DIMENSIONS/WEIGHT	11.03*10.87*14.18(in)/9.93lbs

INTELLIGENT DIGITAL POWER SUPPLY



LAUNCH ELA320 is an intelligent digital power supply for the maintenance of new energy and fuel vehicles. It has stable current output, excellent performance indicators, and a variety of protection mechanisms. It is a digital power supply with high reliability and high efficiency, which is safe and easy to use.

FEATURES

- ▶ It is suitable for the maintenance of new energy vehicles and fuel vehicles, and is used for maintenance testing of electrical components.
- ▶ The high-voltage module and low-voltage modules can be managed, maintained and monitored separately. The power output is protected separately and the high-voltage and low-voltage outputs will not interfere with each other.
- ▶ It has separate protection for input circuit, high-output circuit and low-voltage output circuit, which can detect faults such as undervoltage, overvoltage, overcurrent and short circuit etc.
- ▶ Built-in cooling fan with intelligent temperature control.

SPECIFICATIONS

Power Input	AC 110~240V@16A, 50/60Hz	Low Voltage	Button switch DC12, 24 V voltage, output button switch
High-voltage voltage	DC 250~750V	Display Method	Bluetooth (BLE4.2)
High-voltage current	0~5A	Dimensions	12.4*7.56*7.33 (in)
Low-voltage voltage	DC 12, 24V	Weight	10.7 lbs
Low-voltage current	1A	Working Temperature	14~149°F
Output Voltage Precision	0.1V	Working Environment Humidity	5~95% relative humidity (no condensation)
Output Current Precision	0.1A	Storage Temperature	-40~158°F
High Voltage	Voltage regulation, current regulation, output button switch		

EV INSULATION RESISTANCE TESTER



Insulation testing is essential for identifying the resistance of high voltages in the electrical components of Electric Vehicles (EVs). By conducting insulation tests, one ensures that the EV's electrical components are in optimal condition, adhering to specified parameters for a safe driving experience and efficient EV operation. During Insulation Resistance testing, DC high voltage is transmitted from the E pole to the L pole, generating current between these poles. The resulting insulation resistance is then displayed on the screen through I/V conversion and calculation.

This resistance reflects the leakage current of the insulation material between the live part and the exposed non-live metal part (shell). Different products may employ varying DC high voltage values, such as 500V, 1000V, 2500V, etc., with a minimum safe insulation resistance value being established. If the measured resistance value falls below the designated safe threshold, there is a potential risk of electric shock.

FEATURES

- ES200 is capable of measuring insulation resistance, and also innovatively increases the voltage measurement function.
- Equipped with standard resistance, in comparison measurement mode, the measured resistance value is compared with the standard resistance to ensure the measurement accuracy.
- Three measurement modes: timing measurement, comparison measurement, continuous measurement, and omnidirectional measurement.

SPECIFICATIONS

BATTERY	3150 mAh
DISPLAY	5"
WORKING TEMPERATURE	32~122°F
DIMENSIONS	7.09*6.85*2.58 (in)
WEIGHT	3.75 lbs

ACCURATE & SAFE & STABLE



SIMPLE AND SAFE
Non-contact OC testing can detect when power is on.



FAST AND ACCURATE
Ultra-high sampling frequency combined with a noise reduction algorithm enables rapid and accurate measurement.



COMPACT AND PORTABLE
Ergonomic design, portable, and easy to use.



DATA STABILITY
Immune to EMI and provides stable and reliable measurement data.

EG100 is a current clamp for the detection of electric vehicles. It needs to be used with Launch scanners for data display side use. The current clamp has small volume, high accuracy and stable performance, and supports AC/DC current test and DC voltage test.

FEATURES

DC Voltage/Current Testing

- Tailored for Electric Vehicles (EVs) with the capability for concurrent measurement of both current and voltage.
- Supports measurement range selection.
- Supports real-time test value digital display.
- Supports maximum, minimum, and peak-to-peak value display.
- Record and playback the measurement waveform.

AC Current Test

- Display AC Lower current data.
- Supports measurement range selection.
- Supports real-time test value digital display.
- Supports maximum, minimum, and peak-to-peak value display.
- Record and playback the measurement waveform.

SPECIFICATIONS

Test Mode	Clamp CT, non-contact measurement
Battery	9V dry battery
Phase Error	≤3°(AC 50Hz/60Hz, 73.4°F ± 3.6°F)
Frequency Response	DC-50kHz
Accuracy	±3%FS (73.4°F ± 9°F, < 75%rh)
Jaw Size	cp16mm x 18mm (outer diameter of clampable wire)
Input Measuring Range	0-200AAC/DC

Resolution	1mA AC/DC
Output Gear	10mV/A (0-20 A), 100 mV/A(0-200 A)
Working Current	500mA
Working Temperature	32-122°F
Zero Adjustment	The ZERO button can be used for zero adjustment to eliminate the interference of geomagnetic field and external electric field
Dimension	10.95*2.8*1.46 (in)



Software Subscription: EV Diagnostic Add-On Kit 1 Year Renewal (P/N: 301181127)

LAUNCH New Energy Battery Pack Diagnostic Upgrade Kit comes with battery pack testing cables for various vehicle brands. The battery pack diagnostic software and some diagnostic software for new energy vehicles can be activated and downloaded with the included activation card.

FEATURES

- Supports various battery pack diagnostic methods including non-standard battery pack connector, jumper cables and 16 PIN OBD.
- Quick reading for battery pack information, such as the number of battery pack modules, SOC, SOH, temperature, single cell's, voltage and temperature of each module, etc., which will help technicians know about the battery status.
- Battery pack data steaming helps to locate issues accurately and improve repairing efficiency.
- Battery pack diagnostic report can be printed and shared via email.

NEW ENERGY VEHICLES COVERAGE

VW, BMW, MERCEDES, AUDI, TESLA, TOYOTA, HONDA, FORD, LEXUS, MAZDA, KIA, LAND ROVER, JAGUAR, INFINITI, VOLVO, PORSCHE, etc.

BATTERY PACK COVERAGE

PANASONIC, SAMSUNG SDI, SK INNOVATION, CATL (Contemporary Amperex Technology), etc.

ALL-NEW TPMS SOLUTIONS



TSAP-5



TSAP-3



LTR Sensor

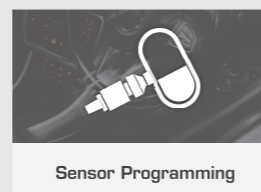
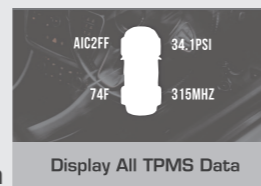
ACTIVATE, READ, RELEARN & PROGRAMMING
 STAND-ALONE | TPMS TECH | DIAGNOSE WITH ACCURACY

TSAP-5 Wi-Fi UPDATABLE & TOUCHSCREEN

NEW!



- ▶ Touchscreen Interface
- ▶ Make, Model, Year lookup via VIN scan
- ▶ Activates all OEM sensors, displays all sensor data
- ▶ Worldwide vehicle coverage, always up to date
- ▶ Ability to reset vehicles via both manual and OBD II relearn
- ▶ Programs all leading aftermarket sensor brands
- ▶ Provides TPMS relearn procedures on-screen
- ▶ Indicates OE sensor and service kit part numbers
- ▶ Displays TPMS data for up to 7 tires in one screen
- ▶ Supports Placard Adjustment
- ▶ Wi-Fi Updating
- ▶ DOT Manual Recording
- ▶ Read/Clear TPMS DTC Codes
- ▶ Tire Tread Depth Functionality (Accessory Sold Separately)

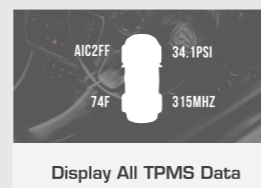


The **TSAP-5** is an all-new comprehensive, touchscreen TPMS tool. The TSAP-5 is designed for the everyday technician looking to perform service right the first time, every time. Some of the features include Reading/Clearing TPMS DTC's, DOT Recording, 100% OEM sensor diagnostic coverage, 90% OBD II coverage, Vehicle VIN scanning and more.

TSAP-3 (P/N: 302020529) TPMS DIAGNOSTIC



- ▶ Display all TPMS sensor data on screen
- ▶ Program over 20 aftermarket sensors
- ▶ Update wirelessly via Wi-Fi
- ▶ Activates both 315 & 433 MHz sensors
- ▶ Perform 200 + manual & OBD II relearns
- ▶ Install & service TPMS retrofit kits
- ▶ Service motorcycles & dually vehicles
- ▶ Lookup TPMS sensor part numbers
- ▶ Test/diagnose vehicle keyfob



The **TSAP-3** is the ideal TPMS tool for DIY'ers, technicians and front counter workers. The tool is designed to activate, read and service major OEM and aftermarket sensors. It is capable of updating wirelessly via Wi-Fi, allowing the newest TPMS sensors to be added to the tool.

SPECIFICATIONS

	TSAP-3	TSAP-5
TOUCHSCREEN INTERFACE	No	Yes
Y/M/M VIN SCAN LOOKUP	No	Yes
Wi-Fi UPDATABLE	Yes	Yes
READ/CLEAR TPMS DTC CODES	No	Yes
TIRE TREAD DEPTH FUNCTIONALITY	No	Yes
DOT RECORDING	No	Yes



FEATURES

- ▶ Compatible with over 95% of OE manufacturers
- ▶ Compatible with OE sensors of 315MHz/433MHz
- ▶ Over-the-air wireless programming
- ▶ Battery life of 4 to 6 years
- ▶ Unlimited number of reprogramming for LAUNCH sensors

LAUNCH UNIVERSAL & PROGRAMMABLE TPMS SENSOR



Rubber/Metal



Cover 98% vehicle TPMS application



315MHz/433MHz



Battery life of 4 to 6 years



Able to be programmed an **unlimited** number of times

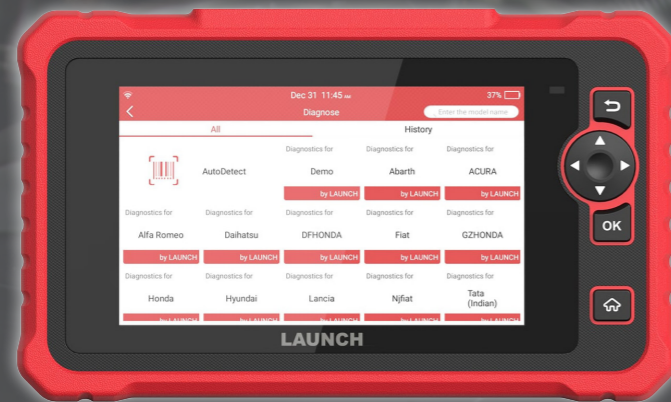


0.1mm accuracy

SPECIFICATIONS

433MHz/315MHz	3.0V	5-8 dBm	1.7oz (rubber)
-40°F~257°F	2x0.94x1.70 (in)	IP67	1.49oz (metal)

FROM DIY'ers TO MASTER TECHNICIANS



Millennium Max



Millennium Master 2.0



Millennium OBD



Millennium 30

ANY BUDGET | SERVICE TOOL | 10 OBD II MODES

MILLENNIUM MAX P/N: 301050707

NEW ANDROID BASE SCAN TOOL ADVANCED SERVICE FUNCTIONS & COMPLETE OBD DIAGNOSTICS

Software Subscription: 1 Year Renewal (P/N: 307010230)



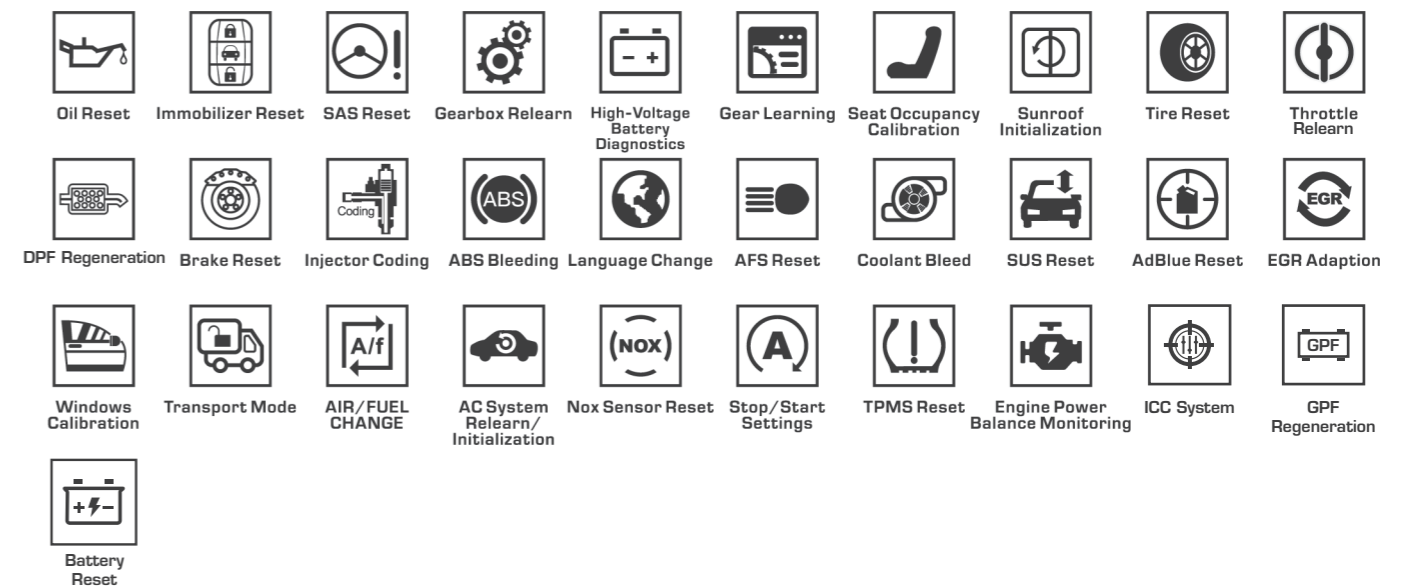
Adjustable Kickstand

CAN FD & DOIP SUPPORTED

- ▶ 7-inch touch screen for smooth operating and data reading
- ▶ Supports 10 OBD II/ EOBD diagnostics
- ▶ Supports 31 advanced special functions
- ▶ Auto Detect VIN to access vehicle info within seconds
- ▶ Updatable software via Wi-Fi
- ▶ One click to generate the diagnostic report and upload
- ▶ Multiple languages supported

The Millennium Max is a new Android™ based scan tool, featuring 31 service functions and 10 OBD II diagnostic. It is a remarkable tool designed for DIY'ers and technicians.

31 ADVANCED SERVICE FUNCTIONS



SPECIFICATIONS

7" touchscreen	9V-18V	Android™ 10.0	32GB
3GB	Lithium Battery	9.89x5.8x1.4 (in)	<1.44lbs

POPULAR DIY TOOLS FOR YEARS

NEW!

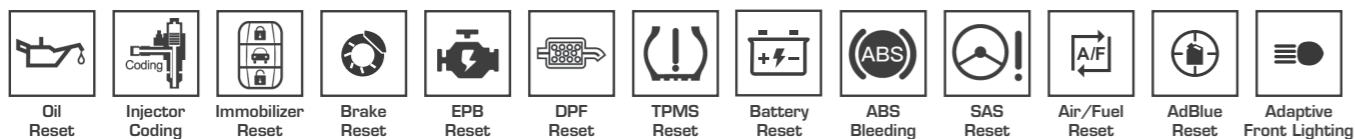


The Millennium 2.0 stands as a sophisticated tool designed for both professional and DIY technicians, offering comprehensive vehicle diagnosis and repair capabilities. It can identify and clear trouble codes while providing live data insights for advanced systems such as ABS, SRS, transmission, and engine in most vehicles manufactured from 1996 onwards. It also supports a multilingual menu.

FEATURES

- Compatible with 1996 and newer vehicles, light truck, or hybrid manufactured vehicles (OBD II & CAN).
- Read and erase DTCs, view live data of engine system, AT, SRS, and ABS.
- Supports OBD II 9 test modes.
- One-click software upgrade via Wi-Fi.
- Automatically identify vehicle VINs.
- Upload diagnostic report to the cloud.
- Functions include Oil Maintenance Reset, Electric Throttle Relearn, Steering Angle Reset.

13 SERVICE FUNCTIONS



DISPLAY	5" color screen
INPUT VOLTAGE	9V~18V
INTERFACE	Standard 16 PINs OBD II
MEMORY	2GB
STORAGE	16GB
WEIGHT	<1.23lbs
MULTILINGUAL MENU	10
DIMENSION	8.98*1*1.36 (in)

BEST CHOICE OR ENTRY-LEVEL TECHNICIANS

NEW!



The newest Millennium OBD is an entry-level and plug and play tool that will help you detect the vehicle's problems in a cost effective way.

FEATURES

- Look up the definition of diagnostic trouble codes (DTCs).
- Graph live data of multiple sensors displayed.
- Features freeze frame data to do fast and accurate repairs.
- Features I/M Readiness function with one click key.
- View vehicle information to check VIN and its condition.
- No batteries required and powered by OBD II port.

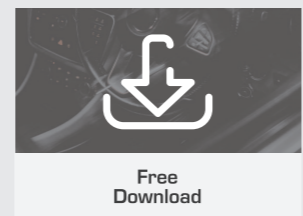
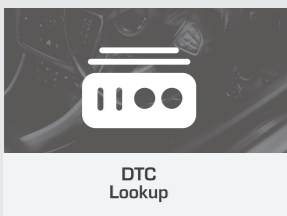
SUPPORTS 9 OBD II TEST MODES

Read Codes, Erase Codes, Live Data, On-board Monitor Test, O2 Sensor Test, I/M Readiness, View Freeze Frame, View Vehicle Information, EVAP System Test.

SPECIFICATIONS

DISPLAY	2.8" LCD
INPUT VOLTAGE	9~18V
WORKING TEMPERATURE	14°F~122°F
STORAGE TEMPERATURE	-4°F~158°F
STORAGE	15MB

COLOR DISPLAY AUTO CODE READER
ENTRY-LEVEL & USER-FRIENDLY



Millennium 30 is an easy-to-plug tool to read and erase engine light DTCs. It is simple but features most of OBD II functions and perfect for those in a low budget.

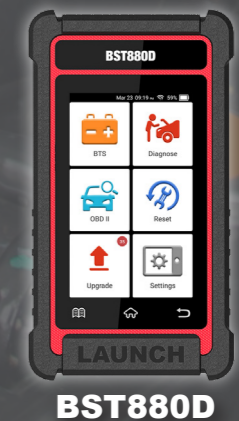
FEATURES

- Read & Erase DTCs
- Freeze frame data
- Monitor OBD II I/M Readiness
- DTC lookup
- O2 Sensor & EVAP System tests
- Supports OBD II & CAN protocols
- Free software downloads by internet
- OE-level U.S. vehicle coverage as well as Asian
- European coverage from 1996 and newer

SPECIFICATIONS

- 1.7"
- 4.65x2.68x0.87 (in)
- 32°F~122°F
- 9V-18V

EASY-TO-USE INSPECTION EQUIPMENT



STAND-ALONE | BATTERY TESTER

NEW CODE READER AND BATTERY TEST TOOL
LIFETIME FREE SOFTWARE UPDATE THROUGH WI-FI



- Automatically identify vehicle VINs.
- Full OBD II functionalities are supported.
- Diagnostic report review and share are supported.
- One-click software upgrade via Wi-Fi.
- The battery test voltage ranges from 10V to 16V.
- Supports Battery Test Report Review and Share (Email).
- 9 foreign language are supported: English, Spanish, French, German, Russian, Portuguese, Japanese, Italian and Korean.
- Supports 6 modes on battery test, including Battery Health State Test, Voltage Test, Ripple Detection, Starting System Test and Charging System Test.
- Supports Lead-acid, GEL, AGM battery types and Electric Current Test.
- Supports 10 International Measurement Standards, including CCA, BCI, CA, MCA, JIS, DIN, IEC, EN, SAE, GB.

The LAUNCH BST-880D is a new Android based battery system tester, featuring full OBD II functionalities and automatic VIN identifying. Additionally, it has a portable design with 4.0" display.

6 SERVICE FUNCTIONS CAPABILITY

Battery Reset	ABS Bleeding	Oil Reset	Brake Reset	Electronic Throttle Relearn	TPMS Reset

SPECIFICATIONS

Android™ 4.0	4.0", 480*800	1GB	6.26x3.46x1.46 (in)
16GB	10V - 16V	32°F~122°F	

NEW DIY TOOL WITH BATTERY TEST
LIFETIME FREE SOFTWARE UPDATE



The LAUNCH DIY tool BST-580D supports full OBD II functionalities and has a compact design with 2.8" display. It is designed for the battery test voltage ranging from 10V to 16V.

FEATURES

- Full OBD II functionalities are supported.
- I/M Quick Scan, DTC Lookup & Definition via physical shortcut on the 2.8" screen.
- The battery test voltage ranges from 10V to 16V.
- Battery test report review is supported.
- 7 foreign languages are supported, including English, Spanish, French, German, Russian, Portuguese, and Japanese.
- Supports 6 modes on battery test, including Battery Health State Test, Voltage Test, Ripple Detection, Starting System Test, Charging System Test, and Electric Current Test.
- Supports Lead-acid, GEL, and AGM battery types.
- Supports 10 International Measurement Standards, including CCA, BCI, CA, MCA, JIS, DIN, IEC, EN, SAE, GB.

SPECIFICATIONS

2.8", 320*240	10V - 16V	32°F~122°F
16MB	3MB	7.1x4.1x1.2 (in)

BATTERY TESTER

BATTERY TESTER

NEW !

NEW !



The LAUNCH plug-to-play battery tester BST-860S is designed for many battery-powered vehicles such as cars, boats, motorcycles, and more. It can quickly detect the complete battery system and generate and print the health report within 3 seconds.

The LAUNCH plug-to-play battery tester BST-560S is designed for many battery powered vehicles such as cars, boats, motorcycles and more. It's a compact handheld design with LCD display.

FEATURES

FEATURES

- International measurement standards supported include CCA, BCI, CA, MCA, JIS, DIN, IEC, EN, SAE, GB.
- 6 battery & electrical test functions supported include Ripple Detection, Battery Test, Electric Current Test, Starter Test, Charging System Test and Voltage Test.
- Generate the health report within 3 seconds intuitively display all data on the color screen.
- The reports to be printed anytime by built-in thermal printer or scan QR to view on the mobile phone.
- Available to the batch inspection of battery by testing continuously and repeatedly.
- Applicable vehicles include car, motorcycles, lawnmowers, and other gardening machines, Group 31, commercial vehicles 4D/8D.
- Applicable battery types, include 12V (Regular Flooded, Gel battery, AGM battery, EFB battery and lithium battery).
- Applicable 12V/24V vehicle's Starter Test and Charging System Test.
- Safety always comes first. No heating, no discharge, no spark and no operating risks.
- Multi-language supported.

- International measurement standards supported include CCA, BCI, CA, MCA, JIS, DIN, IEC, EN, SAE, GB.
- 6 battery & electrical test functions supported include Ripple Detection, Battery Test, Electric Current Test, Starter Test, Charging System Test and Voltage Test.
- Generate the health report within 3 seconds intuitively display all data on the color screen.
- Added QR scan function to review the report on the mobile phone.
- Available to the batch inspection of battery by testing continuously and repeatedly.
- Applicable vehicles include car, motorcycles, lawnmowers, and other gardening machines, Group 31, commercial vehicles 4D/8D.
- Applicable battery types, include 12V (Regular Flooded, Gel battery, AGM battery, EFB battery and lithium battery).
- Applicable 12V vehicle's Starter Test and Rectifier Diode Test.
- Safety always comes first. No heating, no discharge, no spark and no operating risks.
- Multi-language supported.

SPECIFICATIONS

	BST-860S
DISPLAY	2.4" TFT LCD display with backlight
WORKING TEMPERATURE	-0.4~140°F
TEST CABLE	25.98 irreplaceable test cable
DIMENSION	7.68*3.94*1.58 (in)
WEIGHT	11.12oz

SPECIFICATIONS

	BST-560S
DISPLAY	2.4" TFT LCD display with backlight
WORKING TEMPERATURE	-0.4~140°F
TEST CABLE	25.98 irreplaceable test cable
DIMENSION	6.11*3.35*1.26 (in)
WEIGHT	11.12oz

TURN YOUR SCAN TOOL INTO BATTERY TEST FUNCTIONALITY
 BLUETOOTH ENABLED & PORTABLE



The BST360 accomplishes Charging System Diagnostics (Battery Testing, Alternator Testing and Starter Testing). The BST360 is Bluetooth and can be paired with any X-431 Professional Scan tool in addition to the BST360 Application on iOS and Android mobile devices.

FEATURES

- ▶ **INTERNATIONAL MEASUREMENT STANDARDS:** CCA, JIS, GB, SAE, MCA, CA, DIN, IEC, EN, BCI
- ▶ **3S QUICK DETECT:** Generate the health report within 3 seconds and intuitively display all data on the smart device
- ▶ **DATA TRANSMISSION:** The test data can be exported and downloaded via smartphone and diagnostic tools
- ▶ **SAFETY:** No heating, no discharge, no spark, no operating risks
- ▶ **VARIETY BATTERY & ELECTRICAL TEST FUNCTIONS:** Ripple detection, battery test, starter test, charging system test, electric current and voltage test
- ▶ **BATTERY TYPES:** 6V and 12V (Lead-acid battery, gel battery, and AGM battery)
- ▶ **COMPATIBLE:** Work on X-431 Throttle III, X-431 Throttle, X-431 Torque III, X-431 Torque, X-431 Turbo, X-431 PAD II AE, Millennium Max



SPECIFICATIONS				
Operating System	Android 4.0			
Display Screen	4.0" Touchscreen, 480*800	2.8", 320*240	2.4" TFT LCD with Backlight	
RAM	1 GB	3 MB		
Storage	16 GB	16 MB		
Work Temperature	32~122°F, 0~50°C		0~140°F, -18~60°C	

FEATURES					
Battery Type	Lead-acid, Gel, AGM		Lead-acid, Gel, AGM, EFB, Lithium		Lead-acid, Gel, AGM
Battery Standard	CCA, BCI, CA, MCA, JIS, DIN, IEG, EN, SAE, GB				
Battery Voltage Range	10V" 16V		12V, 24V		12V
Work Mode	Standalone	Standalone	Standalone	Standalone	with X-431 Diagnostic Tool or Mobile APP
System Supported	Engine, AT, SRS, ABS				
Reset Functions	Oil Reset, Brake Reset, ABS Bleeding, TPMS Reset, Throttle Relearn, Batter Reset				
AutoVIN	•				
Full OBD II Functionalities	•	•			
I/M Quick Scan	•	•			
DTC Lookup & Definition	•	•			
Ripple Detection	•	•	•	•	•
Battery Test	•	•	•	•	•
Electric Current Test	•	•	•	•	•
Starter Test	•	•	•	•	•
Charging System Test	•	•	•	•	•
Voltage Test	•	•	•	•	•
3-second Health Report			•	•	•
Share Report	•	•	•	•	•
Print	•	•	• (Built-in)	•	•
Multilingual	•	•	•	•	
Lifetime FREE Software Update	•	•			

SHOP EQUIPMENT



X-881 Pro Professional Mobile 3D Wheel Aligner



VSP-600



VSP-828



TIT-202 Pro



CNC-605A



CNC-603A



PFP-150

VSP-828 ENDOSCOPE ROTATING LENS P/N: 307050069

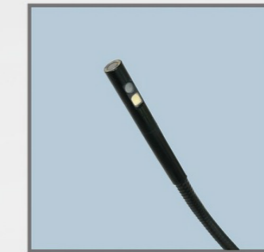
PORTABLE VIDEOSCOPE



**180° LENS ROTATION
IN 2 DIRECTIONS!**



1. Rotating Lens Version
(180° rotation in two directions)



2. Dual-Lens Version
(Switch between front and side)



2. Standard Version
(Single direction)

The VSP-828 videoscope is designed for accessing narrow, curved spaces like evaporation boxes, combustion chambers, and three-way catalytic sensors. It captures vivid, clear, and multi-angle videos and images, transferring them to a computer or smartphone display via a data cable for versatile inspections. Three versions with varying lens tubes are available for your choice.

FEATURES

- ▶ Choice of three lenses
- ▶ 4GB built-in storage on mainboard
- ▶ Supports for external TF cards up to 32GB
- ▶ Picture taking and audio/video supported
- ▶ 1280*720 HD Resolution
- ▶ Flashlight assist function
- ▶ 3 times magnification can be achieved
- ▶ 4-level brightness LED light for adjustment
- ▶ Rotate static image in 4 directions
- ▶ Switch the image between color and black-and-white
- ▶ High temperature alarm function
- ▶ Scan QR code to download the software

SPECIFICATIONS

Lens	Image Sensor	1/9" CMOS720PHD	Display Screen	TFT display screen
	Frame Rate	30	Display Pixels	1280*720
	Diameter	6 mm (6 mm single lens tube/dual lens tube/rotating lens tube available)	Power Supply	Built-in 18650 Lithium battery, 3.7V
	Best Imaging Distance	1.18 in - 3.15 in	TF Card Storage	32GB (optional)
	Flexible Camera Cable	3.28 ft (9.84 ft or 16.4 ft can be customized)		

TURN X-431 SCAN TOOL INTO VIDEOSCOPE FUNCTIONALITY
 COMPATIBLE | AFFORDABLE | SIMPLE



VSP-600 helps technicians to check issues on the unreachable areas in a vehicle. With six levels of light strength, technicians can easily adjust brightness according to the environment. It works with LAUNCH X-431 scanners or any Android device and streams live video on it. Technicians can view, record, save images and videos.

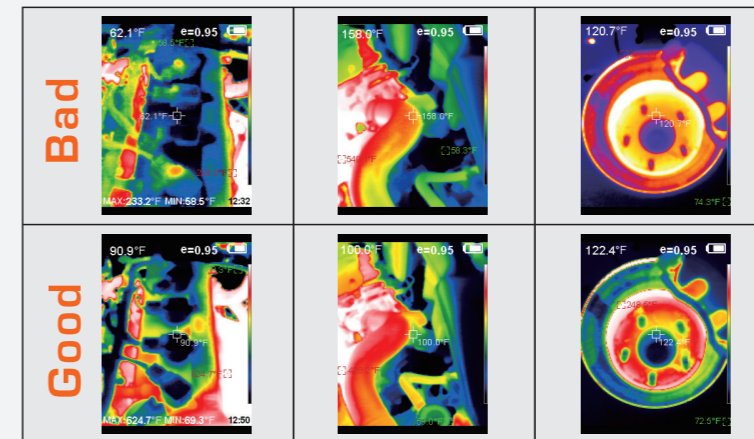
FEATURES

- View, record and save images and videos.
- Take pictures easily with the one-click snapshot button.
- Easy to adjust the strength of lights (6 levels).
- View and save images/videos on Launch X-431 scanner.
- Vehicle systems include engine, gears, compressors, headers and valves, body components, etc.
- Thin 0.22 in diameter of the LEN O.D. that can reach most inner structures of vehicles.
- Without extensive disassembly of the components.
- The cable length is 2M enough to better help examine the potential damage inside of the vehicles.
- Scan QR code to download the software.

SPECIFICATIONS

LEN O.D.	0.22 in
TUBE O.D.	0.19 in
TUBE LENGTH	31.5 in
SENSOR SIZE	1/9"
RESOLUTION	1280*720
OPERATING TEMPERATURE	32°F~149°F
POWER SUPPLY	5V
USB PORT	USB 2.0 Type C/Micro USB

ADVANCED INFRARED TECHNOLOGY
 OPTIMAL INFRARED DIAGNOSIS



Built-in Database, assist to analyse the problems of vehicle efficiently and effectively. Visually show good or bad status of the vehicle.



The TIT-202 thermal imager takes new infrared technology to detect the vehicle's various systems, like the Powertrain & Exhaust, Body & Electrical, Chassis & Brakes and more. The built-in database assists the mechanic in analyzing and monitoring status in real time.

FEATURES

- Capture 240 x 320 resolution image to detect the vehicle parts
- Easily reveal the problem vehicle systems include engine fault, body air tightness, exhaust pipe, brake system, body heating, bearing system, electrical device and more.
- Built-in database comes with hundreds of reference images in the daily diagnosis
- Record the IR images, up to 20,000

SPECIFICATIONS

3.5" 240x320	JPG	20,000 pictures	Rainbow, iron red, cool color, black & white, white & black
-4°F~1022°F	300,000 pixels	220x160	Micro USB 2.0
12.35oz	8.81x2.95x4.01 (in)		

PROGRAMMING FLASH POWER WITH 4 CHARGING MODES

NEW!



The PFP-150 Programming Flash Power is a must tool for vehicle diagnosis. It can prevent failure and abnormalities during the programming process due to low voltage. The applied synchronous rectification improves the efficiency of rectification.

FEATURES

- 6 Protection Modes: Reverse Protection, Short Circuit Protection, Low Voltage Protection, Overheat Protection, Overcharge Protection, Synchronous Rectification.
- Normal Mode: Select the charging mode according to the position of vehicle battery (inside or outside).
- Exhibit Mode: For continual charge with low current in showrooms.
- Programming Mode: Provide a stable voltage source for the car in need of programming or decoding, ranging from 12V or 16V.
- Hidden Repair Mode: Indicate whether the battery should be repaired or not. Work with various batteries, such as AGM Battery, GEL Battery, and Lithium Battery.

APPLICABLE VEHICLES



SPECIFICATIONS

ITEM	PFP-150
INPUT VOLTAGE	110V/220V
POWER	1800 W
MAX. CURRENT	150 A
CHARGING VOLTAGE	12 V
PROGRAMMING MODE	12-14.8V/2-150A
MAH	10-1800Ah
DIMENSION	17.33*16.15*5.52 (in)
ELECTRIC CABLE LENGTH	9.84 ft
WEIGHT	19.84 lbs

INJECTOR CLEANER & TESTER



SUITABLE FOR THE MULTIPLE FUEL INJECTOR TYPES (GDI, EFI, SFI, ...)

POWERFUL ULTRASONIC CLEANING

SIMULATION CONDITION TEST

AUTOMATIC OIL DISCHARGE CONTROL

The CNC-605A is a newly released ultrasonic cleaner and tester for car injectors such as GDI, EFI, SFI, etc. It features advanced cleaning technology, is capable of cleaning and testing the injectors by simulating the engine condition.

FEATURES

- **ULTRASONIC CLEANING**
Completely remove the carbon deposit on the fuel injection nozzle.
- **UNIFORMITY AND SPRAY ABILITY TEST**
- **SEALING TEST:**
Test the sealing and leakage of the fuel injection nozzle under a certain pressure.
- **INJECTION VOLUME TEST:**
Test the injection volume of the nozzle. Make the nozzle continually spray for a certain time.
- **NO DISASSEMBLY NEEDED (FOR EFI & SFI):**
EFI & SFI cleaning without disassembling the nozzle.
- **AUTOMATIC MODE:**
Automatically test the fuel injection nozzle through the present program.

SPECIFICATIONS

POWER SUPPLY	AC110V/AC220V, 50Hz/60Hz
MAIN ENGINE POWER	350 W
ULTRASONIC POWER	60 W
FUEL PRESSURE	0.1~10 bar
AIR INLET PRESSURE	5-8 bar
RPM	100~990 rpm Step: 100 rpm
PW	0.5~25.0 rpm Step: ms
TIMER RANGE	1~30 minutes
OPERATING VOLUME	3000 ml

2 IN 1 AUTOMATIC INJECTOR CLEANER & TESTER

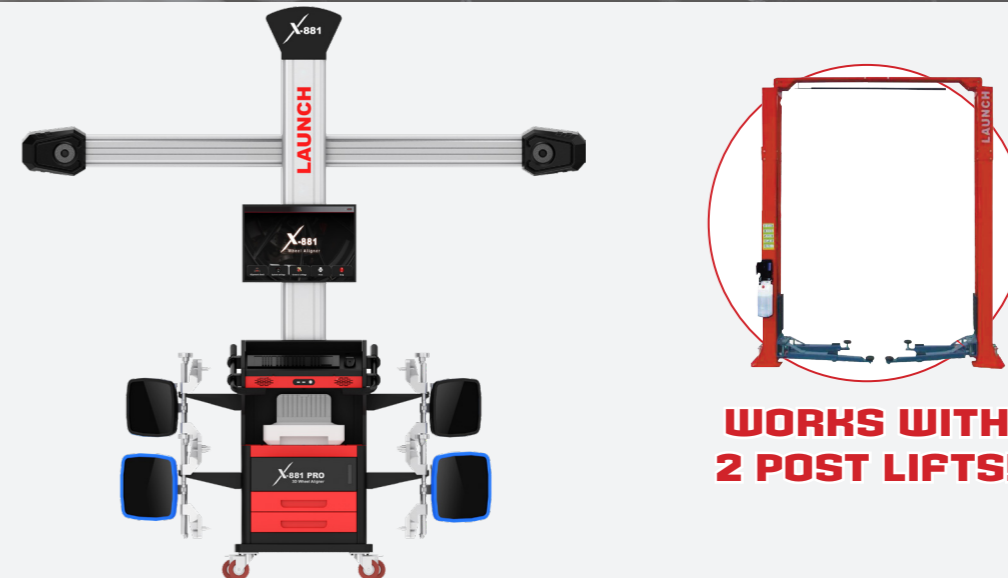


The CNC-603A is an advanced electromechanical integration product that combines ultrasonic cleaning technology with microprocessor hydraulic control cleaning detection technology.

SPECIFICATIONS

POWER SUPPLY	AC110V-127V, 50Hz/60Hz, 3Amax; AC220V-230V, 50Hz/60Hz, 1.5Amax
INPUT POWER	300 W
CLEANING POWER	100 W
RANGE OF ROTATION	10~9990 rpm (step length: 10 rpm)
TIME LIMIT	1~9999s
PULSE WIDTH RANGE	0.5~25 ms (step length: 0.1 ms)
ENVIRONMENT TEMPERATURE	32°F~113°F
RELATIVE HUMIDITY	85%
STRENGTH OF EXTERNAL MAGNETIC FIELD	400A/m
OPERATING VOLUME	3000 ml

PROFESSIONAL MOBILE 3D WHEEL ALIGNER



The LAUNCH X-881 Pro represents a professional mobile 3D wheel aligner featuring a user-friendly interface interacting with two intelligent imaging cameras. Its innovative software is adaptable to 2 post lifts and various other lift types. The intelligent dynamics of this groundbreaking software capture and store the initial measurements of the loaded suspension of the vehicle on the ground.

FEATURES

- Automatic VIN decoder
- Wireless VIN scanner included
- Supports for external TF cards up to 32GB
- OEM solution for automotive repair information
- Remote tech support; Wi-Fi enabled
- 5 Gbps transmission bandwidth
- USB 3.0 Interface
- Includes 2 Years of software updates
- 5MP camera for extended size vehicles
- Adjustable monitor height on beam
- HP Printer included
- Seamless operational software
- Mobile aligner
- Dust cover included
- Hand-held extra screen (optional)

SPECIFICATIONS

POWER AC 110/220 V 50/60 Hz	WHEEL BASE 4000 mm Accuracy: ±2 mm	Customizable Database 60GB
OPERATING SYSTEM 64-bit Windows 10	CASTER ±20° Accuracy: ±0.03°	MONITOR 32" color monitor
PROCESSOR Intel Series	RETRACTION ANGLE ±5° Accuracy: ±0.03°	RIM DIAMETER 10 - 24 inch
MEMORY 2GB	THRUST ANGLE ±10° Accuracy: ±0.01°	WHEEL TRACK 2000 mm Accuracy: ±2 mm

IMMO PRODUCTS



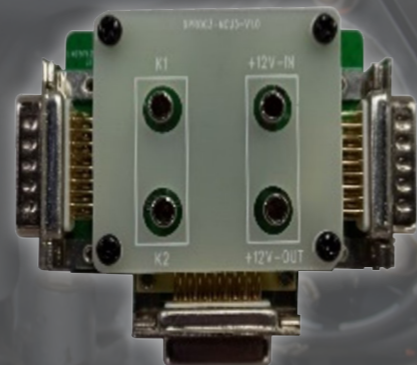
X-PROG 3



X-PROG 3 PC ADAPTOR



IMMO PROGRAMMER SIMULATION KEY



MCU V3 ADAPTOR KITS



KEY PROGRAMMER + KEY* KIT



X-431 ECU MODULE CLONING EQUIPMENT OVERSEAS CONFIGURATION

IMMO ADD-ON P/N: 307010302

IMMO ADD-ON CONTENTS:	ERP Code
KEY PROGRAMMER + KEY*4 KIT	307110149
X-431 ECU MODULE CLONING EQUIPMENT	307010282
IMMO PROGRAMMER SIMULATION KEY	307140430
MCU V3 ADAPTOR KITS	307140131

X-PROG 3 (307010102)



Name	Description
Vehicle Key Slot	To place car key for RF defection
DB26	Used to connect to each anti-theft cables
Infrared slot for Benz Key	Used to place the Mercedes Benz infrared key to perform the key matching function
Key IC hole	Used to place the key chip to perform the key matching function
Status Indicator	Power supply indicator lamp
DIY slot	Used to connect the anti-theft ECU pin through the cable to read and write data
Locker	To tighten loose EEPROM board
DC 12V	Used to connect to the DC12 power supply
DB15	To connect with vehicle's DLC
EEPROM Slot	To insert EEPROM board

Interface	DB26, DB15
Input Voltage	DC 12V
Input Current	500mA
Working Temperature	0-50°C
Storage Temperature	-20-70°C

X-PROG 3 PC ADAPTOR P/N: 307110093



- ▶ Work with X-PROG 3 as an adaptor..
- ▶ The Windows software has only clone function; .
- ▶ Windows based UI and powerful search function.
- ▶ Fast read/write in Windows (about 3 - 5 times of Android).
- ▶ Easier files copy and data comparison in Windows.
- ▶ Supports data verification which Android doesn't support.
- ▶ Supports BENCH and BOOT mode Read/Write.

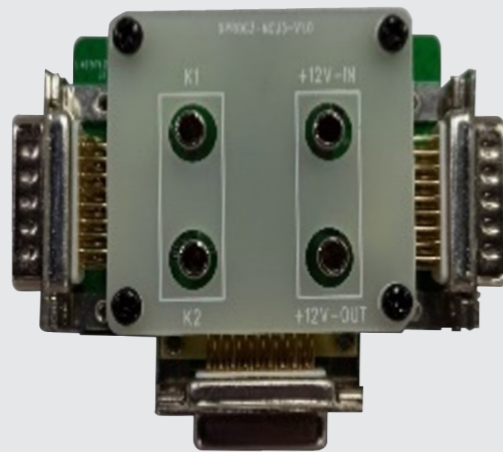
IMMO Add-On also includes: Toyota H Mechanical Keys All Lost CH-01 Cable & Full IMMO software.
Software Subscription: E-PIN CARD [IMMO Diagnosis Add-On Kit] 1 Year Renewal (P/N: 301181184)

IMMO PROGRAMMER SIMULATION KEY
ANTI-THEFT PROGRAMMER ANALOG P/N: 307140130
 ANALOG KEY (OPTIONAL)



All keys lost of Toyota, Lexus, Scion, etc.

MCU V3 ADAPTOR KITS
ANTI-THEFT PROGRAMMER MCU3 P/N: 307140131
 ADAPTER BOARD KIT (OPTIONAL)



1. For the ECU cloning function, you can use the MCU V3 (with built-in resistance and power supply) instead, which is convenient for connection.
2. All keys lost of Mercedes Benz.

IMMO Add-On also includes: Toyota H Mechanical Keys All Lost CH-01 Cable & Full IMMO software.



UNIVERSAL REMOTE KEYS* 4

LS4-NISN-01

USAGE SCENARIO

LS intelligent key is only compatible with vehicle models equipped with the Kessy system; its functions include keyless starting and door edge sensing.

FUNCTION

1. Wireless programming
2. Equipped with anti-theft chip
3. Uses the button cell 2032
4. Circuit board with a 2-year warranty
5. Repeatable writing
6. Batteries need to be installed while generating
7. Supports vehicles with 46,47, MQB48, MQB49, 4A chips

LK3-VOLWG-02

USAGE SCENARIO

LK remote is applied in the situations where the remote needs to be matched but the chip is not needed, or it can also be used with super chip.

FUNCTION

1. Wireless programming
2. Not equipped with an anti-theft chip, needs to be used with an anti-theft chip
3. Uses the button cell 2032
4. Circuit board with a 2-year warranty
5. Repeatable writing
6. Batteries cannot be installed while generating

SUPER CHIP



USAGE SCENARIO

Compatible with chips of most car models for conversion. It can also be matched for vehicle starting.

FUNCTION

Supports 8A, 8C, 8E, 4C, 4D, 4E, 48, 7935, 7936, 7938, 7939, 11/12/13

LN3-PUGOT-01

USAGE SCENARIO

Certain chips in LN remote can't generate all vehicle models, it's needed to check whether the type of chip can Supports the vehicle model, the chip is integrated into the remote.

FUNCTION

1. Wireless programming
2. Equipped with anti-theft chip
3. Uses the button cell 2032
4. Circuit board with a 2-year warranty
5. Repeatable writing
6. Batteries need to be installed while generating
7. Supports vehicles with aa, 12,13, 7936,7937, 7947, 7946 chips

LE4-FRD-01

USAGE SCENARIO

LE remote contains chip and remote, the multimode chip can generate most of the vehicle models and cover the majority of them.

FUNCTION

1. Wireless programming
2. Equipped with a multimode chip
3. Uses the button cell 2032
4. Circuit board with a 2-year warranty
5. Repeatable writing
6. Batteries need to be installed while generating



ECUs Data Reading & Writing Quickly

- Supports two methods to read various vehicle brand ECUs info.
- Supports Read the chip ID and Back up the EEPROM data.
- Supports Back up the FLASH data and Restore EEPROM/FLASH data.

Supports Data Processing, anti-theft shutdown and file verification.

Current adapter accessories

- X-PROG 3 Adapter Cable 1 (DQ200XX)
- X-PROG 3 Adapter Cable 2 (VL381)
- X-PROG 3 Adapter Cable 3 (DQ380)
- X-PROG 3 Adapter Cable 4 (DQ250)
- X-PROG 3 Adapter Cable 5 (DL501)
- X-PROG 3 Adapter Cable 6 (DL382)
- X-PROG 3 Adapter Cable 7 (VGS-NAG3)
- X-PROG 3 Adapter Cable 8 (VGS2-FDCTNGS-FDCT)
- X-PROG 3 Adapter Cable 9 (VGS3-NAG2)
- X-PROG 3 Adapter Cable 10 (BHP_VI(BMW/LR)/BHP_V2/8HP_V3)
- X-PROG 3 Adapter Cable 11 (MPS6)
- X-PROG 3 Adapter Cable 12 (DPS6)
- X-PROG 3 Adapter Cable Main Line (ML)

ECUS SUPPORTED LISTS

ECU Name	ECU Type	ECU Brand
EDC16XX	ECM	Bosch
EDC17XX	ECM	Bosch
MD1CSXXX	ECM	Bosch
MD1CPXXX	ECM	Bosch
ME17.X.X	ECM	Bosch
MED17.X.X	ECM	Bosch
MED9.X.X	ECM	Bosch
MEV17.X.X	ECM	Bosch
MEVD17.X.X	ECM	Bosch
MG1CSXXX	ECM	Bosch
MG1CPXXX	ECM	Bosch
MSDXX	ECM	CONTINENTAL/SIEMENS
MSVXX	ECM	CONTINENTAL/SIEMENS
SDIX	ECM	Continental
GM EXX/TXX	ECM	DELCO
SIM271XX	ECM	Continental
SIMOS12.X	ECM	Continental
SIMOS8.X	ECM	Continental

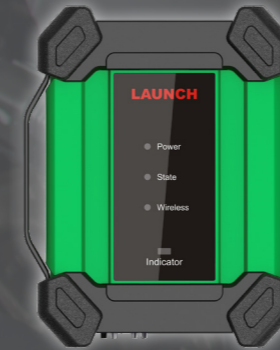
ECU Name	ECU Type	ECU Brand
SIMOS-PCR2.X	ECM	Continental
6HPXX	TCM	ZF
8HPXX	TCM	ZF
7DCT300	TCM	ZF
9G Tronic	TCM	Bosch
ALXXX	TCM	ZF
TCXX	TCM	Bosch
DPS6/DC4	TCM	GETRAG
DKG	TCM	GETRAG
DLXXX	TCM	Temic
DQXXX	TCM	Temic
MPS6	TCM	GETRAG
SPS6	TCM	GETRAG
VGSX	TCM	GETRAG
VL381	TCM	Temic
GM 6TXX/6LXX	TCM	DELCO
MEDG17.9.8	TCM	Bosch
MEG17.9.2	TCM	Bosch



S2-2



O2-2



EM 101N



J560 PLC Trailer Connector

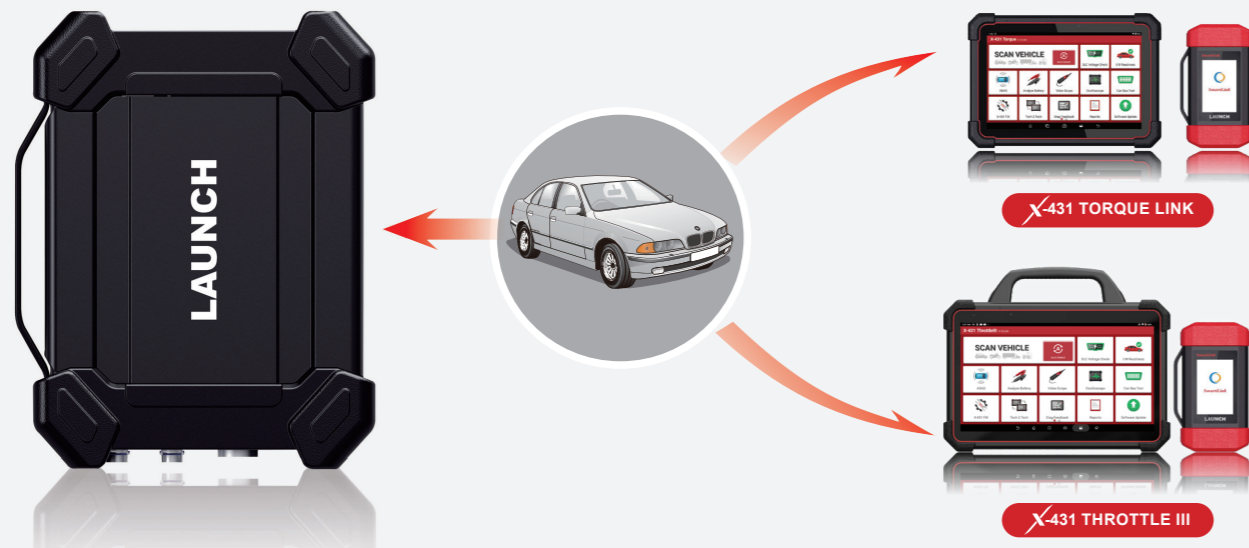


DoIP Cable



Motorcycle Connectors

INCREASE PROFITS BY BOOSTING DIAGNOSTIC POWER



LAUNCH's S2-2 Sensorbox is designed to simulate and test most vehicle sensors, quickly troubleshooting the ECU. In order to maximize the repair shop's revenue, it can be compatible with LAUNCH X-431 Pro Line scanners.

FEATURES

- ECU Troubleshooting and Diagnostics
- It supports manual write the waveform data.
- Simulate working condition of sensors without replacing parts.
 - Throttle & Pedal Sensor
 - Airflow meters
 - Oxygen Sensor
 - Temperature Sensor
 - EGR sensor
 - Injectors sensor
- Be used as a Multimeter to measure resistance, voltage AC/DC, capacitance, frequency and pulse signals, etc.
- Simulate some special working condition of sensors without replacing parts.
 - Crank
 - Cam sensors inductive and hall
 - ...
- One click to enter the intuitive menu of Sensor, Actuator, Defined/drawn the waveform, Timing waveform, Multimeter, System settings. (works with scanner)

SPECIFICATIONS

NUMBER OF CHANNELS	2	FREQUENCY SIMULATION	Support
VOLTAGE SIMULATION RANGE	0-20V	MULTIMETER	Support
MAX. OUTPUT CURRENT	20mA	OPERATING TEMPERATURE	32°F~122°F
SQUARE WAVE SIGNAL PULSE FREQUENCY	0-15KHz	STORAGE TEMPERATURE	-22°F~158°F
SQUARE WAVE SIGNAL DUTY CYCLE	0-100%	CERTIFICATE	CE, FCC, RoHS
DCV SIMULATION	Support		

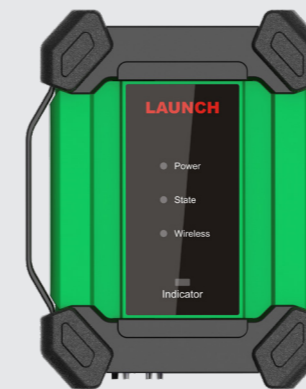
O2-2 FOUR CHANNEL OSCILLOSCOPE P/N: 301180894
COMPLEX ELECTRICAL FAULTS SOLVED



- ECU Troubleshooting and Diagnostics.
- One Key Enable Function.
- QWERTY Keyboard Input Supported.
- Up to 50M Buffer Memory.
- Self-calibration.
- Automotive Tests (Circuits/Sensors/Actuators/Ignition...).
- X-431 Pro Scanners Compatible.

Featuring a new design and upgraded hardware, the LAUNCH O2-2 Oscilloscope is a versatile, easy-to-use module that detects high level faults on various electrical components such as: sensors, actuators and circuits. By integrating with X-431 series scan tools via O2-2 application, the O-2 delivers accurate and conclusive diagnostic faults that enable the shop and technician to enlarge its scan tool functionality.

EM101N DUAL-CHANNEL OSCILLOSCOPE P/N:301180889



- Works with X-431 diagnostic tool.
- Wireless/Wire connection with X-431 diagnostic tool.
- New UI Design with Three Display Modes.
- Needle Sets, Multimeter Pens, Alligator, Clips and Oscilloscope Channel Test Leads included.
- Automatic measurements include Peak-to-peak value, Average value, Maximum value, Minimum value, Top value, Bottom value, Frequency, Period, etc.

The detection and maintenance of the power system is important for vehicles. By viewing the waveform diagram of the device, the maintenance progress can be improved. It integrates the functions of a multimeter and a dual-channel oscilloscope, which can be used for two purposes. The brand-new diagnostic APP is user-friendly, easy to use, and convenient, supporting the function of saving and opening waveforms locally.

SPECIFICATIONS

	EM101N DUAL-CHANNEL OSCILLOSCOPE	O2-2 FOUR CHANNEL OSCILLOSCOPE
CHANNELS	2	4
BANDWIDTH	10MHz	100MHz
VERTICAL RESOLUTION	8 bits	8 bits
STORAGE DEPTH	1MB	50MB
TRIGGER TYPE	Edge, Pulse width	Edge, Pulse width
TRIGGER MODE	Auto, Normal, Single	Auto, Normal, Single SEQ
COMPATIBILITY	X-431 EV MAX	X-431 Pro Scanners

No.	Name	Picture
1	BNC to 4 mm Test Leads	<p>Test lead of a male BNC connector to (2) 4mm connectors. It is a kind of special line for assisting the Oscilloscope to test various types of signals. 4mm connectors are coded in two colors: black (earth wire) and red (positive pole which should be connected with the 6-way Breakout Leads). Moreover, it can also work with the 20:1 Attenuator.</p> 
2	6-way Breakout Leads	<p>With these 6-way leads, you will be able to test most of the sensors and actuators on all makes and models of vehicle, including MAP, temperature, throttle position and airflow sensors, fuel pumps, primary ignition circuits and fuel injectors.</p> 
3	USB Cable	<p>Connects the Oscilloscope and diagnostic tool so that the sampled signal can be displayed on the diagnostic tool.</p> 
4	Battery Clamps Cable	<p>To supply power to the Oscilloscope through connection to vehicle's battery.</p> 
5	20:1 Attenuator	<p>It allows the Oscilloscope to measure fuel injector and primary ignition waveforms. *Note: Please note this attenuator should be not used for any high voltage measurements other than fuel injectors and primary ignition.</p> 
6	Secondary Ignition Pick-up	<p>This ignition pick-up is applied in the following situations: Secondary-distributor ignition analysis, Secondary-simultaneous ignition analysis and Secondary-direct ignition analysis.</p> 
7	COP (Coil-on-Plug) Extension Cord	<p>Coil-on-Plug extension cord (including earth cord) allows you to take accurate secondary ignition measurements on secondary-direct (Coil-on-Plug) ignition systems. It can be applied in the condition that there are no, or limited access to any spark plug leads.</p> 
8	Multimeter Probes	
9	Crocodile Clips	<p>Designed to connect the bare terminals or leads.</p> 
10	Back Probe Pins Suite	<p>They are mainly used for piercing the insulation of wires to allow for automotive electrical measurements without causing damage to the wires. Additionally they can be used as pin-tip probes while working with small circuit boards.</p> 

HD TRAILER J560 PLC CONNECTOR P/N: 203010713



- **PLUG-IN AND GO**
- **NON-CONDUCTIVE PLASTIC**
- **WEATHER-RESISTANT**
- **7+9 PIN TRAILER CONNECTOR**
- **WORKS WITH LAUNCH HD SOFTWARE**

The J560 PLC Trailer is a new standard HD trailer connector which extends X-431 scan tool to cover the heavy-duty trailer.

DOIP CABLE P/N: 203010742



Currently supports models such as BMW, Mercedes Benz, Land Rover, Lingke, and Volvo.

MOTORCYCLE CONNECTORS

NEW!



HONDA-4 YAMAHA KAWASAKI-4+6 SUZUKI-4+6 HD-4 HD-6 BMW 10PIN DUCATI 4PIN EURO5 6PIN

MOTORCYCLE DIAGNOSTIC CONNECTOR PACKAGE CONTENTS:

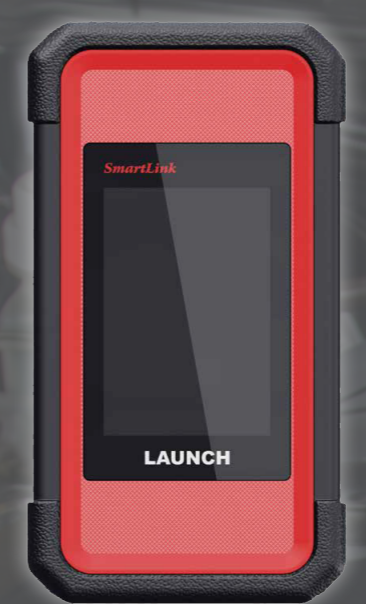
No.	Part	Part Name	Quantity
1	Diagnostic Connector	Honda motorcycle 4PIN diagnostic connector, RoHS	1
2		Yamaha motorcycle-4+3+3+1+1 diagnostic cable, RoHS	1
3		Kawasaki motorcycle 4+6PIN diagnostic connector, RoHS	1
4		Suzuki motorcycle 4+6PIN diagnostic connector, RoHS	1
5		Harley motorcycle OBD16 to 4PIN diagnostic cable, RoHS	1
6		Harley motorcycle OBD16 to 6PIN diagnostic cable, RoHS	1
7		BMW motorcycle 10PIN to OBD 16 diagnostic cable	1
8		Ducati motorcycle 4PIN diagnostic cable	1
9		EURO5 motorcycle 6PIN diagnostic cable	1

AVAILABLE ON

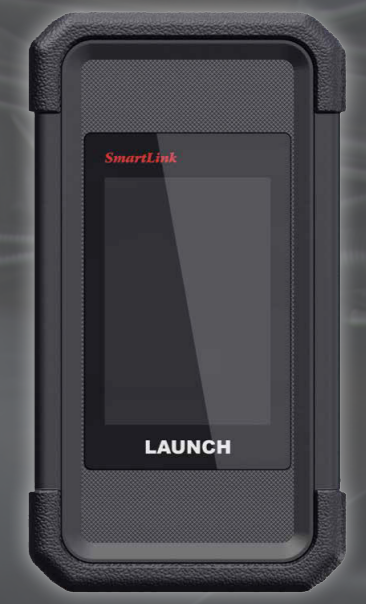


Software Subscription: E-PIN CARD [Motorcycle Software Service Card Configuration] (P/N: 301181171)

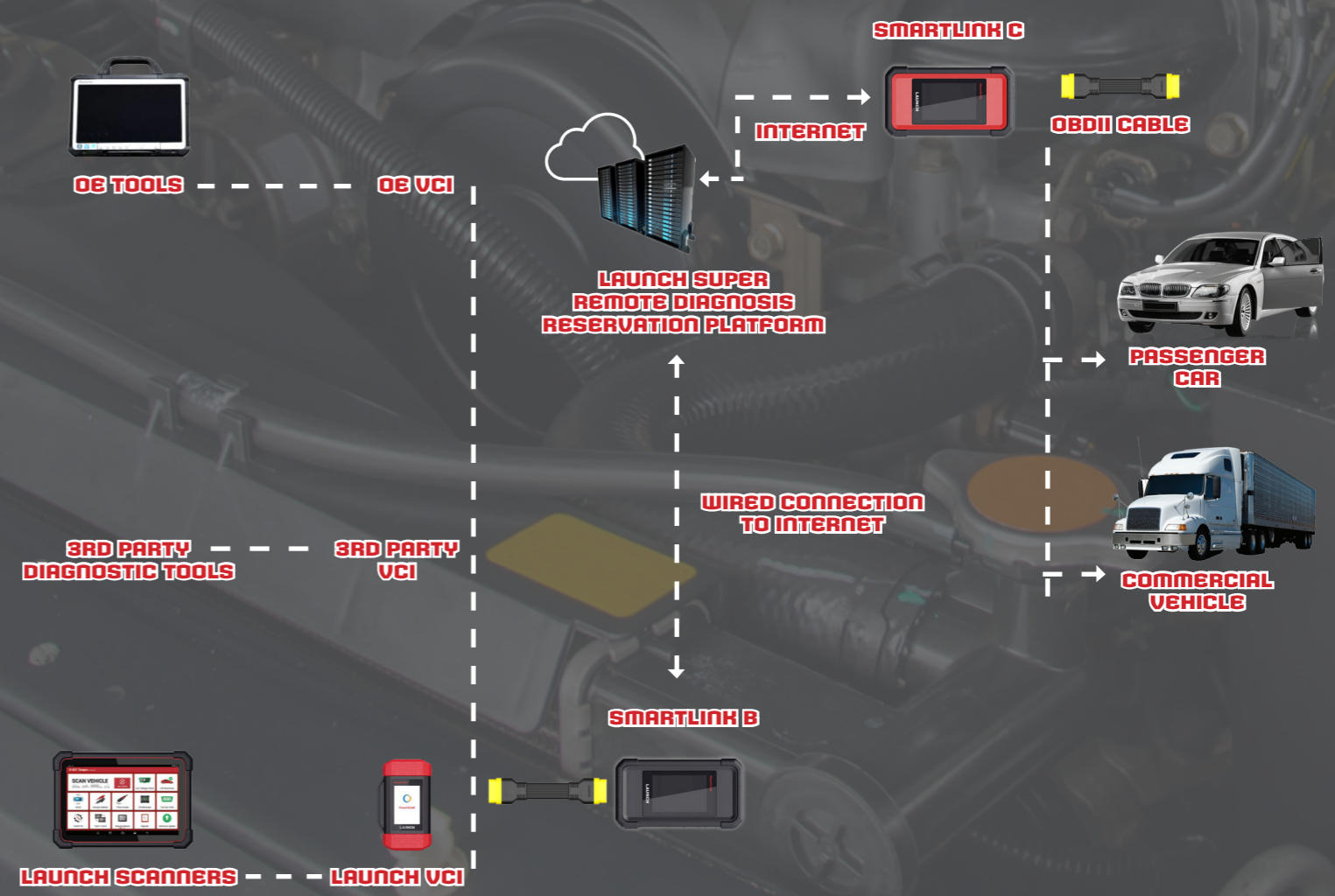
SMARTLINK TOOLS



SMARTLINK C



SMARTLINK B



**STANDALONE J2534 REFLASHING DEVICE
COMPATIBLE WITH OE SOFTWARE PLATFORMS**



The Launch Smartlink C functions as a J2534 Pass Thru Reflash Device to update modules on vehicles when paired with a specific OE Platform. The Smartlink also is capable of remote reflashing scenarios when synced with the Smartlink B.

DIAGNOSING FROM A THOUSAND MILES AWAY



The Launch Smartlink B works in conjunction with the Smartlink C in remote scenarios to accomplish remote OE Reflashing. The Smartlink B serves as the remote element and the Smartlink C is connected onsite at the vehicle.

FEATURES

- When paired with the Launch Smartlink B, allows for the ability to perform Remote OE Software Reflashes.
- Adheres to new age vehicle network protocols such as DoIP, CANFD, CAN 2.0.
- Publish requests and accept offers from Launch Super Remote Diagnosis Reservation Platform.



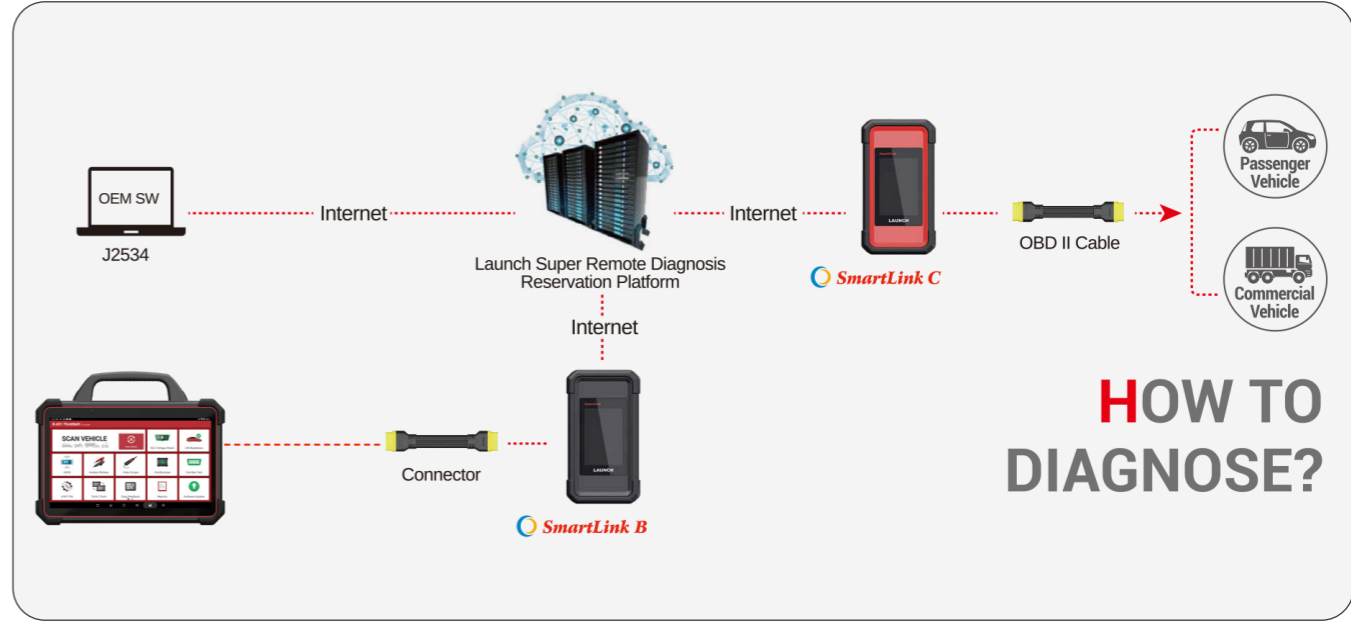
DIAGNOSIS



PROGRAMMING



CODING



SMARTLINK TOOLS	ERP CODE	Model
	301180792	Smartlink C Hardware
	301180863A	Smartlink C Platform Per Use Activation + 10 Token (301180881)
	301180881	Smartlink C Platform Per Use 10 Token
	301180883	Smartlink C Platform Per Use 50 Token

SMARTLINK TOOLS	ERP CODE	Model
	321180301A	Smartlink B Hardware (321180301) + One Year Service (301180823)
	301180823	Smartlink B Platform One Year Service


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