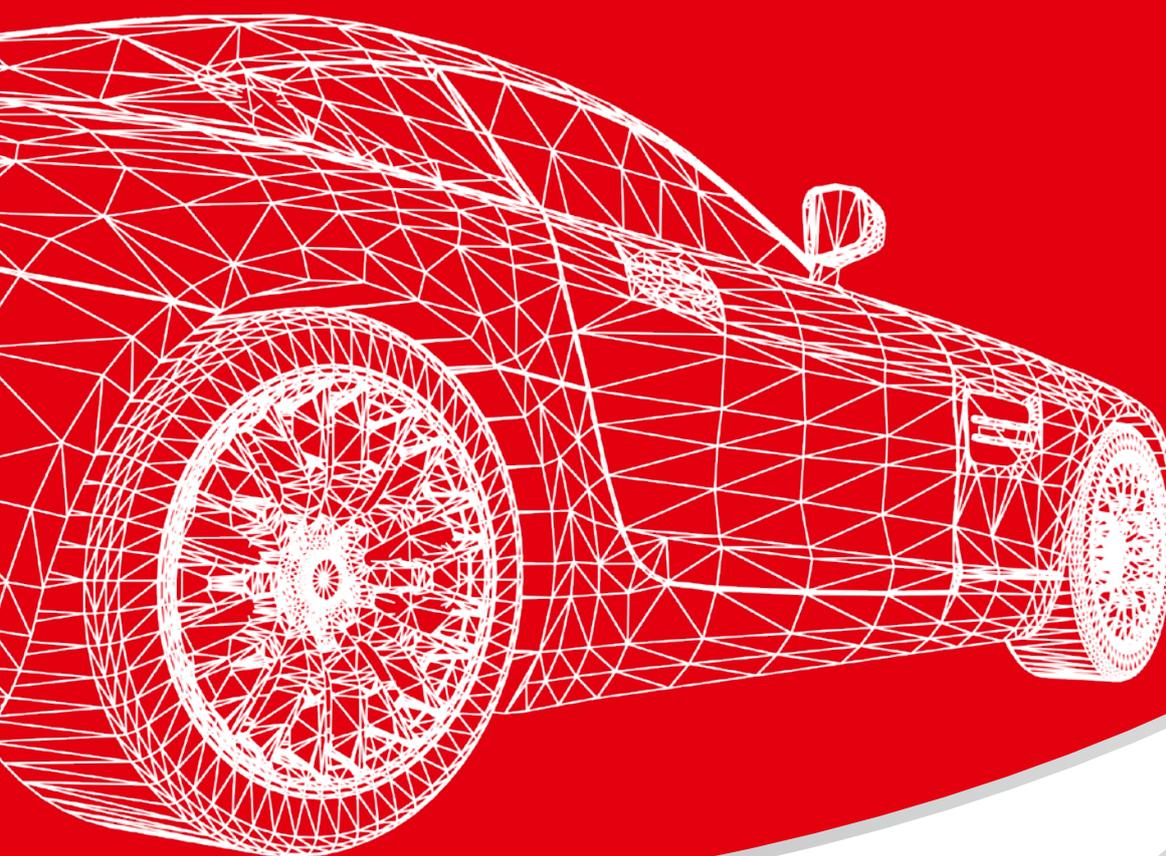
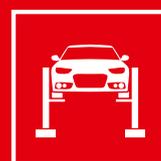


LAUNCHUK

PRODUCT CATALOGUE



PROFESSIONAL DIAGNOSTICS
SUPER REMOTE DIAGNOSIS SOLUTION
HD/TRUCK DIAGNOSTICS
SEMI-PROFESSIONAL DIAGNOSTICS
WHEEL SERVICE
AIR CONDITIONING SERVICE
MAINTENANCE SERVICE
TESTING TOOLS

1/2022

LAUNCHUK



About us

Launch are world leaders in the development and distribution of innovative automotive diagnostic products and services. The X-431 professional product range sets new standards of value and competence in the automotive aftermarket.

The Launch product offering includes workshop, vehicle maintenance, and test equipment suitable for many aspects of vehicle service.

Launch is a world-wide company with support and development facilities on every continent, they have partnerships with 400 distributors in over 100 countries.

Launch UK are the official distributors for the United Kingdom and Ireland. Appointed in 2003 we are one of the longest serving Launch distributors and have received numerous company awards for sales and service.



As a bonus, we offer a two-year limited manufacturer's warranty on some official LAUNCH UK products.

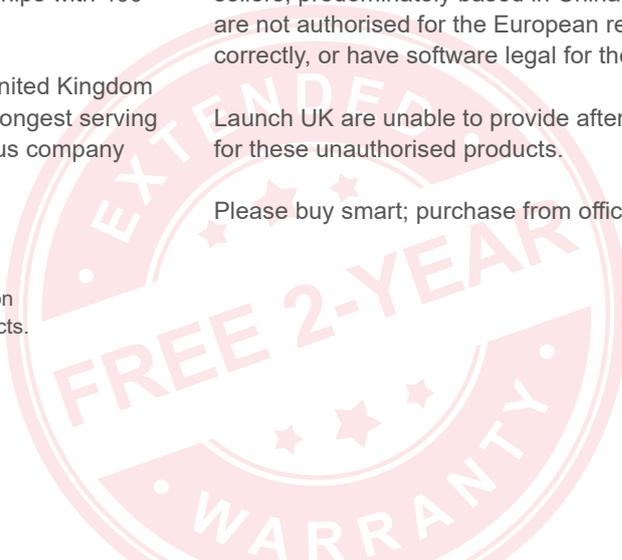
Launch UK Products.

All Launch products sold by Launch UK have been designed and configured for the European market, they are supplied to us by Launch European headquarters in Germany.

There are many Launch products being sold on internet platforms such as Amazon and eBay, often implying they are UK dealers complete with Union Jack flags and claims to ship from their UK warehouses. Please be aware they are internet sellers, predominately based in China. The products they sell are not authorised for the European region, may not work correctly, or have software legal for the European region.

Launch UK are unable to provide aftersales or warranty support for these unauthorised products.

Please buy smart; purchase from official Launch UK resellers.





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Jargon Buster

J2534	SAE J2534 (also known as Pass-Thru) is a communications standard adopted by vehicle manufacturers. With J2534, independent repair shops can work on modern cars and have cost-effective access to information and OE programming downloads from vehicle manufacturers when required.
CAN	A Controller Area Network (CAN bus) is a robust vehicle bus standard designed to allow microcontrollers and devices to communicate with each other's applications
CAN FD	Controller Area Network Flexible Data-rate, developed by Bosch, allows data transfer rates up to 2-5 Mbps compared to CAN at 500Kbps
DoIP	DoIP stands for Diagnostics over Internet Protocol. As the name suggests, this software standard enables remote diagnostics of the vehicle over an internet protocol. DoIP standard leverages Ethernet as the physical layer for the communication
D-PDU	The D-PDU API is a programming interface, standardized in ISO 22900-2, for accessing a Vehicle Communication Interface (VCI).
RP 1210	RP1210 is used for reprogramming and analysing Electronic Control Units (ECUs) in heavy duty vehicles.





PROFESSIONAL DIAGNOSTICS





Overview X-431 Series

The Launch UK X-431 product line offers professional diagnostic capability with an excellent price/performance ratio.

All our professional testers are multi-brand diagnostic tools able to interrogate the multiple control units found on modern cars.

Use Launch diagnostic tools to increase workshop performance and customer satisfaction.

FEATURES	EURO TAB III	EURO TAB II	EURO PRO 5	EURO TURBO	EURO MINI
OBD I & OBD II / EOBD	✓	✓	✓	✓	✓
ECU Information, VIN	✓	✓	✓	✓	✓
Read / Clear DTC	✓	✓	✓	✓	✓
Live Data Stream	✓	✓	✓	✓	✓
Service Reset / Match	✓	✓	✓	✓	✓
Online Feedback	✓	✓	✓	✓	✓
Intelligent Diagnosis	✓	✓	✓	✓	—
Actuator Test	✓	✓	✓	✓	—
Coding, Programming	✓	✓	✓	✓	✓
CarSET Database	✓ ^{1,2}	✓ ^{1,2}	optional ^{1,2}	—	—
ADAS Function	optional	optional	optional	—	—
HD Module Compatible	✓	✓	✓	—	—
PassThru	✓	✓	—	—	—
Scopebox, Sensorbox	✓ ³	optional	—	—	—
VSP-600 USB Videoscope	optional	optional	optional	optional	—
TS-Gun TPMS tool	✓	optional	optional	—	—

¹ Electronics Pack included
² Business Pack, Ultimate Pack optional
³ Scopebox included, Sensorbox optional

TECHNICAL DATA	EURO TAB III	EURO TAB II	EURO PRO 5	EURO TURBO	EURO MINI
Operating System	Android 9 (Unlocked)	Android 7.1	Android 9.1	Android 7.1	Android 7.0
Capacity	256 GB	64 GB	64 GB	32 GB	16 GB
Display	13.3" IPS	10,1" IPS	10,1" IPS	8"	7"
Wi-Fi	✓	✓	✓	✓	✓
Bluetooth	Configurable	Configurable	✓	✓	✓
USB Type A Port	✓	✓	—	—	—
Printer	optional	optional	optional	optional	—
Camera	✓	✓	✓	✓	—
Adapter Kit	✓	✓	✓	✓	—
Included Software Duration	24 months	24 months	24 months	24 months	24 months

Vehicle Diagnostics for Professional Workshops

With the X-431 series, Launch are one of the world's leading manufacturers in vehicle diagnostics. Wide vehicle coverage and extensive diagnostic capability on our range of smart tablets make Launch the product of choice for workshops around the world. Weekly software updates guarantee an ever-expanding range of diagnostic functions and coverage.



Intuitive Operation

Our diagnostics apps' clear menu structure makes it easy for every user to find what they are looking for. Every step can be taken easily by operating the touch screen with one finger. The modern Android OS ensures that the program runs smoothly.



Automatic Vehicle Recognition

Intelligent diagnostics allow vehicles to be identified without first selecting a manufacturer. Thanks to our specially developed VIN decoding process, our diagnostic app recognizes the vehicle manufacturer or model completely automatically. It is no longer necessary to enter the information manually.



Recording and Playback of Parameters

Our integrated recording function helps with intermittent faults that only occur under certain driving conditions. All of a control unit's selected parameters can be saved for a longer period with a single click. The integrated playback function allows the information to be used for immediate evaluation.



Freeze Frame

Check the parameters and elapsed time since a stored fault occurred. Most manufacturers currently store information, such as temperature, rpm, speed and time, in a control unit's event memory.



Maintenance Menu for Relevant Service Functions

In our maintenance menu, a service interval can be reset with just a few clicks, new batteries can be relearned, or a throttle valve can be programmed. This is supported by automatic vehicle identification and simple menu navigation, which gets every user to their destination quickly.



Wide Vehicle Range for Maximal Diagnostics

Regardless of whether your customer fleet consists of volume brands or luxury cars, you can deal with a broad range of vehicles with the X-431 series, from the VW Golf to the Porsche Cayenne, and especially vehicles from Far Eastern manufacturers such as Honda, Kia, Nissan, Toyota or Lexus.



Updates at Fair Prices

You always receive an inclusive upgrade package when you purchase your X-431 workshop tablet, with no contractual obligation. You can always purchase upgrades based on your personal requirements, even if it has not been updated for some time.



Support during Fault Diagnostic and Service Work

Our Launch CarSET database, powered by Haynes Pro assists the workshop day to day operation. The CarSET database includes maintenance plans, guided fault finding, circuit diagrams, torque values and repair data. Accessed directly from the tablet the information is always up to date. Optional purchase, not available to Euro Turbo or Euro Mini.



PassThru

Using the Euro TabII/III & PRO5 link, technicians can purchase and download OEM software packages directly from the manufacturers website and install to the vehicle using the J2535 compliant Smartbox 3.0®, or the standalone J Box 3 to a windows laptop



X-431 EURO TAB III

Part No. EUROTABIII-1010026



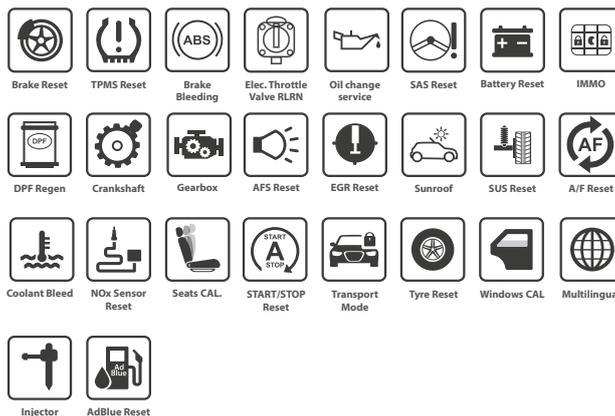
Supportive Frame



Anti-Slip Handle



Up to IP65



The Euro Tab III is a newly-developed high-end vehicle diagnostic device. Using the Android 9.0 operating system the Euro Tab III builds on the highly regarded Launch diagnostic technology, offering worldwide vehicle coverage, powerful diagnostics and numerous special functions.

New for the Euro Tab III is the Smartlink® C VCI. This advanced module allows for communication and advanced functions in several ways.

Featuring its own 4.0-inch screen the Smartlink® C communicates directly with a vehicle for local diagnosis, remotely for Launch SRD diagnosis, (Launch Super Remote Diagnosis), the VCI is also compatible with DOIP (Diagnosis over the Internet protocol), CAN FD, (flexible data-rate), and as a Pass-Thru device communicating by J2534, D-PDU and RP1210 protocols. The Smartlink® VCI also supports Truck diagnostics using the optional HD truck software.

The Euro Tab III includes the Launch professional database fully integrated into the diagnostic software. This will take the

user directly from the DTC to a step by step testing routine, leading to the fault code solution.

INCLUDED:

Launch O2-1 four-channel oscilloscope. Using the latest software, the Launch oscilloscope is very easy to master, automatic pre-sets for many automotive applications make set-up very straightforward. Pre-sets can be used in combination mode, testing several components at the same time.



INCLUDED:

The Launch TSGUN and four TPMS sensors. The TS Gun will read all sensor information, programme Launch sensors, and diagnose TPMS fault codes.



- Two-year warranty
- Two-year software updates included
- One year pay as you go remote diagnosis access



X-431 EURO TAB III Continued

The Smartlink® C VCI

Included with the Eurotab III, the new Smartlink® C communication interface represents a huge advance in diagnostic capability.

The Smartlink®C VCI attaches to the vehicle OBD port, connecting with the handset using fast Wi-Fi. In this mode it communicates using advanced protocols including DOIP, D-PDU, RP-1210 and CAN-FD.

The Smartlink® C can be used as a J2534-compliant Pass-thru device, for reprogramming ECUs with software downloaded from OEM websites. The VCI is also compatible with both passenger car and truck software, (an optional purchase).

Lastly, the Smartlink® C supports Launch Super Remote Diagnosis (SRD). Using the Smartlink platform a service provider can remotely access the vehicle and carry out advanced diagnostics, recoding and programming of ECU's using professional diagnostic tools including OEM, for more information see page 20.



SmartLink C VCI Functions:

- Local Diagnosis VCI
- Remote Diagnosis VCI (LAUNCH SRDs)
- Compatible with DoIP
- Pass-Thru VCI
 1. J2534
 2. D-PDU
 3. RP-1210
- Supports both passenger car and HD vehicles
HD Software optional

☰ Eurotab III FEATURES

- Launch Super remote diagnosis (SRD)
- Intelligent diagnostics for 100+ car brands - coverage now includes McLaren
- Topology mapping provides visual checking on DTCs and all systems' communication status
- Supports the following automotive communication protocols and standards:
CAN / CANFD / DoIP
J2534 / D-PDU / RP1210
- 33 service and reset functions
- Launch CarSet Electronic database powered by Haynes PRO

- Launch guided diagnosis function
- Optional ADAS calibration function
- Advanced coding and programming function
- Extended solution to support TPMS servicing
- 2.4GHz & 5GHz dual band communication ensures quick and stable connection
- Diagnoses light, medium & heavy duty vehicles with Smartlink C (optional)
- Wireless software update
- Built-in repair information and training video modules help to track and fix issues fast



X-431 EURO TAB III Continued

The Handset

The all-new Euro Tab III handset features a super-size 13.3-inch, 1920x1080 IPS display and 8GB of on-board memory.

Based on the Android 9 operating system the Euro Tab III has a newly-designed Launch APK for smooth and powerful operation. Supported by 256GB of storage and wireless connection to the VCI, the Euro Tab III can perform any high-speed task asked of it.

Connections include USB type C, USB Type A, and HDMI. The cameras are hi-resolution 8 mega pixel front and 13 mega pixel rear, both can be used to take pictures of defects which can be emailed direct to customers. The handset is waterproof and dustproof to IP65, the high-capacity battery uses the latest quick-charge technology.

The tablet is protected by a high impact silicone rubber housing with corner reinforcements, a carry handle, palm brace and a dampened multi position rear stand.



The Software

Developed over the last thirty years and used all over the world, Launch diagnostic software is acknowledged as world class.

Using the latest Launch APK and diagnostic software, the Euro Tab III promises a 'best in class' experience.

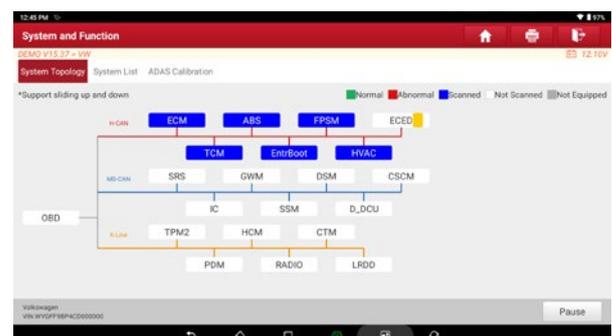
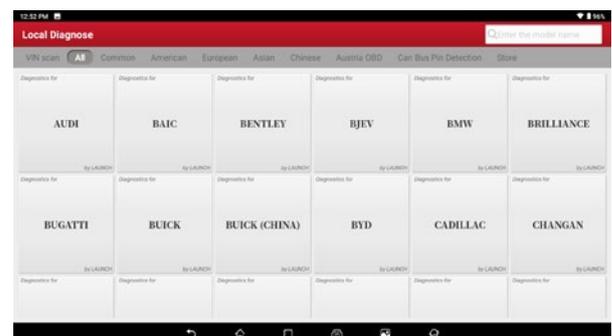
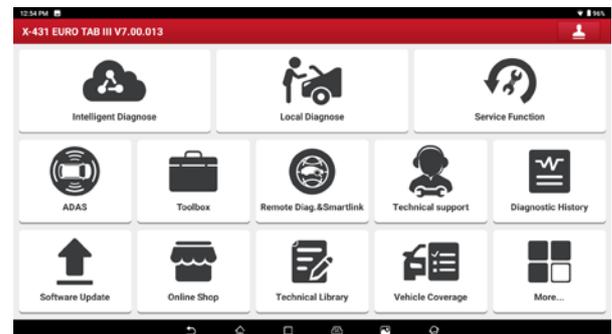
Over 100 car brands are supported with full systems diagnosis, many OE level functions, and bi-directional control.

A user-friendly interface presents simple links to 33 service and reset functions, Launch guided diagnosis, one-click software updates, Dynamic ADAS guide, and much more.

Fault codes are displayed in a clear diagnostic report, which can be shared, printed, or saved as a PDF file. Live data can be displayed with actual and standard values, up-to 12 data items can be displayed on-screen at once and four data streams can be overlaid to aid diagnosis.

Fault codes can be resolved, or investigated using the Launch professional database; electronics, clear guided assistance is shown with testing procedures, component illustrations and suggested solutions.

Within the software can be found numerous help pages covering known faults with rectification procedures. A full vehicle and special function list can also be accessed from the interface.





X-431 EURO TAB III Continued

Special Functions & Resets

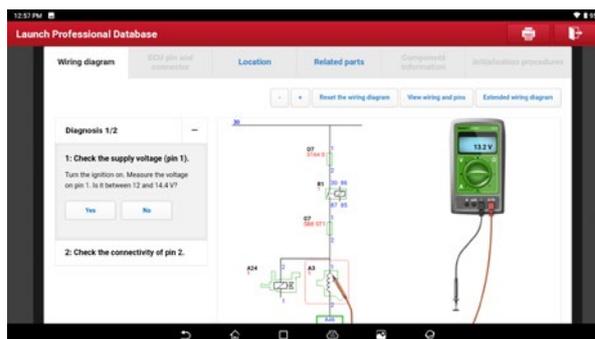
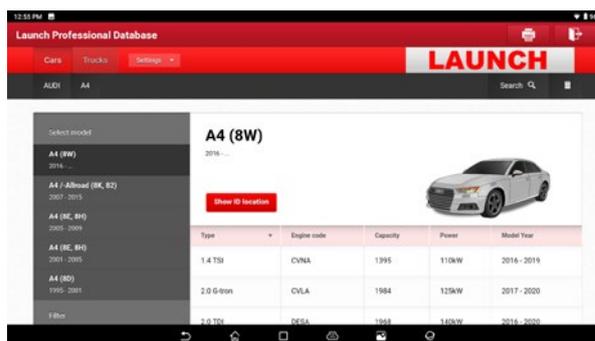
- ABS Bleeding
- AC System re-learn/Initialisation
- Adaptive front lighting
- Adblue reset
- Air/fuel reset
- Air level calibration
- Battery matching
- Brake reset
- Coolant bleed
- Crank sensor adaptive learning
- DPF regeneration
- EGR adaption
- Electric throttle relearn
- Engine power balance monitoring
- Gas particulate filter regeneration
- Gearbox relearn
- High voltage battery diagnostics
- Immo Prog
- Immobiliser reset
- Injector coding
- Intelligent cruise control
- Language change
- Motor angle calibration
- NOX sensor reset
- Oil maintenance reset
- Seat occupancy calibration
- Steering angle reset
- Start/stop reset
- Sunroof reset
- Tyre reset
- TPMS database reset
- Transport mode
- Window calibration

Launch CarSet Database - Electronic edition, powered by HaynesPro®

Launch guided diagnostic function is fully integrated into the Euro Tab III software. It will guide the user from DTC reading, to step by step testing and on to the solution. This work method will save time and increase efficiency

The database includes.

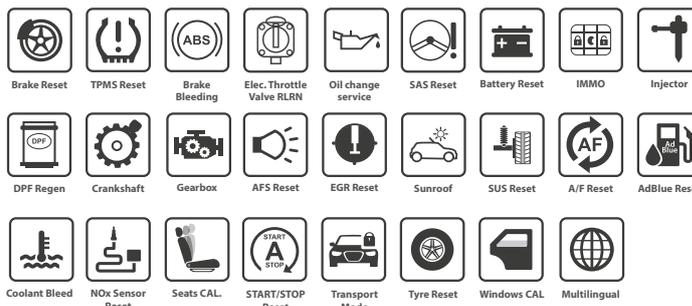
- Fuse and relay box locations and overview
- Wiring diagrams for engine management, ABS, ESP, SRS, A/C, doors, and windows etc.
- Component locations & information
- Fault codes (manufacturer and EOBD)
- Control unit locations
- Ground point locations
- Battery disconnect/reconnect procedures
- Highlight function to aid tracing wires and components
- High- voltage circuit deactivation





X-431 EURO TAB II

Part No. EUROTABII-1010012



The Launch Euro Tab II is a highly developed diagnostic tool with many outstanding features. The tablet is an industrial level design protected from dust ingress and resistant against water jets from any angle to IP65.

The handset can be mounted on the included docking station which also acts as a charging port.

The Launch diagnostic software provides in depth module coverage for more than 100 car brands, supported by the integrated Launch CarSet database, which provides comprehensive guided diagnostics, and fault information. Allowing the technician to identify the fault code, follow a test plan, leading to a successful resolution of the fault.

Data streams can be viewed individually, up to four can be overlaid for comparison, or up to twelve viewed together. Data can be displayed digitally with expected values or graphed. Intelligent diagnostics automatically identifies the vehicle by VIN number, module fault codes are clearly displayed, and can be saved as a screen shot and PDF file for printing or sharing.

Euro Tab II software includes 25 Reset & special functions.

Of special note is the Launch developed Smartbox 3.0 VCI, supporting multiple communication protocols including 2.4ghz & 5.0Ghz Wi Fi, Bluetooth 4, and USB 2.0.

Diagnostic protocols include, DOIP, J2534/1/2 Pass Thru, and the RP1210/C Truck protocol.

The Euro Tab II supports the following add-on modules:

- Comprehensive truck diagnostics HD pack pg: 29
- O2-1 Oscilloscope kit pg: 28
- S2-2 Sensor tester pg: 29
- Videoscope pg: 32
- X-Prog Immobiliser & key programmer pg: 33
- TPMS Gun pg: 43
- BST 360 battery tester pg: 60

FEATURES

- Automatic vehicle identification with 'Intelligent diagnostics'.
- 25 special functions.
- Diagnostics for Luxury and supercar brands.
- DOIP and J2534 capable.
- Two-year software updates included.
- Launch UK exclusive, two-year product warranty.
- Launch UK exclusive; one-year CarSET electronics powered by Haynes Pro included.
- Support for additional modules.

⚙️ TECHNICAL DATA EURO TAB II	
Operating System	Android 7.1
CPU	2.0 GHz 8 Cores
Display	10.1" (1.920 x 1.200 px)
RAM	4 GB
Capacity (internal / TF card)	64 GB / support microSD card up to 128 GB
Working Temperature	- 10° C ~ 50° C
WLAN	802.11 b/g/n/ac
Camera	Front 8.0 MP / Rear 13 MP
Battery	9360 mAh
Dimension	320 x 211 x 46 mm (L x W x H)



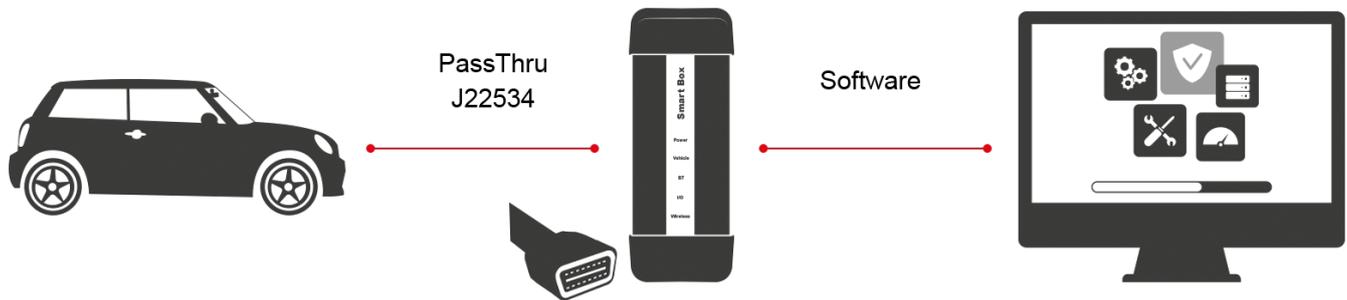
X-431 EURO TAB II Continued



Part No. EUROTABII-1010012



Smartbox 3.0



Smartbox 3.0 is a new generation, intelligent diagnostic box using a Linux system, which has been independently developed by LAUNCH. It supports multiple communication modes (USB, Bluetooth, Wi-Fi) and multiple diagnostic protocols (including J2534).

TECHNICAL DATA SMARTBOX 3.0	
Operating System	Linux
Dual Processor	Cortex – A7 + Cortex – M7
RAM	8 GB
Power Supply	DC 9 – 36 V
USB	USB 2.0 Type B
Bluetooth	BLE 4.0 + EDR
Wi-Fi	Support 2.4 GHz / 5 GHz Dual-band
Indicator Lamp	5 Multifunction Indicator Lamps
Vehicle Connection	J1962 16 PIN



Docking station



X-431 EURO PRO 5 Plus

Part No. PRO5PLUS-1010020



HaynesPro[®]



The X-431 Euro PRO 5 Plus is the latest in a long line of successful Launch diagnostic tools in use throughout the UK.

The Launch diagnostic APK has been designed to optimise the benefits of the Android 9.1 operating system.

Advanced Launch technology delivers a cutting-edge product with wide vehicle manufacturer coverage, effective test functions, accurate test data and many reset and special functions. Dynamic ADAS calibration software is included, static calibrations are available with purchase of the Launch ADAS frames.

The PRO 5 Plus uses intelligent diagnostics to automate vehicle recognition. The included Launch CarSet Electronics database powered by Haynes PRO is fully integrated into the diagnostic software and provides guided diagnostics from fault code, to test plan, to final resolution. Saving the technician time and boosting efficiency.

The PRO 5 Plus tablet is a robust industrial design for use in workshop environments. Included are a wide selection of OBD 1 connectors and a practical storage stand for the tablet and VCI.

FEATURES

- Diagnostic software covering 98 car brands worldwide
- Two years software included.
- One year Launch CarSET Electronics database powered by Haynes PRO, included with Pro 5 Plus
- Launch UK exclusive two-year warranty.
- One-click online updates
- Truck diagnostics with the optional HD3 module
- 15 special-service and reset functions.

TECHNICAL DATA

Operating System	Android 9.1
CPU	1.8 GHz 8 Cores
Display	10.1" IPS
Capacity (internal / microSD card)	64 GB / microSD Card up to 128 GB
Battery	7000 mAh
Diagnosis	Bluetooth / USB Cable (optional)
Camera	Front 8 MP, Rear 5 MP
Dimension	264 x 210 x 30 mm (L x W x H)



X-431 EURO PRO 5 Lite

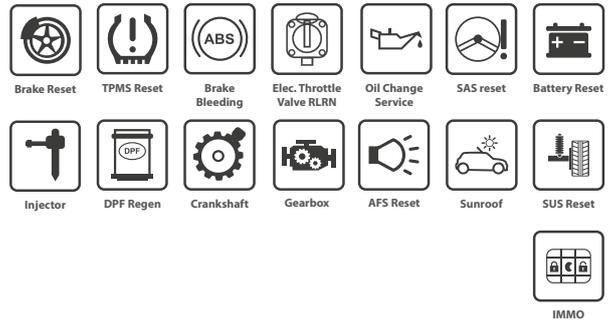
Part No. PRO5PLUS-1010021



Anti-Slip Handle



Supportive Frame

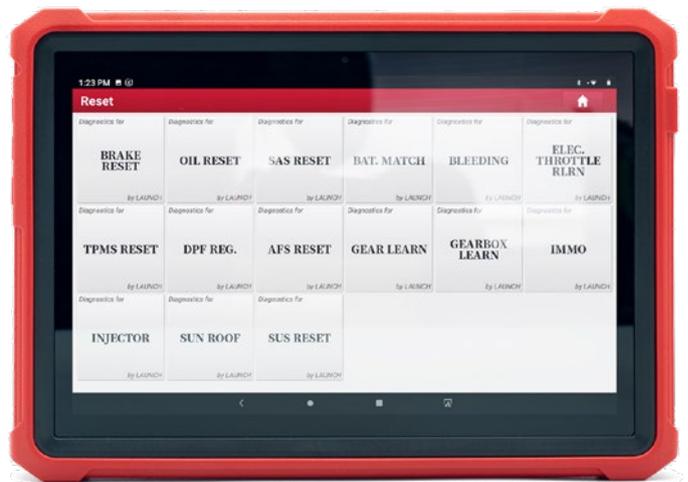


The X-431 Euro PRO 5 Lite has all the benefits of the Plus, without the Launch electronics CarSet database. There is a trial version installed which can be subscribed to at any time.

The PRO 5 Lite comes in a compact case with the latest Launch VCI, a BMW 20 pin & MB 38 pin connector.

The PRO 5 Lite is an ideal upgrade from an earlier machine offering Intelligent diagnosis, fifteen special functions, full module coverage & bi-directional controls. DataStream can be displayed digitally, as a graph overlaid with up to four separate data items, or twelve individual streams at one time.

Dynamic ADAS software included, static calibration available with optional purchase of ADAS Pro & ADAS mobile hardware.



FEATURES

- Diagnostic software covering 100 car brands worldwide
- Two years software included.
- Launch UK exclusive two-year warranty.
- One-click online updates
- Truck diagnostics with the optional HD3 module
- 15 special-service and reset functions.

TECHNICAL DATA

Operating System	Android 9.1
CPU	1.8 GHz 8 Cores
Display	10.1" IPS
Capacity (internal / microSD card)	32 GB / microSD Card up to 128 GB
Battery	7000 mAh
Diagnosis	Bluetooth / USB Cable (optional)
Camera	Front 8 MP, Rear 5 MP
Dimension	264 x 210 x 30 mm (L x W x H)



Car Connectors	X-431 EURO TAB II	X-431 EURO PRO 5 Plus	X-431 EURO TURBO
AUDI-4	✓	✓	✓
BENZ-14	✓	✓	✓
BENZ-38	✓	✓	✓
BMW-20	✓	✓	✓
CHRYSLER-6	✓	✓	—
DAEWOO-12	✓	✓	✓
DAIHATSU-4	✓	—	—
FIAT-3	✓	✓	✓
FORD-6+1	✓	✓	—
GAZ	✓	—	—
GEELY-22	✓	—	—
GM / VAZ-12	✓	✓	—
HHMAZDA-17+2	✓	—	—
HONDA-3	✓	✓	✓
KIA-20	✓	✓	✓
MAZDA-17	✓	✓	✓
MITSUBISHI / HYNDAL-12+16	✓	✓	✓
NISSAN-14+16	✓	✓	✓
SSANGYONG-14	✓	✓	✓
SSANGYONG-20	✓	✓	—
SUBARU-9	✓	✓	✓
SUZUKI-3	✓	—	—
TOYOTA-17	✓	✓	✓
TOYOTA-22	✓	✓	✓
UNIVERSAL-3	✓	✓	✓

* Tab III and Pro 5 Lite only include Mercedes 38 pin and BMW 20 pin as standard, along with OBDII



Super Remote Diagnosis Solution



X-431 EURO PRO 5 LINK

Part No. PRO5PLUS-1010025



The PRO 5 Link is a development of the successful Pro 5 Plus.

The PRO 5 Link is supplied with the latest Launch development, the advanced Smartlink[®]C VCI. This advanced interface supports multiple communication and diagnostic protocols, these include, DOIP, CAN FD, J2534/1/2, D-PDU, RP-1210/C, 5GHz wi fi, Ethernet, USB 2.0.

The Smartlink[®]C also supports Launch SRD (super remote diagnosis), this new development in diagnostics allows a technician to call a service provider who using the Smartlink[®]B device will connect to the vehicle remotely. It is then possible to carry out almost any diagnostic or programming function, on almost any vehicle using OEM or aftermarket tools.

The PRO 5 Link uses the latest in Launch diagnostic technology. Intelligent diagnostics automatically identifies the vehicle through the VIN. Over 70 car brands are covered, all with in-depth module information. 15 reset and special functions are included in the software. Fault codes can be resolved using the Launch CarSet database powered by Haynes Pro. Using guided diagnostics and technical information the technician following a test plan can resolve the fault issue.

ADAS dynamic calibrations are included, static calibrations are covered with purchase of the ADAS PRO & ADAS Mobile calibration frames.

The Smartlink[®]C can also be used as an interface for truck diagnostics. The software and comprehensive connector kit are an optional purchase. The Launch TruckSet database is also available to purchase - Pg 28.

FEATURES

- Local intelligent diagnostics
- Remote diagnostic, using the Launch SRD platform
- Compatible with multiple protocols
- Supports Heavy commercial vehicles
- Two years diagnostic software included
- One year Launch CarSet electronics database included
- Two-year Launch UK warranty
- One click software updates almost daily

TECHNICAL DATA EURO PRO 5

Operating System	Android 9.0
CPU	1.8 GHz 8 Cores
Display	10.1" IPS
Capacity (internal / microSD card)	64 GB / microSD Card up to 128 GB
Battery	7000 mAh
Diagnosis	Bluetooth / USB Cable (optional)
Camera	Front 8 MP, Rear 5 MP
Dimension	264 x 210 x 30 mm (L x W x H)

TECHNICAL DATA SmartLink C

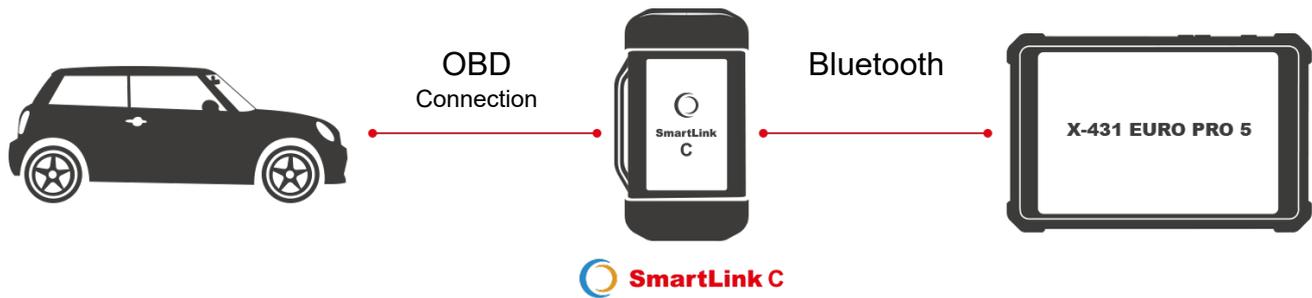
Display Screen	3.97" Single Touch Screen
Working Voltage	DC 9V – 36V
Storage	8 GB
Memory	256 M
Power Consumption	< 6W
Working Temperature	-10°C ~ 50°C
Storage Temperature	-20°C ~ 60°C
Communication Method	Wi-Fi 5 GHz and Ethernet
USB	Type B USB 2.0
Dimension	204 x 110 x 45 mm (L x W x H)



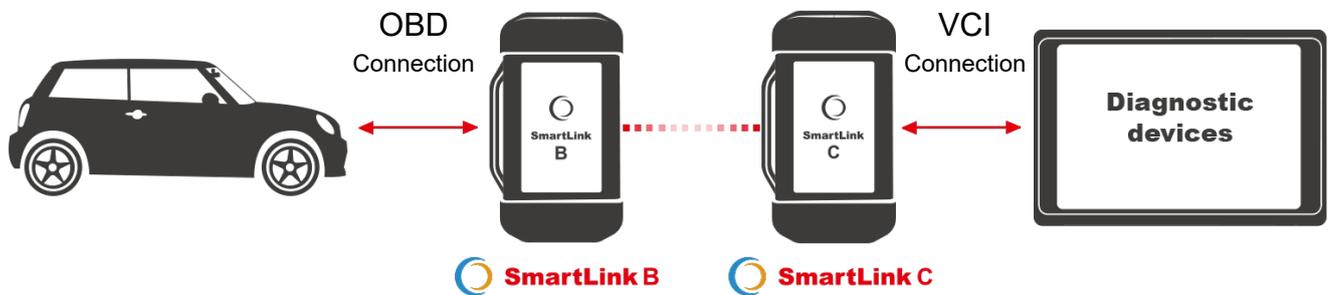
X-431 EURO PRO 5 LINK

Part No. PRO5PLUS-1010025

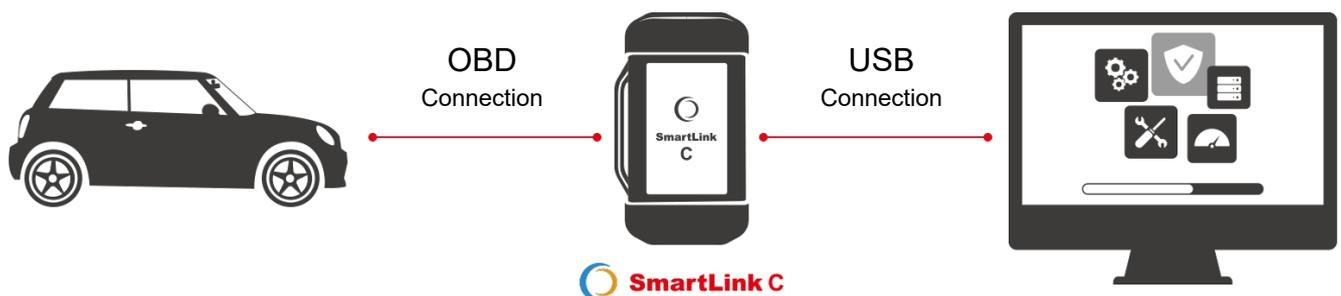
Local Diagnosis



Remote Diagnosis



PassThru





SMARTLINK B

Part No. SMARTLKB-1012017



The X-431 SmartLink B is used by specialist service providers to facilitate remote diagnosis and remote programming functions. The unit connects to diagnostic equipment suitable to complete the requested service.

Function.

- Provides a connection to the client-end Smartlink®- C
- Communication interface for any diagnostic tool, aftermarket, or OEM

SMARTLINK C

Part No. SMARTLKC-1012018



The Smartlink®C is currently available with the Euro Tab III & PRO 5 Link. It is a multi-functional diagnostic interface, including the vehicle connection for remote services.

Function.

- As an interface for remote diagnostic service
- Supports DoIP, CAN FD, CAN2.0
- Pass thru interface for J2534 1/2, D-PDU, RP1210
- Compatible with passenger cars & heavy commercial vehicles
- Local diagnostic interface for Euro Tab 111 & PRO 5 Link



SMARTLINK Super Remote Diagnosis

How it works...

The Smartlink[®] B & C are paired using the Launch Smartlink[®] service platform

Features.

- The remote service provider can use ANY diagnostic tool including OEM to complete the requested task.
- Supports all the latest protocols including DoIP, CAN FD, CAN 2.0, RP-1210, D-PDU, etc
- Colour display showing the status of the remote service.
- Very simple operation to complete a remote service
- Portable design and light weight easy to connect and use.

How can it work in practice?

Tradition Diagnostic Approach	Super Remote Diagnosis (SRD)
Technician needs in-depth knowledge and experience of system to carry out some functions	No In-depth experience and knowledge are necessary, you have access to experts
Multiple tools may be required to cover all eventualities	Using only a Smartlink [®] C, multiple diagnostic tools are on hand to support you
There will always be some function that cannot be carried out with existing tools	With SRD, any diagnostic function is possible
The workshop may have to outsource the solution to a VM or specialist	No need to outsource; keep customers satisfied by fixing the car quickly and in-house

Access to the Smartlink service platform is either annually by subscription, or PAYG and an access fee. Service fees vary based on the requirement.

For a structured service the UK provider is Launch UK remote services, powered by the assets of Asus a global force in the provision of remote automotive service.



X-431 EURO TURBO

Part No. TURBO-1010023



Anti-Collision Design



The X-431 Euro Turbo is a highly portable diagnostic device, specifically designed for challenging workshop conditions.

Featuring a rugged, 8-inch touch screen tablet, running the Android 9.1 operating system, the latest Launch vehicle communication interface, and a wide range of OBD 1 connectors, all contained in a durable ABS case.

The Launch Euro-Turbo is a professional diagnostic tool for 70+ vehicle manufacturers. Using the acclaimed Launch software with advanced 'intelligent diagnostics' it offers automatic VIN recognition, accurate test data and a wide range of resets and special functions.

Communication with the VCI is through the powerful Bluetooth module running the latest Bluetooth version 5.0.



FEATURES

- Comprehensive diagnostic checks for all systems
- Coverage for 77 world-wide car brands
- 11 reset and special service functions
- Live data stream with standard values
- On-click online updates, anytime
- Integrated trouble code search function
- Remote diagnosis function
- Diagnostic feedback to Launch HQ.

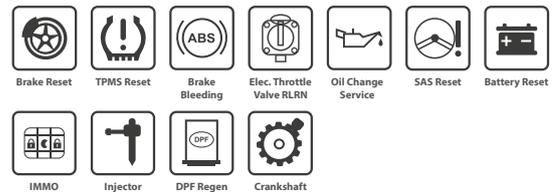
TECHNICAL DATA

Operating System	Android 9.1
CPU	2.0 GHz Quad-Core
Display	8" IPS Capacitive Touch Screen
Capacity (internal / microSD card)	32 GB (Supports microSD Card up to 128 GB)
Battery	5.000 mAh
Diagnosis	Bluetooth / USB Cable (optional)
Camera	Front 2 MP, Rear 5 MP
Size	160 × 240 × 30 mm (L × W × H)



X-431 EURO MINI

Part No. MINI-1010024



The Launch X-431 Euro Mini is a smart, vehicle diagnostic device, representing the entry to our range of professional diagnostic equipment. Nevertheless, it packs a big punch, offering full diagnostics for over 80 world-wide vehicle manufacturers. Functions include read/clear fault codes, live data, actuation tests and eleven resets and special functions, this model does not support ADAS calibrations.

Running on Android 7.0 operating system diagnostic reports can be shared by email, a printer APK or the Launch mini printer. The Euro Mini from LaunchUK features an exclusive 2 years of online software updates, and 2 years warranty.

FEATURES

- Two- year online software updates
- Two -year Exclusive warranty
- Diagnostic feedback to Launch software engineers.
- Integrated translation function
- Online code search
- Cabled VCI
- Includes Mercedes 38 pin & BMW 20 connectors
- Reset functions (integrated in car software): brake reset, oil change service, SAS reset, battery reset, ABS bleeding, elec. throttle valve relearn, TPMS reset, DPF regeneration, Crankshaft position sensor reset, IMMO, injector)



TECHNICAL DATA

Operating System	Android 7.0
CPU	1.5 GHz Quad-Core
Display	7" Capacitive Touch Screen
Capacity	16 GB
Battery	6.000 mAh
Size	246 x 139.5 x 34 mm (L x W x H)



X-431 EURO PRO HD+



Part No. HD-PRO-1010027



The Launch Euro PRO HD+ is a specially developed diagnostic tool for heavy commercial vehicles. Continuous software development in Europe, the US and Asia has resulted in a highly capable tool with extensive in-depth coverage of European and world-wide heavy commercial vehicles and systems.

HD+ is based on the latest Launch PRO 5 tablet running the Android 9.0 operating system, which offers a faster smoother experience, and allows the download of third-party apps.

The diagnostic connection uses the latest HD box 3, which connects to the diagnostic tablet using fast 2.4GHz & 5.0GHz wi-fi. The HD+ comes with a comprehensive set of manufacturer specific connectors, which includes OBD connectors and switching line test cables.

Diagnostic functions include read/clear codes, view live data streams, bi-directional control, actuation tests, special functions, etc. etc.

Optionally available is the Launch Professional HD database, the electronic version offers guided diagnostics from fault code to a test plan to a final fix. The database includes much more, wiring diagrams, component locations, ground points, fuse, and relay information and more. An Ultimate pack version is also available comprising, Tech, Electronics and Smart solutions.

The extensive software list comprises some 79 downloads covering heavy commercial vehicles, Buses, coaches, Plant & equipment, and trailer electronics.



TECHNICAL DATA HD BOX 3

Working Voltage	9 V DC – 36 V DC
Test Voltage	DC 12 V
Power Consumption	≤ 3 W
Diagnostic Method	Bluetooth / Wi-Fi / USB
Working Temperature	- 10 °C ~ 55°C

FEATURES

- Wide HD vehicle & systems coverage
- Comprehensive diagnostic functions
- Fast software development
- Frequent one-click software updates
- Comprehensive connector and test lead set
- Two- year Launch UK warranty

TECHNICAL DATA X-431 EURO PRO 5

Operating System	Android 9.1
CPU	1.8 GHz 8 Cores
Display	10.1" IPS
Capacity (internal / microSD card)	64 GB / microSD Card up to 128 GB
Battery	7000 mAh
Diagnosis	Bluetooth / USB Cable (optional)
Camera	Front 8 MP, Rear 5 MP
Dimension	264 x 210 x 30 mm (L x W x H)



HD Box 3

Part No. HD3-BOX-1010010



The Launch HD box 3 is the perfect add on module for customers working with heavy duty trucks & buses etc. Suitable for use with X-431 PRO3, PRO4, PRO 5 Lite and PRO 5 Plus. The HD box 3 will enable these tools to perform comprehensive diagnostics on a wide range of heavy-duty vehicles, including trailer ABS systems, Cummings, Detroit Diesel and Caterpillar engines.

HD system coverage:

- Delphi
- Denso
- Allison
- Bendix
- Haldex
- Bosch
- Caterpillar
- Case
- International
- + More...



Supported Manufacturers	
■ CUMMINS	■ MAN
■ DAF	■ MERCEDES-BENZ
■ DONGFENG	■ MITSUBISHI FUSO
■ FREIGHTLINER	■ NEOPLAN
■ HYUNDAI	■ NISSAN
■ IVECO	■ RENAULT
■ ISUZU	■ SCANIA
■ KENWORTH	■ SETRA
■ MACK	■ VOLVO

FEATURES

- Comprehensive diagnostic tests
- Fast development of new software
- Online updates one year included.
- Wide range of connectors and Test cables included.

TECHNICAL DATA HD BOX 3

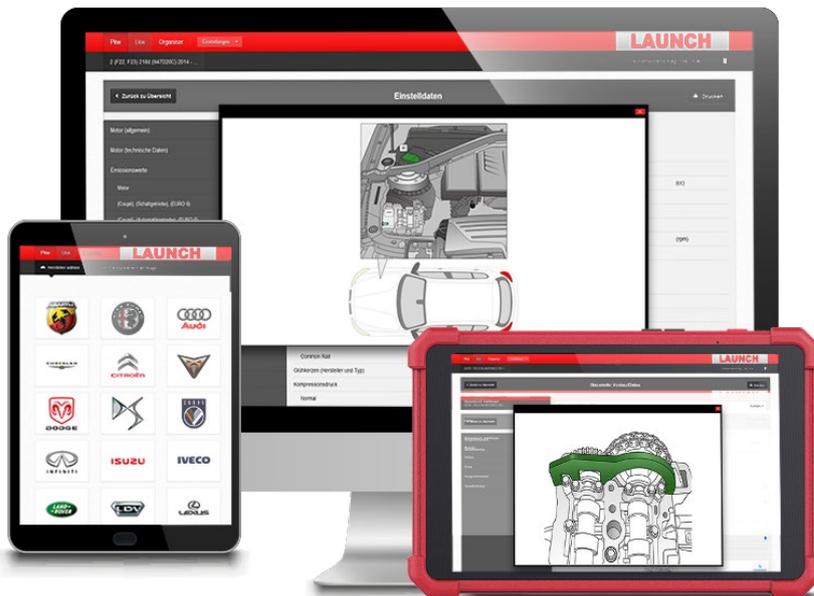
Working Voltage	12 V DC – 36 V DC
Test Voltage	DC 12 V
Power Consumption	≤ 3 W
Communication	Bluetooth / USB
Working Temp.	- 10 °C ~ 50°C



LAUNCH CarSET Database

Professional Database for X-431 Series

Part No. CARSET-1016008



Identification of the vehicle



Overview of all manufacturers



Setup Data



Suitable Lubricant



Repair Data



Repair Times



Technical Drawings

Advantage of LAUNCH Europe Devices

- Integrated function offered on X-431 Series*
- LAUNCH UK customers receive a free one month trial of this database before purchase

*Supported devices:

X-431 PRO / X-431 PRO 3 / X-431 PRO 4 / X-431 PRO 5 / X-431 PAD II / X-431 EURO TAB / X-431 EURO TAB II / X-431 EURO TAB III

Business Pack Western Europe: Part No. 1016005



Tech

Identification data, adjustment data, recalls, repair times, maintenance, lubricants and fluids, repair manuals, technical drawings



Electronics

Guided diagnostics, comfort wiring diagrams, fuses and relays

Ultimate Pack Western Europe: Part No. 1016004



Tech

Identification data, adjustment data, recalls, repair times, maintenance, lubricants and fluids, repair manuals, technical drawings



Electronics

Guided diagnostics, comfort wiring diagrams, fuses and relays



Smart

Verified fixes and tips, recalls, technical service bulletins

Electronics Pack European Part No. 1016008



Electronics

Guided diagnostics, comfort wiring diagrams, fuses and relays



LAUNCH TruckSET Database

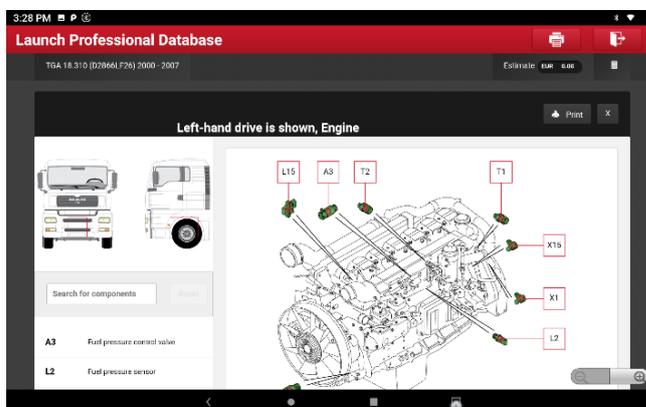
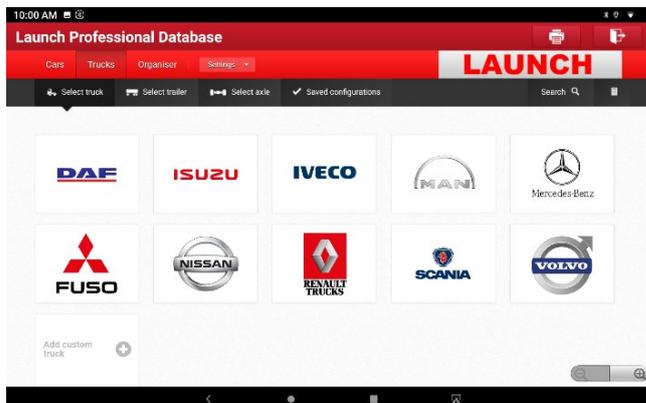
Professional Database for X-431 Series

Part No. TRUCKSET-ULTIMATE-1016011
Part No. TRUCKSET-ELECTRONIC-1016010

LAUNCH TruckSet Database HD Is an optional Guided Diagnosis Package which will take the user from DTC reading, to the step-by-step testing, and to the final solution. This working method will save the technician a lot of working time and increase the efficiency dramatically.

FEATURES

- VIN and identification plate locations
- Maintenance schedules (OEM-based)
- Printable work sheets and cost estimates
- Wiring diagrams for the engine, ABS and more systems
- Component locations and information
- Fault codes (manufacturer and EOBD)
- Ground point locations
- Control unit locations
- Battery disconnection/reconnection procedures
- High-voltage circuit deactivation procedures
- Technical Service Bulletins
- Link to fault codes and related cases
- and much more...

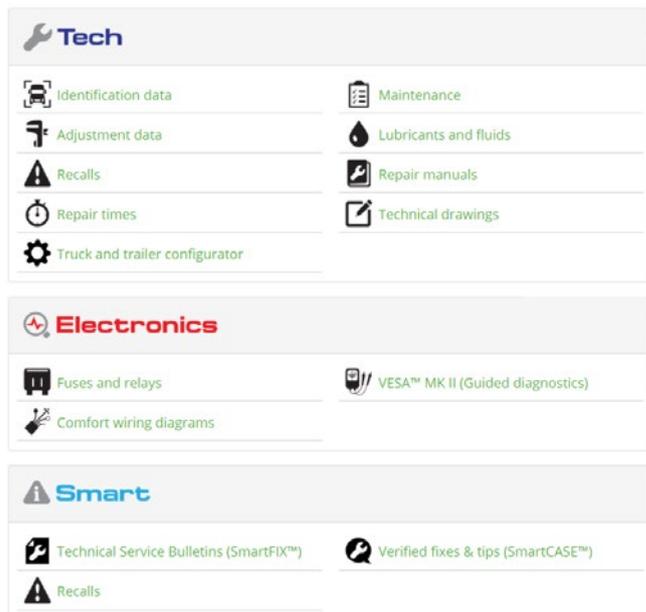
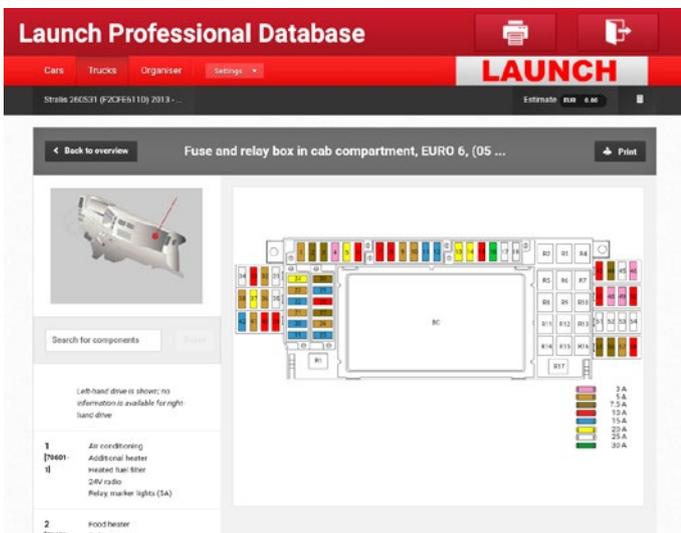


Ultimate Pack includes:

- Tech
- Electronics
- Smart

Electronics Pack includes:

- Electronics





Non-Standard Connector Pack

for X-431 LITE Device

Part No. CONNECTOR-1014032



HD Pack

for X-431 EURO TAB Series

Part No. HD-PACK-1010018



HD Pack for EURO TAB Series, consists of activation code for HD Software and non-standard HD cables. The Smartbox 3.0 of EURO TAB II and the SmartLink of the Euro Tab III are compatible with both 12V and 24V.



Add-On

for X-431 Series (Order at time of purchase)

Article Number	Configuration
Part No. 1016501 Add-On 3rd Year Package	Add-on 3rd year Car Software, includes 1 Year CarSET Electronics Database, 1 Year SRDs License
Part No. 1016001 Add-On 1 Year Car Software	1 Year Car Software
Part No. 1016008 Add-On 1 Year CarSET Electronics Database	1 Year CarSET Electronics Database



Scopebox for X-431 EURO TAB Series

Part No. SCOPE-II-1012012



The X-431 02-1 Scopebox is a four-channel automotive oscilloscope designed for use with the Launch Euro Tab 2 & Euro Tab 3. The Scopebox is used with one of two apps on the diagnostic tool: scopebox & Ignition scope.

23 different automatic measurements are clearly displayed on one screen and are easily selected by tapping the screen. Intuitive trigger settings make setting up the oscilloscope application extremely easy. Customise a variety of preferred system settings as a configuration file Save waveforms that can be recalled and displayed as a reference channel. The Scopebox also supports the calculation of addition, subtraction, multiplication of two channel waveforms, FFT (Fast Fourier Transform) is also supported.

The Launch Scopebox has a number of time saving features, to boost efficiency. Includes a quick store function, which allows a wave form to be saved with one click, convenient and easy curser operation, and a soft keyboard to input names and characters.



FEATURES

- Records and stores signal curves and images
- Automatic setting on all four channels
- Independent ground on each channel, which allows for a clean signal without interference, or potentially damaging feedback
- Includes ignition setup pre-selects
- Ultra-fast capture of "glitch" occurrences with advanced triggers
- Built-in square wave signal generator ensures accuracy and calibration verification

TECHNICAL DATA SCOPEBOX

Four Channel	up to 200 MHz
Single Channel	50 MHz
Bandwidth	20 MHz
DC Accuracy	± 1%



Sensorbox II for X-431 EURO TAB Series

Part No. SENSORBOX-1012013



The Launch S2-2 Sensorbox has been specially developed to diagnose automotive actuator and sensor faults. It can simulate the sensor input signals to the vehicle electronic control systems, and the control system output signals to the actuators.

The sensorbox can simulate various waveforms including forward & reverse sine waves, forward & reverse square wave, triangle & trapezoidal wave. The sensorbox will also simulate voltage as a straight line, as well as a high/low voltage straight line.

The technician can use pre-defined signals, or a hand drawn user defined signal if required. The sensorbox also has a multimeter function which can test for voltage, resistance, and capacitance.

The Sensorbox module can only be used as an accessory with the Launch Euro Tab 2 & Euro Tab 3 diagnostic platforms.



FEATURES

- Simulate ECU input signals, from sensor connector, check ECU response, and wiring integrity.
 - Simulate ECU output signals, check operation of actuators e.g., Idle motors, EGR solenoid valves etc.
 - Select from nine waveform options, set the frequency, amplitude, phase, offset and duty cycle.
 - Synchronise output signals from Channel 1 & 2 at the same time.
 - Create user defined signals.
- Convenient multimeter functions included.

TECHNICAL DATA SENSORBOX

Precision	± 5%
Amplitude Range	- 12 to + 12 V
Maximum Output Current	70 mA
Predefined Frequency Range	0 to 150 Hz
Square Wave Signal Pulse Frequency	0 to 15 kHz

TECHNICAL DATA MULTIMETER

Precision	± 5%
Voltage Test	Test Range: - 400 to + 400 Input Resistance: 10 MΩ
Resistance Test	Test Range: 0 to 40 MΩ
Frequency Test	Test Range: 0 to 25 kHz Input Resistance: 1000 GΩ Input Amplitude: 1 to 12 V



Curien N2 bluetooth Multimeter

Part No. CURIEN-4012008



The N2 Neuron Dual Channel Wireless Graphing Multimeter provides electrical testing accuracy and versatility in the palm of your hand.

This tough little wireless graphing meter is ready to fit into any situation, providing deep, high resolution, 24 bit readings and measurements, for data relationship testing, great accuracy for parasitic draw testing and more.

Volts, Ohms & Amps Measurements to test motors, wires, components, sensors, batteries and more.

2 Voltmeters onboard allow for transducer and voltage measurements to be used simultaneously for data relationships such as I=VR Calculations, Efficiency testing and other advanced understandings.

By wirelessly connecting to your existing android scan tool, or iOS device you can use the big screen you already own for real-time readings, wave form analysis, graphing and logging. Suitable for measurements and logging whilst on a test drive. The N2 benefits from wireless firmware and app updates and community sharing of data.

FEATURES

- Bluetooth direct to your Launch tablet or smart phone.
- Powerful architecture for full multimeter functionality.
- 2 voltmeters to use transducers and clamps together.
- High resolution 24 bit chipset for deeper readings.
- Graphing & waveforms.
- Maths functions training.
- Community sharing app with database.
- Parasitic draw testing.
- Data logging and capture.



Wi-Fi Printer

for X-431 EURO PRO, X-431 EURO PRO 4, X-431 EURO PRO 5, X-431 EURO TAB II

Part No. WIFI-PRINT-1012014



A sleek and ergonomic portable printer for your X-431EURO TAB II, X-431 EURO PRO4, X-431 EURO PRO 5 or X-431 EURO Turbo. It enables any screen with a "Print" button to be printed: Codes and their definitions, as well as live data, coding information and relearn procedures. It is pocket sized and makes printing fast and easy.

FEATURES

- No PC printer needed for printing
- Print codes, code definitions, module information, live data, coding information, diagnostic procedures
- Automatic paper feed
- Highly portable, sleek, ergonomic and lightweight design
- Rechargeable lithium-ion battery
- Automatic battery charge indicator
- Includes form fitted storage box, 2 rolls thermal paper, connector cable and charger

Launch FCA Security Gateway Licence

for X-431 EURO PRO 4, X-431 EURO PRO 5, X-431 EURO TAB II

Part No. FCA-1016007



From 2018 onwards, all Fiat Chrysler Automobiles are equipped with a new system called a Security Gateway Module. The purpose of this module is to prevent CAN bus hacking and prevent access to diagnostic functions for these new vehicles by un-licensed diagnostic devices.

Launch diagnostic devices have been officially approved by the FCA group. This allows the X-431 devices to perform the following:

Functions

- Read ECU version information.
- Read diagnostic trouble codes.
- Clear diagnostic trouble codes.
- Read live data
- Actuation tests
- Service functions

Vehicles Covered

Fiat	Alfa Romeo
Abarth	Chrysler
Lancia	Dodge
Ram	Jeep



VSP-600 USB Videoscope

for X-431 EURO PRO, EURO PRO 5, EURO TAB, EURO TAB II, Android, Smartphone and PC

Part No. VS-1017001



5.5 mm
Len O.D.



1/9"
Sensor Size



2000 mm
USB Cable Length



1280 x 720 px
Resolution



6 levels LED



FEATURES

- Recording and storing of videos and images
- Easy handling with one-click snapshot button
- Automatic white balance
- 6 LEDs with infinite regulation

VSP-800 USB Videoscope with Screen

for X-431 EURO PRO, EURO PRO 5, EURO TAB, EURO TAB II, Android, Smartphone and PC

Part No. VS-1017002



FEATURES

- Recording and storing of videos and images
- Easy handling with one-click snapshot button
- Automatic white balance
- 6 LEDs with infinite regulation



5.5 mm
Len O.D.



1/9"
Sensor Size



2000 mm
USB Cable Length



1280 x 720 px
Resolution



6 levels LED



Thermal Imaging Camera

Part No. TIT-1046001

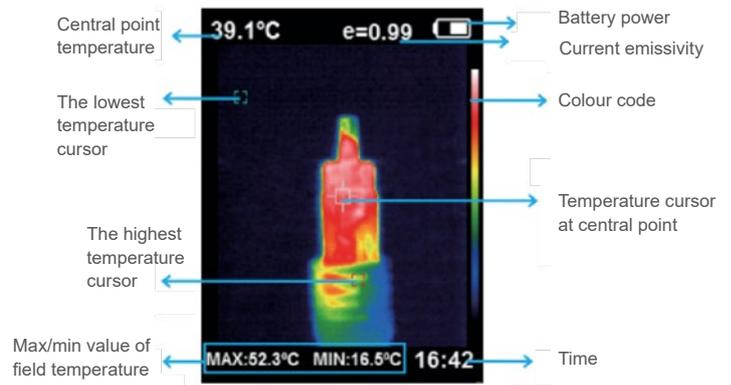
The TIT-201 is an infrared thermal imager which combines surface temperature measurement and real-time thermal images.

The thermal imager captures infrared and other types of rays through the infrared detectors and optical imaging lens, before converting the radiation information into images that are clearly displayed on the colour screen. This allows users to locate the center point measurement cursor quickly and accurately as well as the measured temperature, thus locating the problem and saving time.



FEATURES

- Combines visible light with infrared images
- 3.2 inch TFT high definition colour screen
- Five modulated imaging modes
- 0.07 degree super sensitivity
- Can store 20,000 pictures
- 0.5 m ~ 40 m imaging distance



Launch CAN FD CONNECTOR

Part No. CANFD-1012016



The CAN FD Adapter is used for the diagnosis of vehicles with CAN FD protocols (eg. GM new models). It enables the communication between the X-431 diagnostic device and vehicles.

Like other non-standard adapters, one end of the cable should be connected with OBD interface of vehicle, another end should be connected with VCI of X-431 diagnostic device.

It can be used for all the LAUNCH X-431 diagnostic devices.



Launch X-PROG 3 Part No. X-PROG-1012015

Car Immobilizer - Programming Tool



X-PROG 3 car immobilizer programmer is a powerful anti-theft solution and an ideal choice for professional repair shops and vehicle maintenance businesses

Integrated multi-function module, one device with multiple functions for fast and accurate reading and writing of data

Powerful functions, supporting Mercedes-Benz infrared key reading/writing, BMW engine ISN code reading, engine reading in BENCH mode, etc.

X-PROG 3 is flexible, stable, reliable, and suitable for professional users



FEATURES

- Read/write EEPROM
- Read/write keys
- Read/write MCU
- Read BMW engine ISN code
- Mercedes-Benz keys
- Read/write BMW CAS4+ and FEM chips
- Key simulator
- Read/write Audi fifth-generation steering column chips
- VW Fourth-generation Dump Mode All Keys Lost
- Read OBD MED17 engine
- Read engine in BENCH mode
- Replace VW fourth-generation UDS engine
- Read engine in Boot mode
- Replace VW MQB engine, gearbox, steering column lock
- VW Fourth-generation Enumeration All Keys Lost
- Read/write Mercedes-Benz engine and gearbox data
- Read gearbox data





ESP-150 Car Jump Starter

Part No. ESP-1019001



The Launch ESP150 is a portable battery booster and power bank.

With a capacity of 1500mAh the ESP150 can jump start a car up to 10 times. The two USB ports can be used to operate a scanner or other devices. A digital display shows the remaining charge, and correct connection of the booster cables.

The boost pack is in a hard-shell zipped case with a mains charger and all cables.



FEATURES

- Jump start current, up to 500 amps
- Power bank with multiple outlet cable
- Dual USB outlets
- Charge from car or AC socket
- LCD display
- Multi-function torch with SOS sequence
- Carry case

TECHNICAL DATA

Capacity	15000mAh /3.7V:55.5Wh
USB outputs	5v-1A/2A
DC5.5 output	12V DC /1.0A
Input voltage	15V/0.8A
Start current	250A
Peak current	500A



Flashpower 120

Part No. FLASHPOWER120-1049001



The Launch Flashpower 120 is a high-quality professional battery support unit. The maximum output of 120 Amps supports the power requirements of the most demanding vehicles during re-flashing procedures.

FEATURES

- Device only begins charging when the battery has been connected
- Flashing: Continuously supplies 120 A current for 8 hours
- Recovery: Device rescues discharged batteries
- Supply: Current can be supplied at any time, with or without a battery being connected

TECHNICAL DATA

Mains Voltage 50 / 60 HZ	90 – 260 V
Power	1.800 W
Output Voltage	12 V
Charge Current	10 – 120 A
Battery Selection	Wet-AGM-Lithium
Charge Capacity	10 – 1.200 Ah
Maintenance Capacity	10 – 3.600 Ah
Size	350 × 450 × 150 mm (L × W × H)
Cable Lengths	Standard Cables 2.7 m Optional Cables 6 m
Weight	8.5 kg (2.7 m Cables) / 10.3 kg (6 m Cables)

PFP-100

Part No. PFP100-1049004

PFP-100 is a professional 100 Amp vehicle battery power support unit with high-performance, compact size and high-quality. It is used by garages, car electricians and car dealerships, mainly for supplying continuous power to the vehicles battery, during all stages of ECU reprogramming and flashing, according to the request of car OEMS.



FEATURES

- Constantly detect the battery state to prevent damage from overcharging
- Battery protection with automatical stop and alarm
- Languages: English, French, German, Spanish, Italian

TECHNICAL DATA

Input Voltage	110 V / 220 V
Rate	50 / 60 Hz
Input Power	1.200 W
MAX	100 A RMS
Charging Voltage	12 V
Programming Mode	2 ~ 16 V / 2 ~ 100 A
MAH	10 ~ 1.200 Ah
Dimension	430 × 350 × 140 mm (L × W × H)
Weight	7.7 kg



Trolley

Part No. TROLLEY-1035001



This PRO-level multi-function trolley is ideal as a diagnostic workstation for Launch diagnostic devices, including the Flashpower 120, during ECU reprogramming and diagnostic tasks.

TECHNICAL DATA

Size	1.120 x 560 x 540 mm
Weight	25.5 kg

Pro Trolley TWT-100

Part No. PROTROLLEY-1035002

TWT-100 is professional multi-function trolley for diagnosis devices, battery chargers, oscilloscope, and much more, ideal to be used in the workshop during the vehicle's ECU reprogramming in combination with the LAUNCH Flashpower product. It provides the convenience and flexibility for the daily work in a workshop. 4 layers and 1 lockable drawer are enough to hold all kinds of devices for vehicle diagnosis & ECU flashing. 4 universal wheels keeps it moving smoothly. The front and rear handles are designed to facilitate movements.



TECHNICAL DATA

Size	1.300 x 670 x 610 mm
Weight	71 kg



SEMI-PROFESSIONAL DIAGNOSTICS



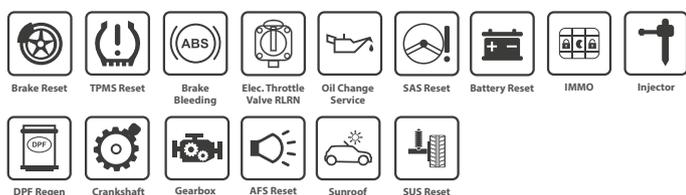


Creader Professional MOT III

Part No. MOT3-1011028



Anti-slip handle



The Creader Professional MOT III is a multipurpose tool with full OBD II/ EOBD diagnostic functions, as well as full system diagnostic software for 55 vehicles (read and clear DTC, live data) and 15 service functions via a Bluetooth diagnostic connector. It is ideally suited for both maintenance services and private mechanics.



TECHNICAL DATA

Operating System	Android 7.0
CPU	1,5 GHz Quad-Core Processor
Display	7" Colour Capacitive Touchscreen
RAM	2 GB
Memory / microSD card	32
Battery	6.100 mAh
Bluetooth	Bluetooth

What's in the box

- 1 x Main Unit, 1 x OBD-Cabel, 1 x Charge Cable,
- 1 x Unit Bag, 1 x Mercedes 38 Pin Adapter,
- 1 x BMW 70 Pin Adapter





Creader Professional 129 EVO / 123 EVO

Part No.
EVO123-1011010
EVO129-1011023



cable



The Creader Professional 129 EVO / 123 EVO is an intelligent and networkable diagnostic tool based on the Android system. It has full OBD functionality that is ideally suited to entry-level, passenger car market demands, as well as basic diagnostic functions for the basic systems: 129 EVO (engine, automatic transmission, ABS and SRS) and 123 EVO (oil reset). The Creader Professional 129 EVO / 123 EVO also has the most commonly used service reset functions, including oil lamp reset, electronic brake pad reset, battery reset, steering angle reset,

throttle valve matching, diesel particulate filter reset and injector programming. It boasts more features than its predecessor. Software can be directly updated via Wi-Fi, without the need for a PC connection. It supports the feedback function, which helps to solve diagnostic problems in a timely manner.

FEATURES

- Full OBD II functionality
- Data recording and replay
- DTC read and clear, live data for four systems at 129 EVO (engine, AT, ABS, SRS) and one system at 123 EVO (oil reset)
- Seven service functions: oil lamp reset, electric parking brake reset, battery management system reset, steering angle sensor reset, diesel particulate filter reset, injector programming, throttle valve matching

FUNCTIONS

- Data Record and Replay
- Diagnostic Report
- Feedback Function
- Multilingual
- Software Online Update

What's in the box

1 x Main Unit, 1 x Charging Cable, 1 x OBD-Cable

TECHNICAL DATA

Operating System	Android 7.0
CPU	1.5 GHz
Display Screen	5" 720 Pixel IPS Touch Screen
Memory	1 GB
Storage	8 GB
Battery	4.000 mAh Lithium Battery
OBD II Input Voltage	9 V ~ 18 V
DC Input Voltage	5 V
Storage Temperature	- 20 ~ 70 °C
Working Temperature	- 10 ~ 50 °C
Size	228 x 125 x 34,5 (L x W x H)
Weight	565 g





Creader Professional 123 / 129 Premium

Part No.

CRP123-1011003

CRP129-1011009



Supported Manufacturers

- ACURA
- ALFA ROMEO
- AUDI
- BMW
- CHRYSLER
- CITROËN
- DACIA
- DAEWOO
- FORD (EU & USA)
- FIAT
- GM
- HONDA
- HOLDEN
- HYUNDAI
- INFINITI
- ISUZU
- JAGUAR
- KIA
- LANCIA
- LANDROVER
- LEXUS
- MAZDA
- MERCEDES-BENZ
- MINI
- MITSUBISHI
- NISSAN
- OPEL
- PEUGEOT
- PORSCHE
- RENAULT
- SAAB
- SEAT
- SKODA
- SMART
- SPRINTER
- SUBARU
- SUZUKI
- TOYOTA
- VAUXHALL
- VOLVO
- VW

The Creader Professional 123/ 129 Premium are automotive diagnostic tools primarily developed to test four major systems: The engine, automatic transmission, airbag (SRS) and anti-lock brake system (ABS). Featuring powerful diagnostic functions, such as reading and clearing DTCs and reading real-time data streams. The CRP 129 Premium is additionally equipped with resetting functions, including oil lamp reset, electronic parking brake (EPB) reset, steering angle reset and BMS reset, thus helping automotive repair professionals to diagnose and repair vehicles more efficiently, accurately and profitably.

Supplied system and functions

- Read and delete DTC, live data from four systems (engine, AT, ABS, SRS)
- CRP 129 Premium has reset functionality (oil lamp reset, electric parking brake reset, battery management system reset, steering angle sensor reset)

What's in the box

1 x Main Unit, 1 x Charging Cable, 1 x OBD-Cable

FEATURES

- Read & clear fault codes, live data for ABS, SRS and automatic transmission
- Switch off MIL (check engine light) and display fault codes in written form
- Test functions: readiness, MIL status, lambda sensor test, EVAP system test, read frozen data (freeze frame), read vehicle identification number and all OBD II related data

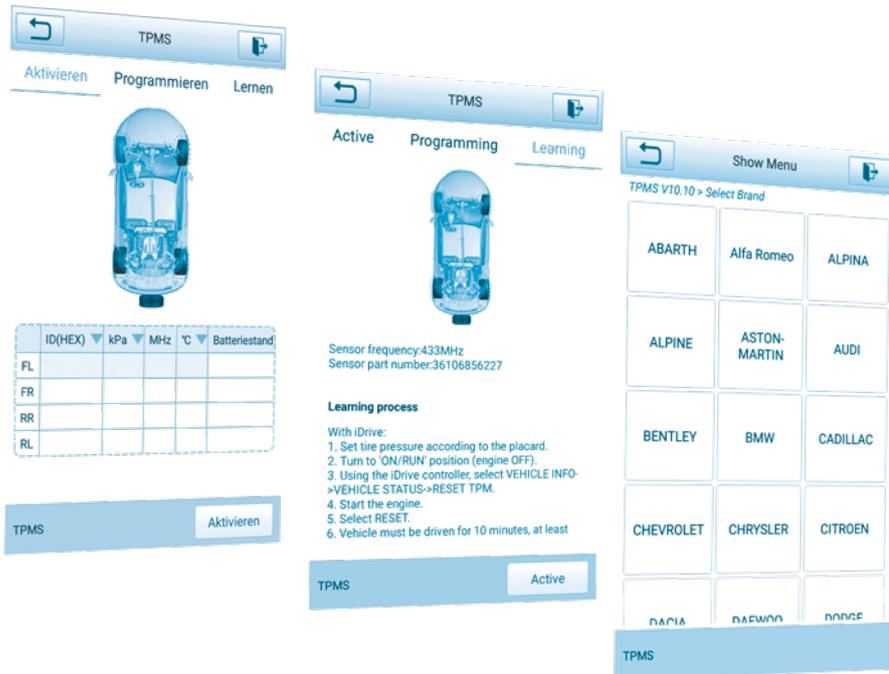
TECHNICAL DATA

Operating System	Windows CE 5.0
Display	4.0" Colour Display
Connection	Standard 16 Pin OBD
Input Voltage	9 – 18 V
Update	Via Internet (USB)
Language	Multilingual
Size	188 x 106 x 27 mm (L x W x H)
Weight	350 g



Pilot TPMS

Part No. PILOT-1043001



The Pilot TPMS is a professional diagnostic tool that integrates a passenger vehicle's basic diagnostic functions with common special functions, TPMS sensor activation, reading, programming (LAUNCH RF-Sensor) and learning. Tyre pressure information reading is activated via low, or high-frequency reception signals and the TPMS module is reset via the OBD interface. It provides full model, full system automotive fault diagnosis with six types of commonly used service and reset functions. It is a highly competitive new TPMS diagnostic tool.

FEATURES

- Covers more than 30 imported vehicle manufacturers
- Full system, basic function diagnosis
- Automatic VIN identification
- OBD full function diagnosis
- TPMS functions (full functions with LAUNCH RF sensor)
- Six service functions, not just TPMS
- One-click update
- Automatic creation and diagnostic report sharing through QR code
- Diagnostic feedback

TPMS Functions

- Read, copy and write sensor ID
- Unlimited programming of LAUNCH sensors, covering all major OE sensors
- Activate all 315 MHz / 433 MHz sensors
- Read tyre data including tyre pressure, tyre temperature, battery state
- Tyre ID matching via OBD port

Diagnostic Functions

- Supports full system, basic function diagnosis for most mainstream models
- Supports automatic VIN identification
- Supports full OBD functions
- Supports automatic creation and diagnostic report sharing through QR code

What's in the box

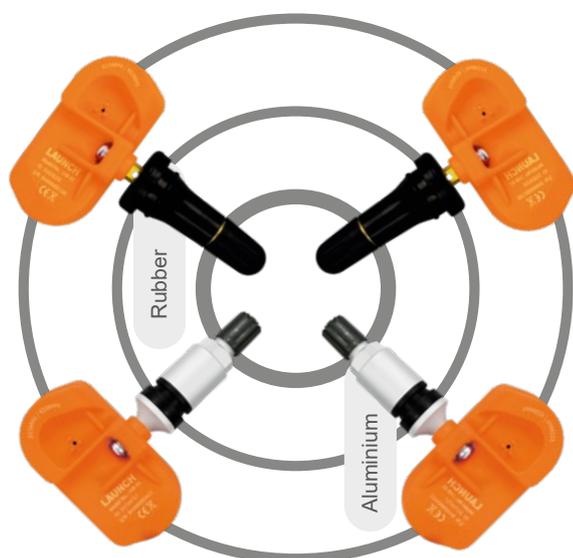
1 x Main Unit, 1 x Charging Cable, 1 x OBD-Cable, 1 x Magnet



RF-Sensor

Part No. RS-1045001 (Aluminium)

Part No. RS-1045002 (Rubber)



TPMS – OTA Over-the-Air Programming



FEATURES

- Single SKU for universal OE replacement (> 95 % OE coverage), multi-band protocols
- (315 MHz / 433 MHz), aluminium and rubber systems
- Over-the-Air programming
- Programming possible before or after mounting tyres
5+ years battery life

What's in the box

1 x Sensor in Plastic or Aluminium

Sensor Activation

- Covers more than 95 % of models with tyre pressure monitoring systems
- Activates all 315 MHz / 433 MHz sensors
- Read, copy and write sensor ID
- Read tyre data including tyre pressure, tyre temperature, battery state



Launch UK Universal TPMS

Part No. TPMS-3543001



The Launch UK VT46 is a fully featured Tyre pressure monitoring system maintenance tool, capable of sensor activation, ECU reset and programming on all makes of RF tyre valve.

Packed with essential features and functions the user is guided through the processes by an icon interface and bright colour display. Frequent on-line updates with new features and sensor information keep the tool up-to -the -minute.



FEATURES

- Easy to operate with Icon interface and bright 37.5 mm colour display
- Programmes all known O.E & aftermarket sensors.
- Displays indirect TPMS, manual & auto-relearn procedures on the tool.
- Includes one-year free on-line updates.
- Tool interface & procedures can be displayed in 23 languages.

TPMS Functions

- Activates & reads TPMS sensors of all light vehicles worldwide.
- Displays all sensor data in seconds. ID, Tyre pressure & temperature, battery status, and frequency.
- Programs ALL OE and aftermarket sensors.
- Selects vehicle by make model and year.
- Check remote key signal strength.

Specification

- Battery: rechargeable Lithium Polymer
- Battery Life; 300 activations, around 300 vehicles
- Dimensions: 200mm X 1200mm x 40mm
- Frequency: 315MhZ & 433MhZ
- High impact ABS case
- Software database powered by Ateq.



Part No. TPMS-OB2-3543003

TPMS + OBDII Module

The OBD2 module accessory is required for most Asian and European vehicles to enable the relearn mode. Relearn mode allows the vehicle ECU to copy the sensor ID when they are being triggered by the Launch VT46

TPMS Functions

- Required for vehicles without on-vehicle relearn mode built- in (most European & Asian vehicles)
- Displays TPMS sensor part number.
- Displays OBD2 port location on-screen.



Launch X-431 TSGUN

Part No. TPMS-1043003



The Launch TSGUN is a professional device with an integrated TPMS sensor. Functions include, sensor activation, reading, programming, and learning. It will read tyre information at both high and low frequencies.

The TSGUN is light to carry and simple to operate, it has been designed exclusively for use with professional level Launch X-431 diagnostic tools.

It supports programming of all Launch brand TPMS sensors.

FEATURES

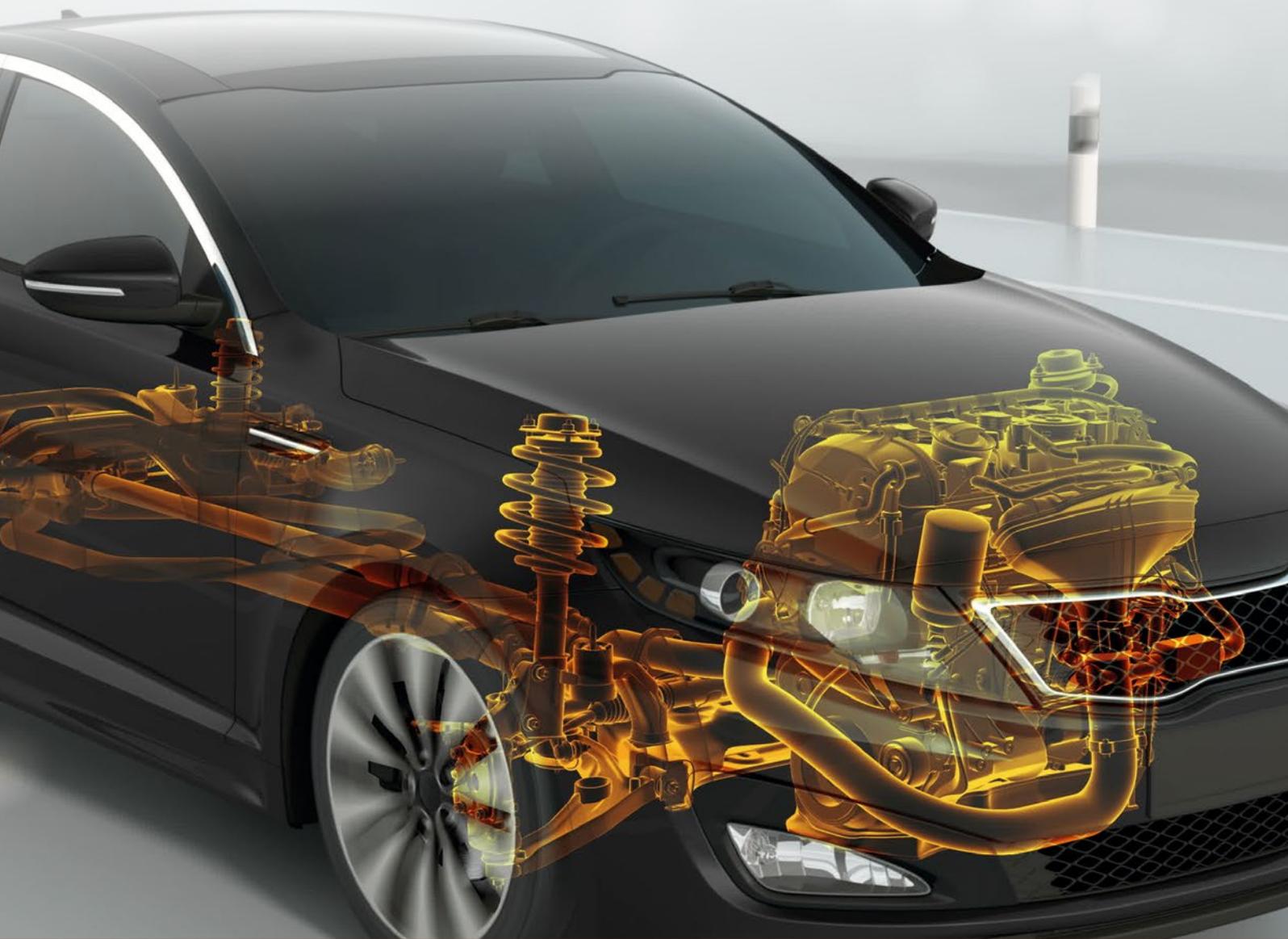
- Activate all 433mhz, for Europe and 315Mhz, rest of the world sensors.
- TPMS information displayed on TS Gun and Launch diagnostic tool.
- Read, copy, and write sensor ID.
- Displayed data includes pressure, temperature, and battery status.
- Programmes all Launch sensors with 98% car Parc coverage.

Specification

- Display, 168X128 pixels
- Battery, 3,000mAh
- Input voltage, 5V
- Operating temperature, -10°C -50°C

What's in the box

- 1 x Main Unit
- 1 x Charging Cable

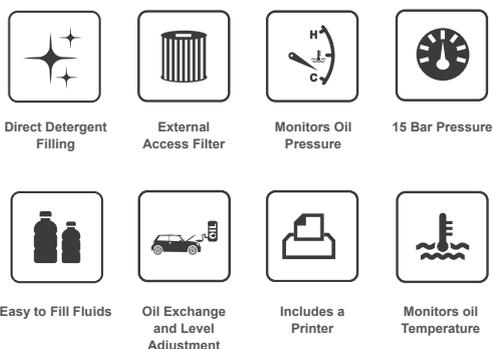
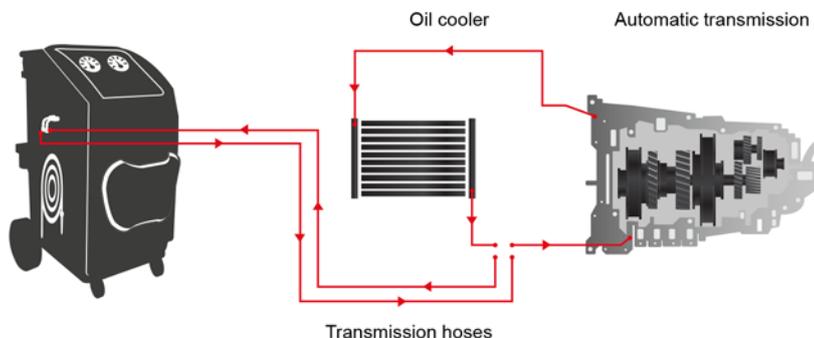


MAINTENANCE SERVICE



CAT-501S

Part No. CAT-1037001



Clean and maintain the entire transmission system quickly and easily with just one device.

With its range of automatic functions, the CAT-501S allows transmission experts to exchange the transmission fluid with one simple tool. The CAT-501S can also be used manually.



FEATURES AND FUNCTIONS

- Direct detergent filling
- Transmission fluid type can be chosen according to viscosity
- Includes a printer and illuminated visual indicator
- Suitable for used and new fluid
- Oil exchange and level adjustment
- Prints out the procedure and more vehicle data
Monitors oil temperature
- Monitors oil pressure
- Fluid tank can be emptied without removal

TECHNICAL DATA

Power Supply	AC 220 V / 50 Hz
Max. Power	150 W
Pressure Gauge	0 – 200 psi
Fluid Outlet Hose / Fluid Return Hose	2.500 mm
Fluid Draining Hose	Standard: 3.000 mm Optional: 5.000 mm
Fluid Tank	2 x 20 l
Equivalent Exchange Error	± 100 ml
Mean Exchange Speed	2 l / min
Noise	< 70 db
Size	590 x 700 x 1.037 mm (L x W x H)
Weight	78 kg

What's in the box

1 x Main Unit, 1 x Power Cable, 1 x Adapter Box



ATF Adapter Pack I – VII



This ATF Service Adapter European Pack is designed for an easy connection of ATF exchange equipment with cars' automatic transmissions. The adapters are designed and selected by experienced AT service mechanics and cover most AT used in European cars, including DSG, AISIN, CVT, etc. It also includes some extra hoses in different sizes, as well as some spare replacement O rings. All the adapters are provided in plastic boxes and are complete with instructions for use. The packs are easy to carry, use and store.

ATF Database

Part No. CAT-Database-1042001



ATF Adapter I – VII

Supported Manufacturers



ATF Adapter Pack I
AISIN, AUDI, CITROËN, DODGE JOURNEY, FIAT, OPEL, PEUGEOT, RENAULT, SEAT, SKODA, VW

Part No. ATF-PACK1-2741012



ATF Adapter Pack II
ALFA ROMEO, AUDI, FIAT, FORD, HUMMER, HYUNDAI, JAGUAR, LAND ROVER, MERCEDES, NISSAN, OPEL, SAAB, TOYOTA, VW, VOLVO

Part No. ATF-PACK2-2741013



ATF Adapter Pack III
AISIN, AUDI, BMW, CHRYSLER, FORD, GM, HONDA, LEXUS, MERCEDES-BENZ, MITSUBISHI, NISSAN, PORSCHE, TOYOTA, VW

Part No. ATF-PACK3-2741014



ATF Adapter Pack IV
CITROEN, MERCEDES-BENZ, NISSAN, PEUGEOT, VOLVO

Part No. ATF-PACK4-2741015



ATF Adapter Pack V
AUDI A6, AUDI Q5, AUDI S-tronics, AUDI 4G, SKODA, VW

Art.-Nr. ATF-PACK5-2741016



ATF Adapter Pack VI
CROWN, COROLLA, LAND CRUISER, LEXUS

Art.-Nr. ATF-PACK6-2741017



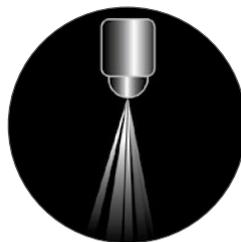
ATF Adapter Pack VII
BMW, CITROEN, JEEP, LAND ROVER FREELANDER, LAND ROVER AURORA, RANGE ROVER EVOQUE, RENAULT LAGUNA, VOLVO

Part No. ATF-PACK7-2741018

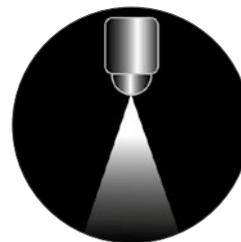


CNC-600 Series - Injector Service

Part No. CNC-603A-1036001

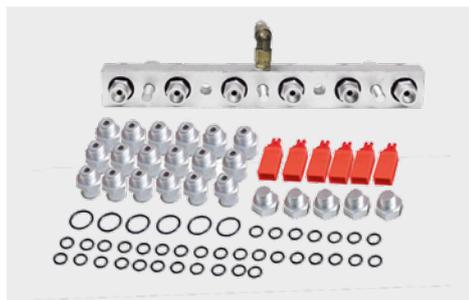


Before cleaning



After cleaning

Injector cleaner and tester combines ultrasonic cleaning with micro computer control technology.



Injection Components



Injection Components



Ultrasonic Device UB-15s

FEATURES

- Cleans several injectors simultaneously and completely removes carbon deposits on the injector
- Tests the uniformity of the amount injected by each injector and monitors each injector's spraying status with the help of backlight; this also tests reverse flush
- Tests the injectors' sealing and dribbling status under system pressure
- Checks the amount injected in 15 seconds of constant injection
- Tests injectors by simulating different working conditions
- Equipped with various adaptors and couplers

Accessories

Pulse Signal Connection Cable	0.5 and 0.8
Ultrasonic Cleaner Assembly Adaptor, 6 Cylinder	✓
Structure	desk

TECHNICAL DATA

Power Supply	AC 220 V / 50 Hz
Input Power	250 W
Cleaning Power	100 W
Speed Range	10 – 9.999 rpm
Time Range	1 – 9.999 s
Pulse Width Range	0.5 – 25 ms
Fuel Tank	2.500 ml
Environment Temperature	-10 °C – +45 °C
Relative Humidity	< 85%
Strength of External Magnetic Field	< 400 A/m
Size	385 × 410 × 500 mm (L × W × H)
Weight	35 kg



DPF Gun & Delivery Tube

Part No. DPFGUN-3027001

The Launch DPF cleaning gun is designed to help with the cleaning of Diesel Particulate Filters (DPF), a common problem with modern diesel vehicles. This is due to strict regulations designed to reduce harmful emissions, making DPFs a must-have.

Using the DPF gun, Launch UK cleaning fluid can be sprayed directly into the DPF or through the pressure sensor tube.

The gun is simply filled with Launch DPF cleaning fluid and connected to a compressed air line, enabling you to spray at pressure into the DPF.

Once sprayed, the fluid will start dissolving the soot inside the DPF filter.

This procedure can be carried out without removing the DPF from the vehicle.

+ Accessories

High temperature probe, for reaching deep into the hot DPF



DPF Gun Particulate filter cleaning fluid

Part No. DPFFLUID-2951002

Launch UK DPF fluid is a highly efficient product for use with the Launch UK DPF gun. It will dissolve soot build-up in the DPF filter, even from DPFs that will no longer respond to a forced regeneration. The process will reduce soot levels, allowing the DPF software to force a regeneration and recover the DPF filter.

Each one-litre bottle should be sufficient for two cars, heavy contamination may require a second treatment. The whole process can be undertaken with the DPF remaining in-situ and should take around 20-30 minutes



Recommended:
Case of 12 1000ml bottles.



Launch UK technical fluids



All Launch UK technical fluids are professional products containing high levels of active components resulting in successful and cost-effective treatments.

ATF Flush:

Part No. 2951013

Used during the transmission flush process, ATF flush will dissolve tars and gums, safely transporting contaminants from the transmission with the used fluid

ATF Conditioner:

Part No. 2951014

Compatible with all ATF fluids the conditioner has been developed to support the additive packs - essential for smooth, long life transmission performance.

Oil Performance Enhancer:

Part No. 2951013

Can be used to revitalise oil during an extended service life, or added to new oil strengthening the additive packs to support extreme use or long service intervals.

Advance Engine Flush:

Part No. 2951003

Added prior to an oil change, Advanced Engine flush will dissolve gums and tars present in the sump, narrow oilways, and hydraulic lifters etc. Ensuring the new oil will be effective until the next oil change.

DPF Cleaner & Restorer:

Part No. 2951008

Added to the diesel fuel tank; will help stop the build up of soot and carbon in the DPF filter, particularly suited to cars in city driving. It will help normal vehicle regeneration to take place. Is also added after treatment with the DPF gun

Petrol System Performance Plus:

Part No. 2951005

This product added to the fuel tank will clean the entire fuel system including the injectors, helping to bring down emissions, improving economy. Use at every service

Coolant System Sealant:

Part No. 2951009

Very effective at sealing coolant system leaks, it also contains a lubricant for the water pump.

Diesel System Performance Plus:

Part No. 2951006

Added to the fuel tank, it is a first-use product when any fuel related fault codes are present. Designed to clean and lubricate the fuel system, restoring lost performance and efficiency

Turbo - EGR - Cat & DPF cleaner:

Part No. 2951007

This product has been developed to clean contaminants throughout all post-combustion areas. It can clean the build up of carbon deposits in turbochargers, EGR valves, and coolers. Suitable for all diesel, hybrid, or petrol cars



Pro-1 Brake Fluid Exchanger

Part No. BLEEDER-1433001



FEATURES

- Pressure adjustable between 0.6-3.0 Bar
- 3.5M fluid delivery hose system pressure
- 5 Litre fluid tank
- One-man operation
- Complete with an E20 Euro reservoir adapter
- World adapter kit available

Accessories

World adapter kit
Part no. 1434001

11 adapters in a case covering:
Tesla
All European cars
All Asian Cars
USA cars

Motorcycle kit

The Launch UK PRO-1 brake fluid exchanger is a compact fully-featured brake and clutch fluid bleed and exchange device. It is suitable for all systems including ABS, ESP, EBS and Mercedes SBC.

The PRO-1 model is ideally suited for one-man operation. Generous 3.5 metre hoses allow access to all wheels, the 5 litre fluid reservoir has enough in reserve for all jobs.

Advanced features include pulsating pressure flow at 50Hz to help remove accumulated debris, zero pressure decoupling, and pump pressure monitoring

TECHNICAL DATA

Power Supply	AC 240 V / 50 Hz
Input Power	70 W
Pressure	0.6 - 3 Bar
Max Flow Rate	2.8L/min
Noise Level	70DB
Weight	6kg
Size	260 × 210 × 340 mm (L × W × H)



Pro-1 Plus Brake Fluid Exchanger

Part No. BLEEDERPLUS-1433002



The Launch UK PRO-1 plus brake fluid exchanger is a compact fully-featured brake and clutch fluid bleed and exchange device. It is suitable for all systems including ABS, ESP, EBS and Mercedes SBC.

The PRO-1 plus model is ideally suited for one-man operation. Generous 3.5 metre hoses allow access to all wheels, the 5 litre fluid reservoir has enough in reserve for all jobs.

Advanced features include pulsating pressure flow at 50Hz to help remove accumulated debris, zero pressure decoupling, and pump pressure monitoring.

The PRO-1 Plus model also features a suction pump allowing the removal of contaminated, or dirty fluid from the reservoir before exchanging, thus avoiding pumping through the braking system. The PRO-1 plus can also monitor for system leaks using the leak decay feature.

FEATURES

- Pressure adjustable between 0.6-3.0 Bar
- 3.5M fluid delivery hose system pressure
- Suitable for DOT3/4/5.1 brake fluids
- 5 Litre fluid tank
- Suction tank
- Easy one-man operation
- Supplied with an E20 Euro reservoir adapter
- Leak decay function

Accessories

World adapter kit	11 adapters in a case covering: Tesla All European cars All Asian Cars USA cars
Motorcycle kit	

TECHNICAL DATA

Power Supply	240V AC
Input Power	70W
Pressure	0.6 - 3 Bar
Max Flow Rate	2.8L/min
Noise Level	70DB
Weight	6.4kg
Size	264 × 260 × 340 mm (L × W × H)
Max Suction	0.2L/min



Smoke 1

Part No. SMOKE1-1430003



Optional, cylinder test kit

The Launch UK Smoke 1 diagnostic leak detector has been specifically designed for vehicles sold in Europe. It is ideal for finding leaks in petrol and diesel turbo systems.

The smoke vapour produced will quickly locate leaks in closed systems. such as Intercoolers, exhaust systems, intake manifolds, air, water leaks and much more.

The Smoke 1 is our entry level leak detector but has impressive performance and a comprehensive accessory kit.

FEATURES

- Portable machine, weighing just under 4kg
- Built-in compressor, delivering 5l/min of smoke vapour
- Suitable for all passenger car systems (except EVAP)
- Supports UV detection of leaks (torch & goggles req.)
- Smart, 5-minute smoke cycle
- Fast Smoke generation

What's in the box

- SMOKE 1 main unit
- Smoke delivery tube
- Pressure gauge
- Quick bladder to seal irregular openings
- Transport / hanging hook
- 12v power cables
- 100ml smoke fluid
- smoke diffuser tube
- ABS accessory case

Accessories

- Cap blanking set
- Flourescent test kit - UV torch and yellow goggles
- Ultraviolet torch 365nm wavelength
- Yellow goggles
- Multi-purpose test kit
- 250ml smoke producing fluid (Part no. 1231003)



Smoke 2

Part No. SMOKE2-1430004



Optional, multi-purpose test kit



Optional, pneumatic shock absorber test kit

The Launch UK Smoke 2 v2.0 diagnostic leak detector is engineered for the European market, by operating at a higher pressure than products designed for EVAP testing. The tool will find hard to locate leaks in petrol and diesel turbo systems, intake and exhaust systems, water leaks, and many more.

Optional Additions

Pneumatic shock absorber test kit: Used to smoke-test pneumatic shock absorbers found on Porsche, Bentley, some VW, and others. M8 & M12 fitting.

Cylinder test kit: For testing cylinder leaks with smoke V2 sizes M12 & M14

Multi-purpose test kit: Five adapters used to seal holes ranging from 17mm to 55mm.

FEATURES

- New ceramic heating element
- Internal compressor 8L per minute flow
- Fully portable only requires a 12V DC supply.
- Fast smoke generation with a smart five-minute cycle.
- Pressure gauge and LED flow meter
- Supports UV detection
- Suitable for all car systems except EVAP
- Smoke and air mode

What's in the box

- Smoke 2 main unit
- Smoke delivery tube
- Quick bladder, to seal irregular openings
- 12V battery Power cable
- Smoke diffuser tube
- Cap blanking set
- Cone blanking adapter 2cm-7cm
- ABS accessory case
- 100ml of smoke fluid

Accessories

- Cap blanking set
- Flourescent test kit - UV torch and yellow goggles
- Ultraviolet torch 365nm wavelength
- Cylinder test kit
- Multi-purpose test kit
- 250ml smoke producing fluid



AIR CONDITIONING SERVICE UNIT



ECOS 302 / 302YF

Part No. ECOS302-2620001

Part No. ECOS302YF-2620002



9 kg tank capacity

Air Conditioning
DiagnosisFully
AutomaticHighly Accurate
RecoveryHybrid Vehicles
ReadyAutomatic
Internal Flushing

HI-TECH

The Ecos 302, for R134a gas and the Ecos 302YF for 1234YF gas, are fully automatic air conditioning stations. They provide everything necessary for a successful recovery and recharge service.

The Ecos equipment is built from high quality internal components, to give long lasting and reliable service life.

They represent excellent value for money.

FEATURES

- The Ecos 302 & 302YF have a fully automatic work cycle with no manual taps.
- High precision 95% recovery function.
- USB ports to update the internal database, which includes commercial and agricultural vehicles.
- A heater belt, automatic oil injection and internal flushing are included.
- Ready for Hybrid or electric cars
- Rapid oil decontamination system.

TECHNICAL DATA

Gas - 302 302YF	R134a HFO1234YF
Tank Capacity	9KG
Full recovery	Yes
Scale Accuracy	+/- 5 g
Compressor	10 CC
Vacuum Pump	50 l/min
Air Purge	Automatic
Display	Graphic LCD128 X 64
Bluetooth	Yes, via the Oksys app
Internal Database	Yes
Heater Belt	Yes



ECK TWIN PRO Dual Gas

Part No. TWIN-1320003

The ECK Twin Pro is a fully automatic A/C service station for recovery, recycling and recharging with either R134a or HFO1234yf gas.

Using two discrete circuits, the TWIN maintains the purity of the refrigerant.

The user friendly machine with the patented Hybrid System, guarantees the efficient operation and cleaning of service hoses, couplings and connectors.

Pressure testing up to 15 bar



FEATURES

- User friendly, touchscreen operation
- Twin gas, fully separated.
- Fully automatic work cycle
- High precision recovery function.
- USB ports to update the internal database
- Hybrid-ready
- 2 x 2 litre refrigerant tanks, 4 separate lines
- Environmentally friendly - puff-free couplers & hose-length compensation
- Pressure testing up to 15 bar

TECHNICAL DATA 302/302YF

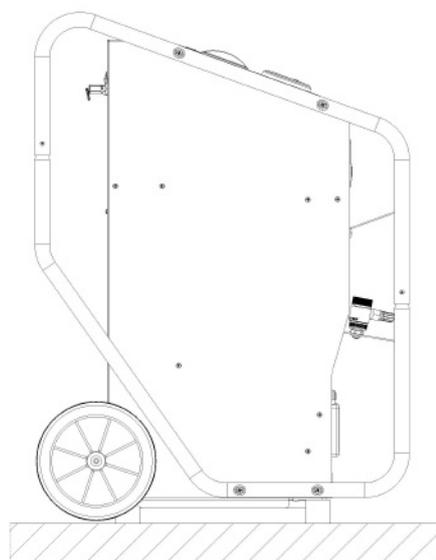
Gas	R134a and 1234YF
Display	7" LCD Touchscreen
Automatic recovery?	Yes
Bottle heater?	Yes
Compressors	2 x 1/3 HP
Vacuum Pump	100 l/min
Scale accuracy	+/- 5gr
Air Purge	Automatic
Dimensions	67 x 62 x 107 cm, 122 KG
Bottles	2 x 12.5kg



Launch UK Agricolod 302 & 302 YF

Part No. AGR-2620004

Part No. AGR-2620005



The Agricolod range of air conditioning service stations have been developed for use with agricultural, earth moving, and other industrial equipment that cannot be transported to the workshop. Specification includes a reinforced electronic scale, robust and stable construction to ensure accurate operation in harsh environments and notably - 7 Metre hoses, for those big awkward jobs!

The Agricolod range offers fully automatic recovery and recharge functions with automatic air purge. Both models include an internal updateable database, which includes passenger cars, commercial vehicles, and agricultural equipment. Automatic oil injection and internal flushing are also featured.

The Agricolod models are suitable to use on passenger cars and are also hybrid and electric car ready.

TECHNICAL DATA 302/302YF

Gas	R134a or 1234YF
Display	Graphic LCD 264X64
Automatic recovery?	Yes
Heater Belt	Yes
Compressor	10 CC
Vacuum Pump	100 l/min
Scale accuracy	+/- 5gr
Air Purge	Automatic
Dimensions	55 x 63 x 88 cm (L x B x H)
Hoses	7 metres



TESTING TOOLS



BST-860

Portable Battery System Tester

Part No. BST860-1049022



Six Types of Tests

-  Battery Test
-  Ripple Detection
-  Starter Test
-  Electric Current Test
-  Voltage Test
-  Charging System Test



The new BST-860 battery tester system with integrated printer offers a complete solution for testing 6 V, 12 V and 24 V batteries and related electrical systems, providing customers with a useful report.

Suitable for the following vehicles

Car, motorcycles, lawn mowers and other gardening machines, Group 31, commercial vehicles 4D / 8D.

Applicable battery types

6 V and 12 V batteries (Lead-acid battery, gel battery and AGM battery).

FEATURES

- Suitable for a variety of vehicle types, battery types and calibration systems
- Battery and circuit system can be detected simultaneously
- Quick and accurate battery test results (within 3 sec.)
- Results of the battery test: "Good" or "Replace"
- Can be used for batch battery inspection by continuously repeated testing
- Supports automatic temperature compensation function
- Large screen with backlight and user-friendly interface
- Supports multiple languages menu
- Built-in thermal printer
- USB port for exporting service records

Scope of Delivery

1 x Main Unit, 1 x Double Clamp Power Line, 2 x Print Rolls, Unit Bag

Languages

A) European Configuration	English, German, Italian, French, Polish, Russian
B) European Configuration	Dutch, Swedish, Finnish, Turkish, Danish, Norwegian
C) European Configuration	Romanian, Bulgarian, Serbian, Slovak, Czech, Hungarian

TECHNICAL DATA

Display	4-Line Graphic LCD-Display with Backlight
Test Cable	80 cm Standard Cable
Working Temperature	- 18 ~ 50 °C
Dimension	188 x 95 x 41 mm (L x W x H)
Case Material	ABS Acid-Proof Plastic, Industrial Case Design, Suitable for Repair Workshops
Weight	450 g

TEST RANGE

CCA	100 ~ 2.000	JIS	26A17 ~ 245H52
DIN	100 ~ 1.400	CA	100 ~ 2.000
EN	100 ~ 2.000	MCA	100 ~ 2.000
IEC	100 ~ 1.400	BCI	100 ~ 2.000
SAE	100 ~ 2.000	GB	30 Ah ~ 200 Ah



BST-360

Bluetooth Battery System Tester

Part No. BST360-1049022



The new BST-360 Bluetooth battery tester system offers a novel solution for testing 6V, 12V batteries and related electrical systems, using your Launch X431 tool, or any android or iOS device, to view the output and provide customers with a useful report.

FEATURES

- Suitable for a variety of vehicle types, battery types and calibration systems
- Battery and circuit system can be detected simultaneously
- Quick and accurate battery test results (within 3 sec.)
- Results of the battery test: "Good" or "Replace"
- Can be used for batch battery inspection by continuously repeated testing
- Supports automatic temperature compensation function
- Large screen with backlight and user-friendly interface
- Supports multiple languages menu
- Built-in thermal printer
- USB port for exporting service records



TEST RANGE			
CCA	100 ~ 2.000	JIS	26A17 ~ 245H52
DIN	100 ~ 1.400	CA	100 ~ 2.000
EN	100 ~ 2.000	MCA	100 ~ 2.000
IEC	100 ~ 1.400	BCI	100 ~ 2.000
SAE	100 ~ 2.000	GB	30 Ah ~ 200 Ah



Universal Breakout leads

Part No. BREAKOUT-1012006



The professional way to test component pinouts and connectors. The Launch Universal Breakout kit provides all the leads and connectors necessary to tap into your circuit without damaging the components. This top-quality kit comes in an equally solid case and will suit all passenger cars and light vehicles.



FEATURES

- 12 x 6 'Y' Leads
- 6 Extension cables
- 6 Splitters
- Manual
- Solid case





Packing size

	Product	Dimensions / mm	Weight / kg
Air Conditioning Service Unit	ECOS 302	540 x 570 x 1.070	64 kg
	ECOS 302YF	540 x 570 x 1.070	64 kg
	ECK TWIN		
	Agricold		
Maintenance Service	CAT-501S	788 x 662 x 1156	78
	ATF Adapter Pack (Europe) I-III	340 x 260 x 290	8.5
	ATF Adapter Pack (Europe) IV	345 x 295 x 90	2.5
	ATF Adapter Pack (Europe) V, VI, VII	345 x 295 x 90	2.5
	CNC-602 A	695 x 495 x 600	41
	CNC-603 A	438 x 438 x 528	13
Semi-Professional Diagnostics	Creader Professional 123, 129 Premium	240 x 200 x 45	0.8
	Creader Professional 129, 123 EVO	272 x 218 x 80	1
	Creader Professional MOT III	265 x 180 x 105	1.5
	BST-860	260 x 150 x 50	0.5
	TIT-201	325 x 125 x 295	1.85

LAUNCH UK Ltd
Huxley Close
Newnham Industrial Estate
Plymouth
PL7 4JN
United Kingdom

+44 (0)1752 344989
www.launchtech.co.uk
sales@launchtech.co.uk

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