

LAUNCH

X-431 PRO3 V4.0

Introduction

Prepared by IT Department

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Product Description

The host adopts Lenovo customized tablet computer with fast speed and high stability.

Wide coverage of car models, powerful diagnostic functions, accurate diagnostic data, a large number of special functions; support the functions Read DTCs, Clear DTCs, Read Data Streams, Actuation Test, Special Functions, Matching, Coding; guidance function for VW and Audi

Support expansion module: endoscope and anti-theft key matching

Product Description

X-431 PRO3 V4.0 is Launch's latest PRO3 series product with the following features: powerful hardware upgrade; adopt Android 9.0 system, 8-core 1.8GHz processor, 1920x1200 IPS high-definition display, 3GB running storage, 32GB internal storage, running faster and more stable; DBS carIV connector portable, small, and anti-skid design, can be directly placed into the host connector slot, easy to use, not easy to lose

X-431 PRO3 V4.0 inherits many advantages of X-431 PRO3 V3.0, such as wide coverage of car models, powerful diagnostic functions, and accurate test data. It supports the diagnostic functions including Read DTCs, Clear DTCs, Read Data Streams, Actuation Test, Special Functions, Coding, and Matching, realizing full car model and system fault diagnosis.

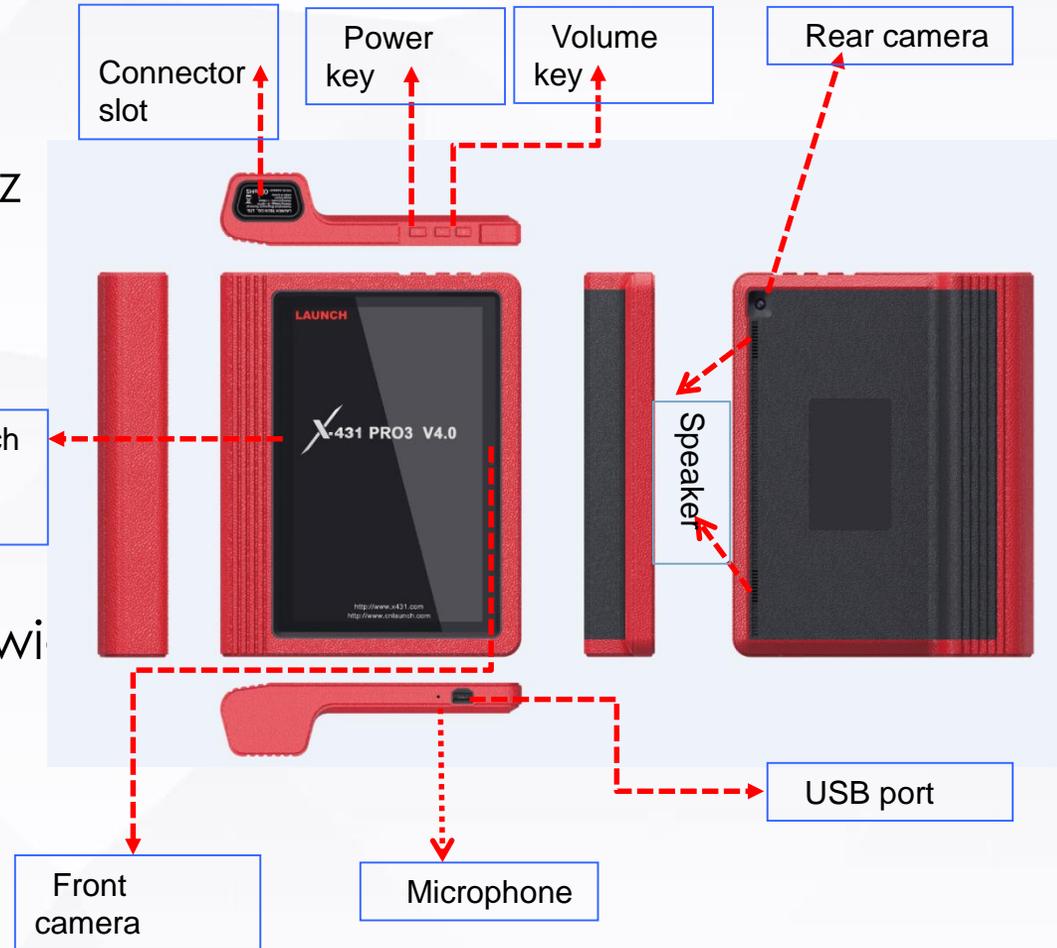


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Product Parameters

PRO3 V4.0 Host Parameters

- Operating system: Android 9.0
- CPU: Qualcomm Snapdragon 450, 8-core 1.8GHz
- Memory: 3GB
- Storage: 32GB (support up to 128GB expansion)
- Display screen: 10.1-inch, 1920x1200 FHD IPS
- Camera: front 5 million, rear 8 million pixel
- Wi-Fi: 802.11 a/b/g/n/ac (2.4GHz /5GHz)
- Dimension: 265mmX214.5mmX50.5mm (length * width * height)
- Working temperature: 0°C~50°C



DBS carl V Connector Parameters

X-431 PRO 3 V4.0 adopts the new DBS carlV diagnostic connector with small size and high stability. The push to push design is adopted and it is more convenient to use. The same connector is used for diagnosis and matching. The connector supports fault tolerance CAN diagnosis. Detailed parameters are as follows:

- Dimension: 58×47×24 mm (without plug)
- Working voltage: 9V DC--18V DC
- Test voltage: DC12V
- Typical power consumption $\leq 2W$
- Diagnostic mode: Bluetooth
- Working temperature: 0°C~50°C
- Indicator lamp (red): turns red when connected to power supply.
- Indicator lamp (blue): turns blue in wireless Bluetooth mode.



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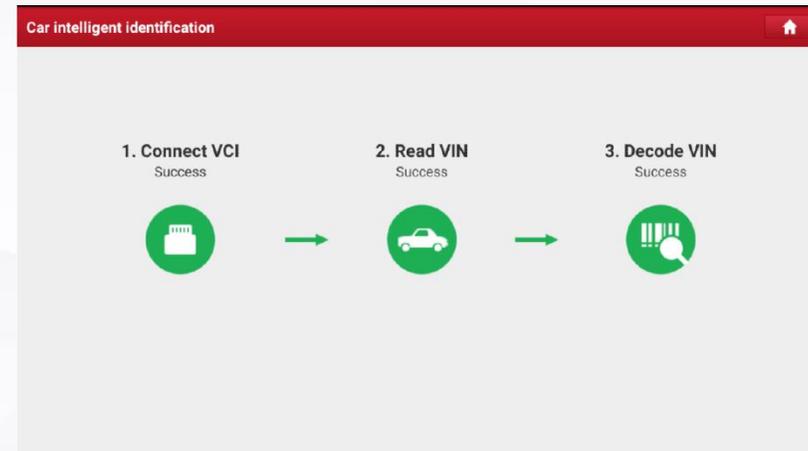
Product Functions

Intelligent diagnosis, traditional diagnosis, special functions, remote diagnosis, ADAS module, software upgrade, diagnostic records, diagnostic feedback, maintenance materials, vehicle coverage, etc.

Intelligent Diagnosis

Launch, with more than 20 years of accumulated auto diagnostic technology, was the first to propose intelligent diagnosis. Identify vehicle information quickly by VIN, enter the vehicle diagnosis, and view the vehicle diagnostic record history to quickly enter the diagnosis.

The screenshot shows the main application interface with a red header bar containing the text "X-431 PRO3 V6.00.042" on the left and "Login" on the right. Below the header is a grid of icons for different functions. The top row has two large icons: a blue cloud with three nodes (labeled "Intelligent Diagnose") and a red icon of a person with a wrench (labeled "Local Diagnose"). The middle row contains five smaller icons: an orange arrow pointing up (labeled "Software Update"), a blue calendar icon (labeled "Diagnostic History"), an orange circular arrow with a wrench (labeled "Reset"), a blue stethoscope icon (labeled "Remote Diagnose"), and a green pencil icon (labeled "Feedback"). The bottom row contains five more icons: a blue car with a list (labeled "Maintenance"), an orange person icon (labeled "User Info"), a blue car with sound waves (labeled "ADAS"), a blue car with a list (labeled "Vehicle Coverage"), and a grey grid icon (labeled "Other Modules").



The screenshot shows the "AutoDetect Result" screen with a red header bar. On the left, there is a list of vehicle information: "Year:2011.03", "Make:BMW", "Model:X6 xDrive35i", "Engine Model:", "Engine Size:", and "VIN:WBAFG21028L507724". On the right, there are two large buttons: "Diagnostic" with a red person and wrench icon, and "Scan History" with a blue wrench icon. Below these buttons, there is a "Software" section with the text: "BMW Series V50.40 All Systems. The software can diagnose the elec. control sys. of BMW coverage from 1990-2019, include ENGINE/ CHASSIS/ BODY and other parts. The operation is the same as the original scan tool."

Traditional Diagnosis

Intelligent diagnosis cannot be used when there is no network. At this time, you can select traditional diagnosis and manually select car series and car model to inspect cars.

Wide coverage of car models, powerful diagnostic functions, support the functions Read DTCs, Clear DTCs, Read Data Streams, Actuation Test, Special Functions, Matching, Coding, etc.

The 'Local Diagnose' interface features a search bar at the top right with the placeholder text 'Enter the mod...'. Below the search bar are navigation tabs: 'VIN scan', 'All' (selected), 'Common', 'American', 'European', 'Asian', and 'Chinese'. The main area is a grid of 18 buttons, each representing a car brand. Each button is labeled 'Diagnostics for' at the top, the brand name in the center, and 'by LAUNCH' at the bottom. The brands included are: DEMO, EOBD, ABARTH, ACURA, ALFA ROMEO, ASTONMARTIN, AUDI, BAIC SENOVA, BAIC WEIWANG, BAIC NEW ENERGY, BEIJING (BAIC), BENTLEY, BMW, BRILLIANCE, BUGATTI, BUICK, CADILLAC, and CHANGAN.

The 'Show Menu' interface has a red header with navigation icons (home, print, share) on the right. Below the header, the text reads 'DEMO V15.21 > Select Test Item'. The main content area contains three menu items: 'Health Report', 'System Scan', and 'System Selection'. At the bottom, there is a grey bar with the text 'Volkswagen Touareg 2012 VIN WVGF98P4CDG0000'.

The 'Data Stream' interface has a red header with navigation icons on the right. Below the header, the text reads 'DEMO V15.21 > System Selection > ABS(Anti-lock Braking System)'. The main area displays four graphs: 'Antilock Braking System Traction Control Valves - ... OFF', 'Antilock Braking System Traction Control Valves - ... OFF', 'Brake Fluid Line Hydraulic Pressure 0(Kpa)', and 'Brake On/Off OFF'. Below these are two more graphs: 'Lateral Acceleration -0.02(g)' and another unlabeled graph. At the bottom, there is a grey bar with the text 'FORD F-350 2012 VIN 1FTBW3D19CEB00000'. The bottom right corner has navigation links: 'Previous Page', 'Next Page (1 / 1)', and a row of buttons: 'Save Sample', 'Combine', 'Value', 'Report', and 'Record'.

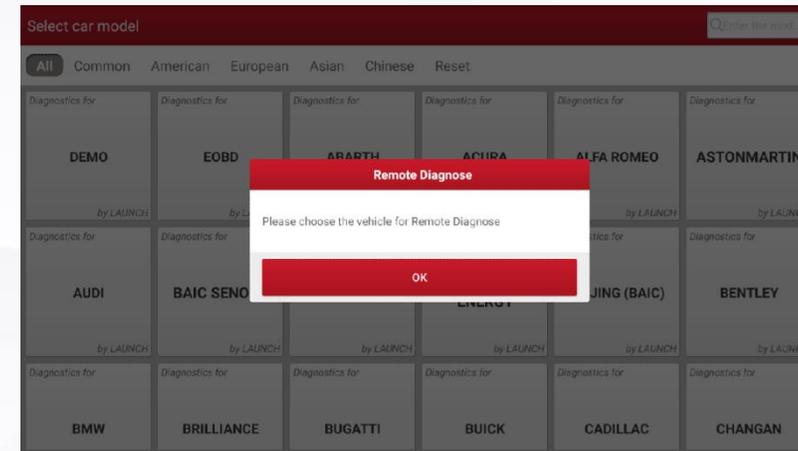
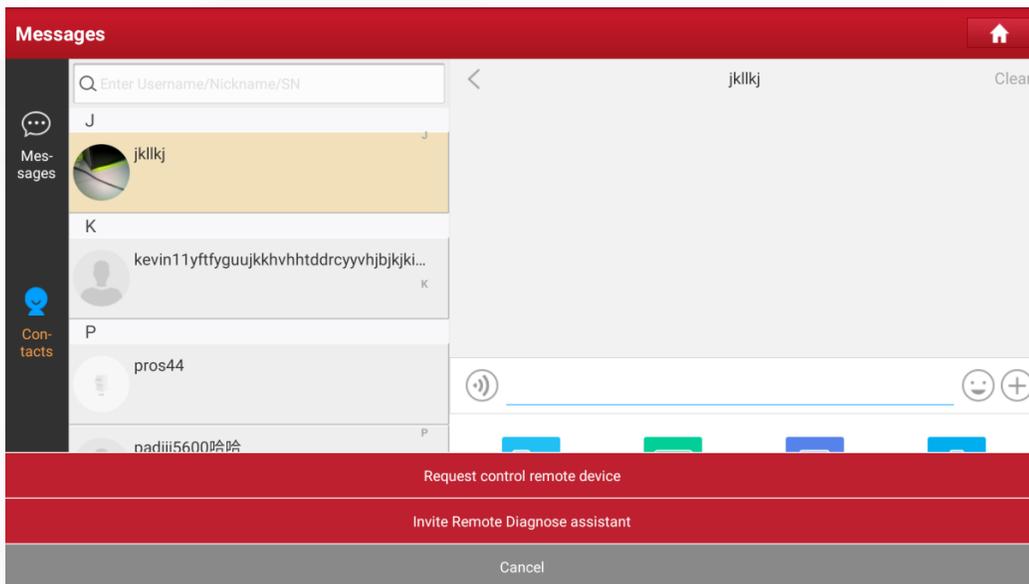
Special Functions

Support the following 15 common special functions for most models: service lamp reset, throttle matching, steering angle reset, brake pad reset, tire pressure reset, immobilizer matching, ABS bleeding, battery matching, tooth learning, injector coding, DPF regeneration, headlight matching, gearbox matching, suspension matching, sunroof initialization

Reset 				
BRAKE RESET <i>by LAUNCH</i>	OIL RESET <i>by LAUNCH</i>	SAS RESET <i>by LAUNCH</i>	BAT. RESET <i>by LAUNCH</i>	BLEEDING <i>by LAUNCH</i>
<i>Diagnostics for</i> ETS RESET <i>by LAUNCH</i>	<i>Diagnostics for</i> TPMS RESET <i>by LAUNCH</i>	<i>Diagnostics for</i> DPF REG. <i>by LAUNCH</i>	<i>Diagnostics for</i> AFS RESET <i>by LAUNCH</i>	<i>Diagnostics for</i> GEAR LEARN <i>by LAUNCH</i>
<i>Diagnostics for</i> GEARBOX	<i>Diagnostics for</i> IMMO	<i>Diagnostics for</i> INJECTOR	<i>Diagnostics for</i> SUNROOF	<i>Diagnostics for</i> SUS RESET

Remote Diagnosis

The independently-developed remote diagnosis can realize real-time communication between devices or between device and computer to complete remote diagnosis, making it possible for repair technicians to diagnose vehicles thousands of miles away.



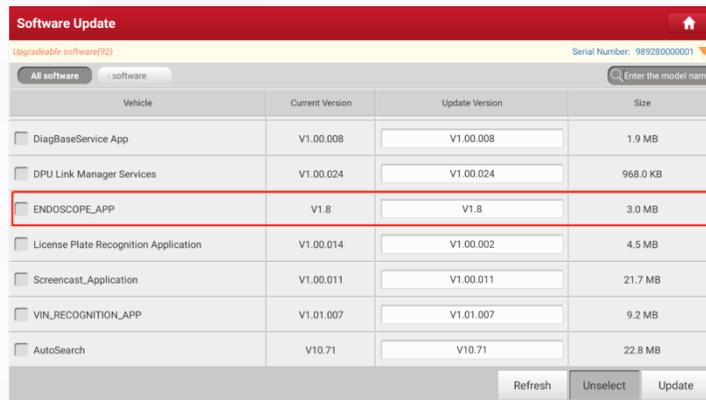
Expansion Module - Endoscope and Anti-theft Key Matching

将主APP升级到5.02.023版本或以上，再到升级中心，下载安装内窥镜小程序，可搭配内窥镜硬件使用！

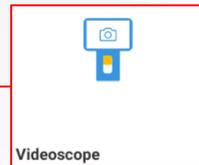
Support expansion module: endoscope and anti-theft key matching

Endoscope

Can be used with Launch endoscope.

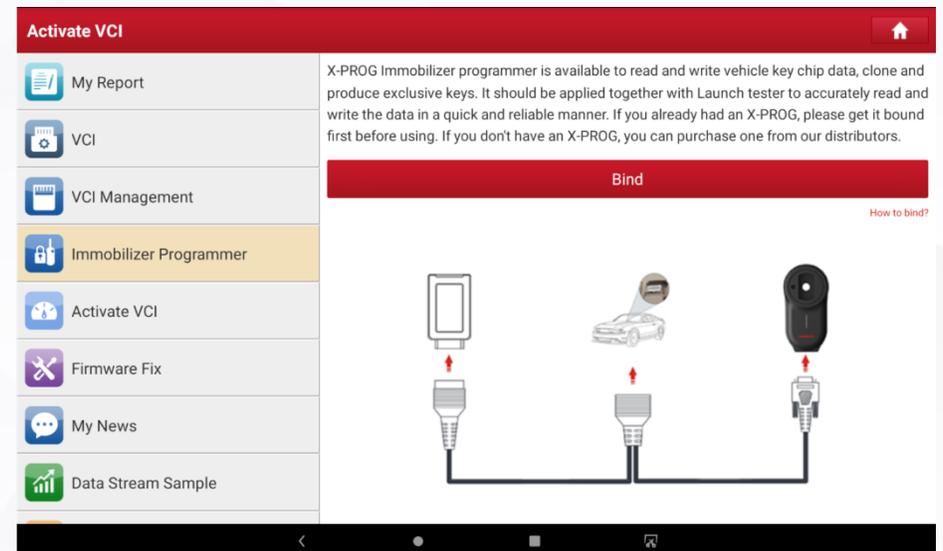


Vehicle	Current Version	Update Version	Size
<input type="checkbox"/> DiagBaseService App	V1.00.008	V1.00.008	1.9 MB
<input type="checkbox"/> DPU Link Manager Services	V1.00.024	V1.00.024	968.0 KB
<input type="checkbox"/> ENDOSCOPE_APP	V1.8	V1.8	3.0 MB
<input type="checkbox"/> License Plate Recognition Application	V1.00.014	V1.00.002	4.5 MB
<input type="checkbox"/> Screenshot_Application	V1.00.011	V1.00.011	21.7 MB
<input type="checkbox"/> VIN_RECOGNITION_APP	V1.01.007	V1.01.007	9.2 MB
<input type="checkbox"/> AutoSearch	V10.71	V10.71	22.8 MB



Anti-theft key matching

Can be used with Launch X-431 G anti-theft key adapter.



Activate VCI

- My Report
- VCI
- VCI Management
- Immobilizer Programmer
- Activate VCI
- Firmware Fix
- My News
- Data Stream Sample

X-PROG Immobilizer programmer is available to read and write vehicle key chip data, clone and produce exclusive keys. It should be applied together with Launch tester to accurately read and write the data in a quick and reliable manner. If you already had an X-PROG, please get it bound first before using. If you don't have an X-PROG, you can purchase one from our distributors.

Bind

How to bind?



Support ADAS Module

Support the ADAS calibration function. To use this function, you need to purchase Launch ADAS calibration device and activate ADAS software.

使用!

ADAS

 ADAS Calibration	 Product introduction	 Product manual	 Adjustment steps	 ADAS Vehicle Coverage
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Software One-click Upgrade

Support online smart one-click upgrade for car software.

To enjoy better functions and upgrade services, upgrade software a periodically.

Software Update

Upgradeable software(92) Serial Number: 989280000001

All software | **ire** | **Comm**

Vehicle	Current Version	Update Version	Size
<input checked="" type="checkbox"/> APP application program	V6.00.042	<input type="text" value="V6.00.044"/>	79.6 MB
<input checked="" type="checkbox"/> AUST FORD 		<input type="text" value="V46.68"/>	3.1 MB
<input checked="" type="checkbox"/> AUSTHOLDEN 		<input type="text" value="V43.60"/>	25.1 MB
<input checked="" type="checkbox"/> BAIC 	V11.32	<input type="text" value="V11.36"/>	8.3 MB
<input checked="" type="checkbox"/> BMW/MINI/HCBMW/ROLLSROYCE 		<input type="text" value="V50.40"/>	527.3 MB
<input checked="" type="checkbox"/> DR 		<input type="text" value="V10.01"/>	11.9 MB
<input checked="" type="checkbox"/> Elec. Throttle RLRN 		<input type="text" value="V10.85"/>	87.9 MB

Diagnostic Records

Local maintenance history records are recorded. You can view historical car diagnosis records. Therefore, you can quickly access the car system when you want to diagnose the car again.

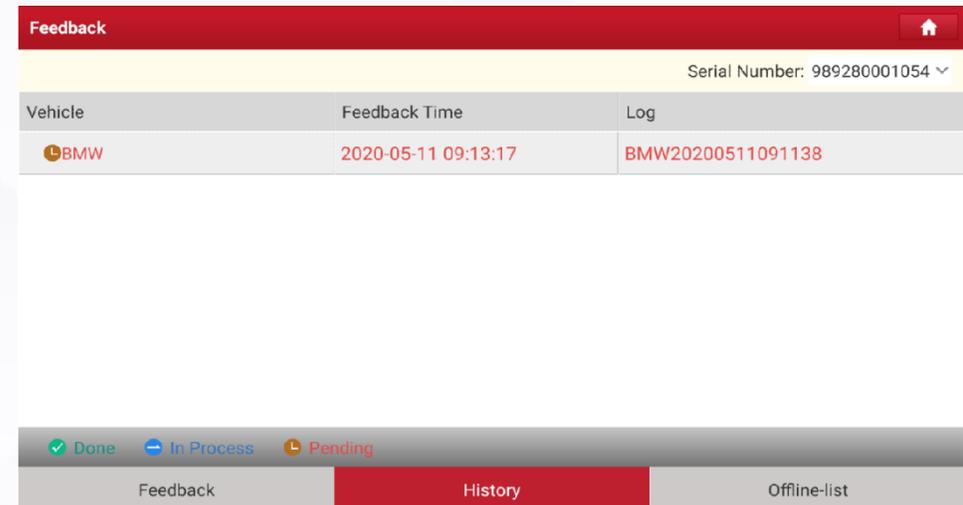
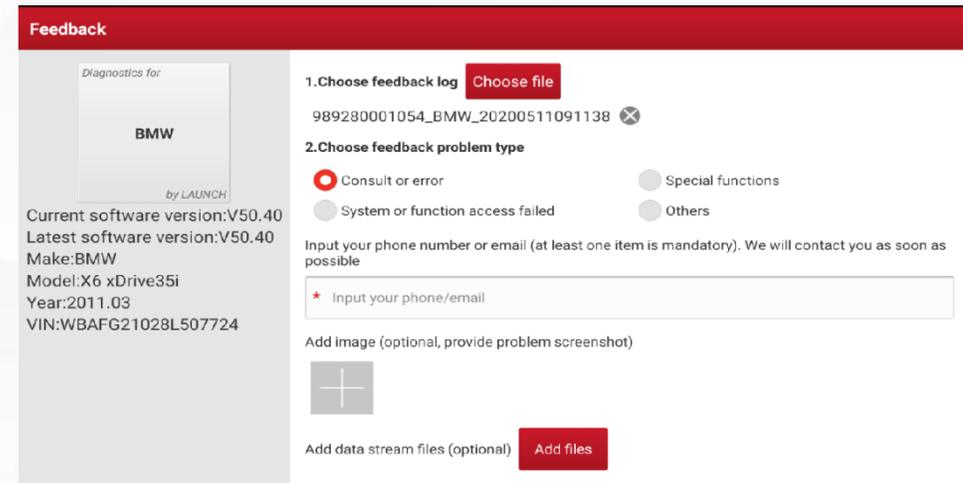
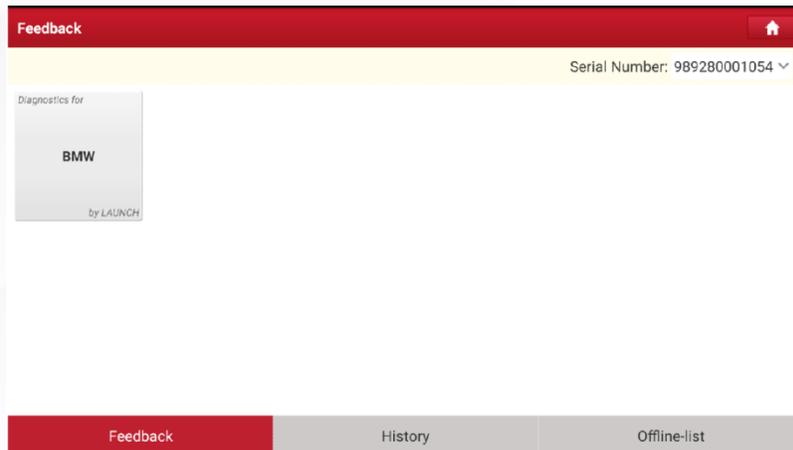
Diagnostic History

Optional Device(4) Serial Number: 989280001054

2020/05 (2)	<input type="checkbox"/>	Diagnostics for DEMO <small>by LAUNCH</small>	VIN 1FT8W3DT9CEB00000 DEMO	Number of diagnostic systems: 1 DTC:0 2020-05-10 04:45:20PM	Quick Access
	<input type="checkbox"/>	Diagnostics for DEMO <small>by LAUNCH</small>	VIN WVGFF9BP4CD000000 DEMO	Number of diagnostic systems: 21 DTC:2 2020-05-10 04:43:37PM	Quick Access

Diagnostic Feedback

Local maintenance history records are recorded. You can view historical car diagnosis records. Therefore, you can quickly access the car system when you want to diagnose the car again.



Vehicle Coverage

You can query various brands of testable models, model years, systems, and functions.

Vehicle Coverage Home Help

Passengercar series Heavyduty series

diagnostic for AFS RESET by launch	diagnostic for BAT. RESET by launch	diagnostic for BLEEDING by launch	diagnostic for BRAKE RESET by launch	diagnostic for DPF REG. by launch	diagnostic for ETS RESET by launch	diagnostic for GEAR LEARN by launch	diagnostic for GEARBOX by launch
diagnostic for IMMO by launch	diagnostic for INJECTOR by launch	diagnostic for OIL RESET by launch	diagnostic for SUS RESET by launch	diagnostic for SAS RESET by launch	diagnostic for SUNROOF by launch	diagnostic for TPMS RESET by launch	diagnostic for AUSTHOLDEN by launch
diagnostic for ASTONMARTIN by launch	diagnostic for AUDI by launch	diagnostic for AUSTFORD by launch	diagnostic for BRILLIANCE by launch	diagnostic for BMW by launch	diagnostic for BAIC by launch	diagnostic for BXGM by launch	diagnostic for BYD by launch
diagnostic for CHANGHE by launch	diagnostic for CHRYSLER by launch	diagnostic for CHERY by launch	diagnostic for CITROEN by launch	diagnostic for CHANGAN by launch	diagnostic for DR by launch	diagnostic for DAEWOO by launch	diagnostic for DAIHATSU by launch

Vehicle Coverage Home Help

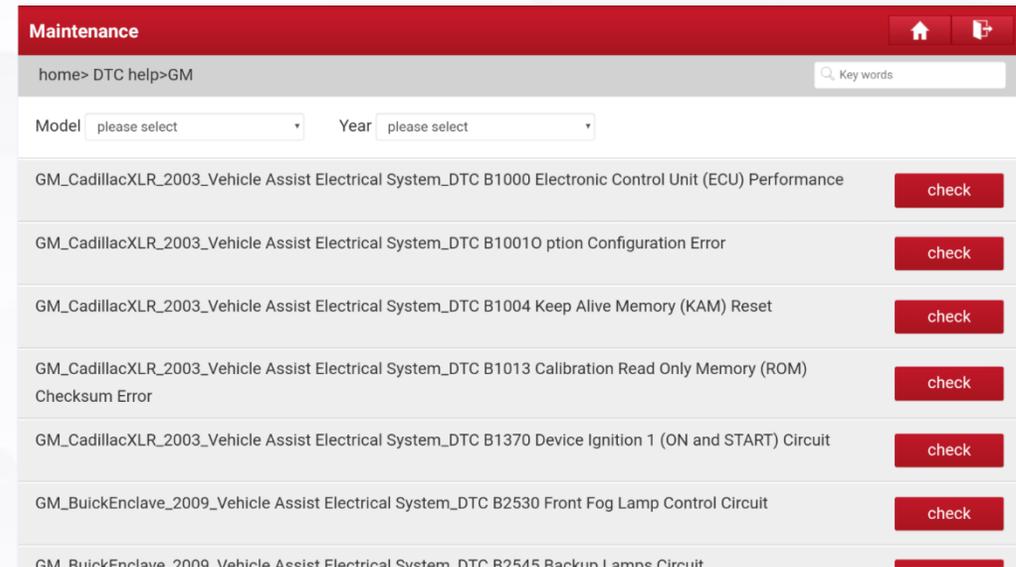
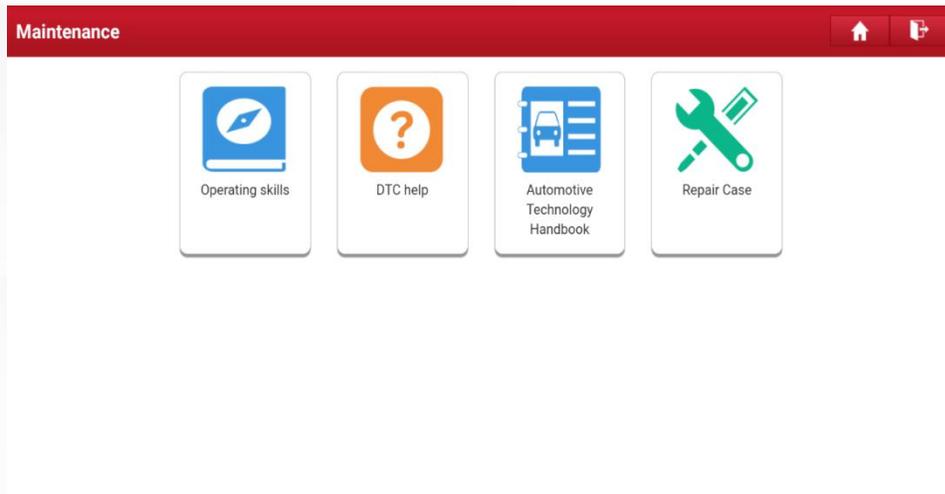
Back Passengercar series >AUDI Version:28.65

Model
Year
System
Function

#	Model	Year	System	Function	Sub function
1	Audi A1	2020	01 Engine Control Module 1	Clear Fault Codes	
2	Audi A1	2020	01 Engine Control Module 1	Clear Fault Codes	
3	Audi A1	2020	01 Engine Control Module 1	Measuring Blocks	
4	Audi A1	2020	01 Engine Control Module 1	Measuring Blocks	
5	Audi A1	2020	01 Engine Control Module 1	Output Tests	Activate Parking Lock Solenoid
6	Audi A1	2020	01 Engine Control Module 1	Output Tests	Activate Transmission Oil Pump
7	Audi A1	2020	01 Engine Control Module 1	Output Tests	Activation A/C Compressor
8	Audi A1	2020	01 Engine Control Module 1	Output Tests	Activation Engine Compartment Fan
9	Audi A1	2020	01 Engine Control Module 1	Output Tests	Activation For Electrical Reserve Coolant Pump in HT Circuit
10	Audi A1	2020	01 Engine Control Module 1	Output Tests	Activation For Electrical Reserve Coolant Pump in NT Circuit
11	Audi A1	2020	01 Engine Control Module 1	Output Tests	Activation Of Map Controlled Thermostat
12	Audi A1	2020	01 Engine Control Module 1	Output Tests	Activation Radiator Shutter
13	Audi A1	2020	01 Engine Control Module 1	Output Tests	Actuator 1 For Engine Noise Generation

Maintenance Materials

Provide an over 10000-GB maintenance database for more than 1600 car models. The maintenance database contains circuit diagrams, maintenance manuals, maintenance cases, operation skills, and so on. You can view it online at any time. Provide detailed DTC online help so that maintenance technicians can quickly rectify faults and improve diagnosis efficiency.



Product Appendix **4**



Attachment: Product Configuration

Configuration has been established:

Code	Configuration Name	Remarks
301190651	X-431 PRO3 overseas standard configuration (V4.0, American standards)	American standards indicate that the American-standard adapter is configured.
301190652	X-431 PRO3 overseas standard configuration (V4.0, European standards)	European standards indicate that the European-standard adapter is configured.
301190653	X-431 PRO3 overseas standard configuration (V4.0, British standards)	British standards indicate that the British-standard adapter is configured.
301190654	X-431 PRO3 overseas standard configuration (V4.0, Australian standards)	Australian standards indicate that the Australian-standard adapter is configured.

Attachment: Comparison of New and Old Product Device Parameters

Product Parameters	X-431 PRO3 V4.0	X-431 PRO3 V3.0
Operating System	Android 9.0	Android 7.1
CPU	Qualcomm Snapdragon 450, 8-core 1.8GHz	Qualcomm APQ8017 4-core 1.4GHZ
Running Storage	3GB	2GB
Internal Storage	32GB	16GB
Battery Capacity	7000mAh	7000mAh
Screen	10.1 inch, 1920x1200 FHD IPS	10.1 inch, 1200x800 IPS
Camera	Front 5 million, rear 8 million	Rear 5 million
WIFI	2.4GHz /5GHz	2.4GHz
Dimension	265mmX214.5mmX50.5mm (length * width * height)	264 × 210 × 30 mm (length * width * height)

LAUNCH

Thank you for watching.

Prepared by IT Department