

LAUNCH

X-431 EURO PRO5

Professional Diagnostic Device



Introduction

- X-431 EURO PRO 5, based on Android 9 system, is a new high-end vehicle diagnostic device developed by LAUNCH. It passes on LAUNCH's advantages in diagnostic technology, such as wide car model coverage, powerful test function, abundant special functions and accurate test data.
- Integrated with Guided Diagnosis function based on LAUNCH electronic database, powered by Haynes Pro
- Supports both 2.4GHz and 5GHz Wifi
- Also X-431 EURO PRO 5 has a more user-friendly high quality industrial design for better protection.

Tablet information

- OS: Android 9.0
- CPU: 1.8 GHz 8 Cores
- RAM: 4GB
- Storage: Internal 64GB + microSD card 32GB
- Screen: 10.1" 1920x1200 FHD IPS
- Battery: 7000mAh
- Wifi: 2.4GHz and 5GHz
- Camera: Front 5MP, Rear 8MP



Back bracket & Docking station

Back bracket

smart design for the convenient placing



Stand

Practical storage for the connector and printer



Connector

Portable design and stable connection

- Working Voltage: 9V DC-18V DC
- Test Voltage: DC12V
- Power Consumption: $\leq 2W$
- Diagnostic Method: Bluetooth
- Working Temp.: $-10^{\circ}C$ $-50^{\circ}C$
- Dimension: 69x40x18mm

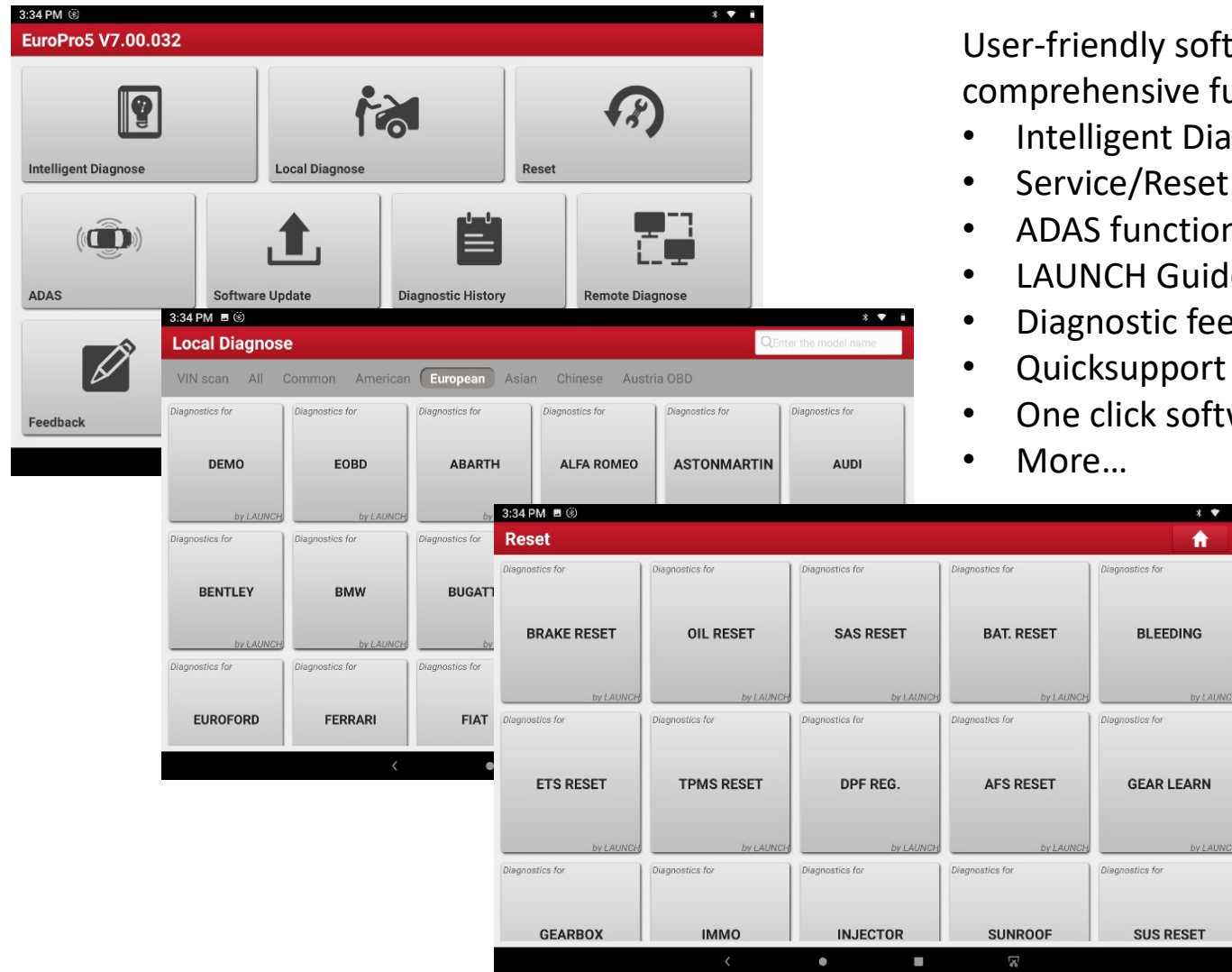


Comparison



	X-431 EURO PRO5	X-431 EURO PRO4
Processor	1.8 GHz 8 cores	1.4 GHz 4 cores
RAM/Storage	4GB/64GB+32GB	2GB/16GB+32GB
Display	10.1 inch, 1920x1200	10.1 inch, 1280x800
Battery	7000mAh	7000mAh
Operation system	Android 9.1	Android 7.1
Wifi	2.4GHz and 5GHz	2.4GHz
LAUNCH Guided Diagnosis function — HaynesPro Electronics	1 year included	optional

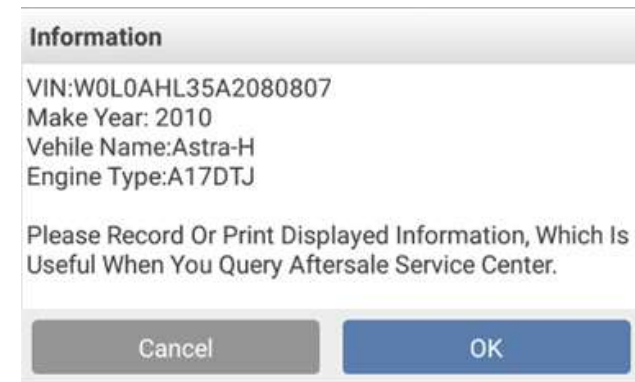
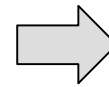
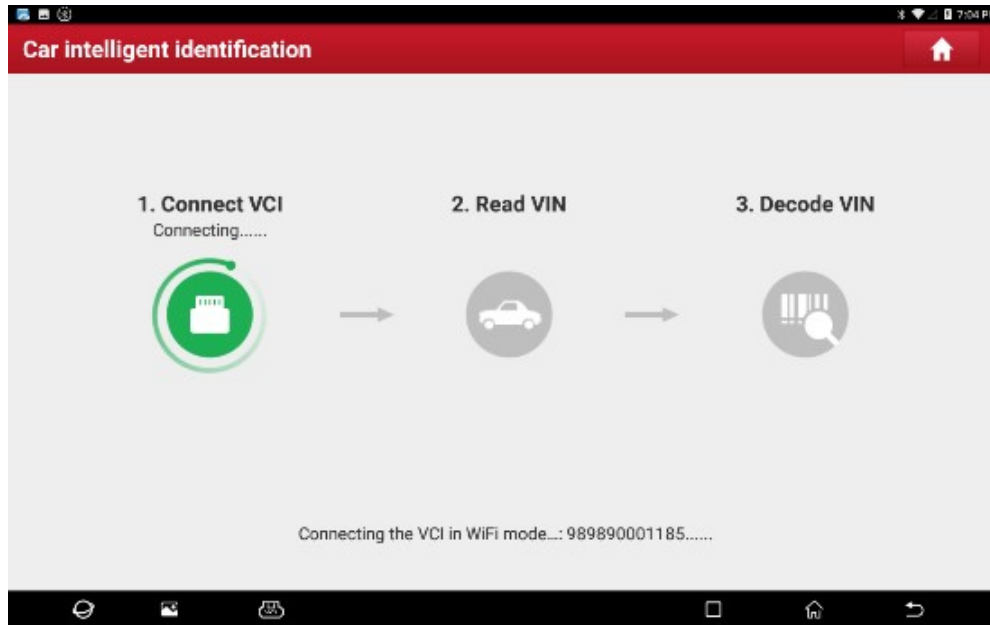
Comprehensive Diagnostic Functions



User-friendly software interface with comprehensive functions:

- Intelligent Diagnose for 70+ car make
- Service/Reset functions
- ADAS function
- LAUNCH Guided Diagnosis function
- Diagnostic feedback
- Quicksupport
- One click software update
- More...

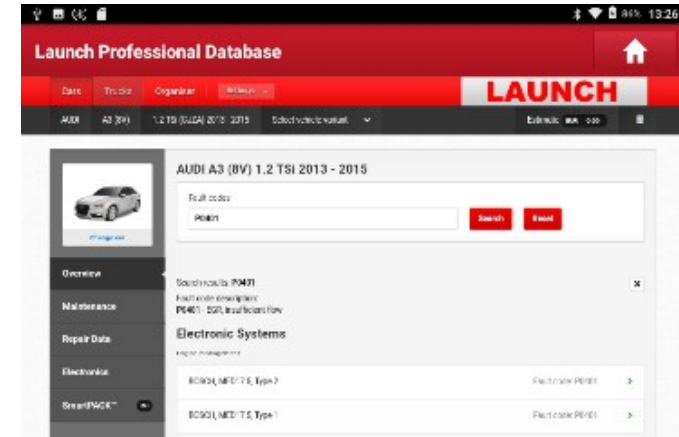
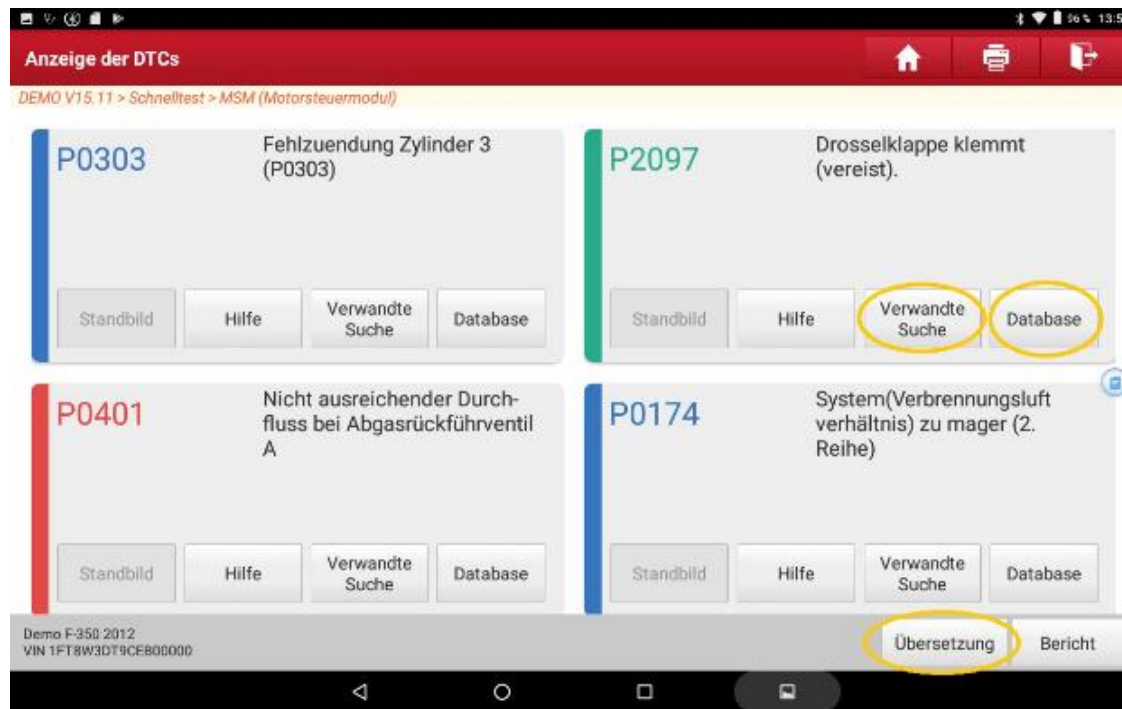
Intelligent Diagnose



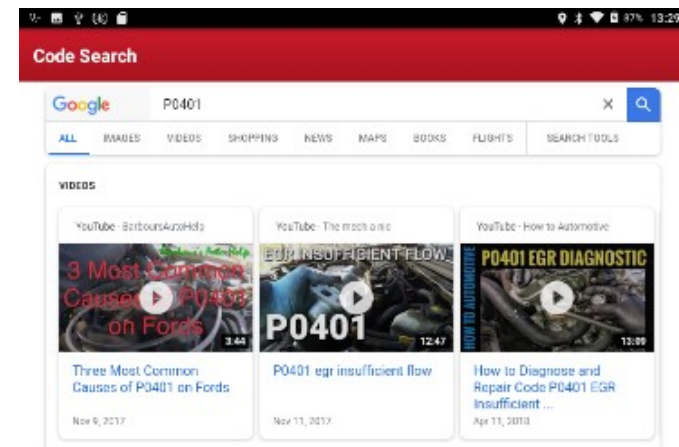
The vehicle model, manufacture year can be found automatically through the VIN number. This function is more convenient than manual selection.

DTC reading, translation and solution-search

- LAUNCH Guided Diagnosis function



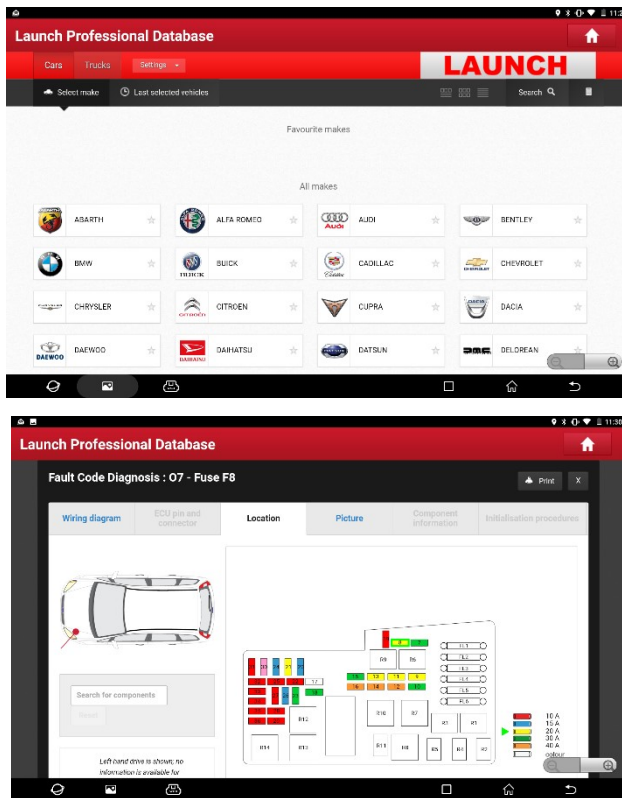
- Search the solution on Google



- Translating the DTC to your local language, with just one click.

Solution by Guided Diagnosis Process

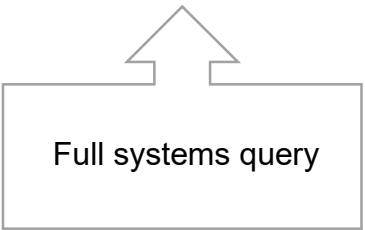
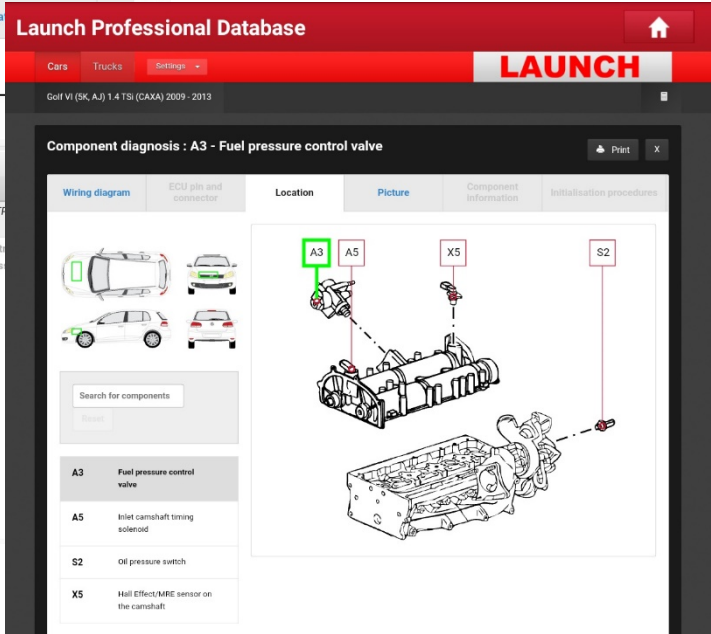
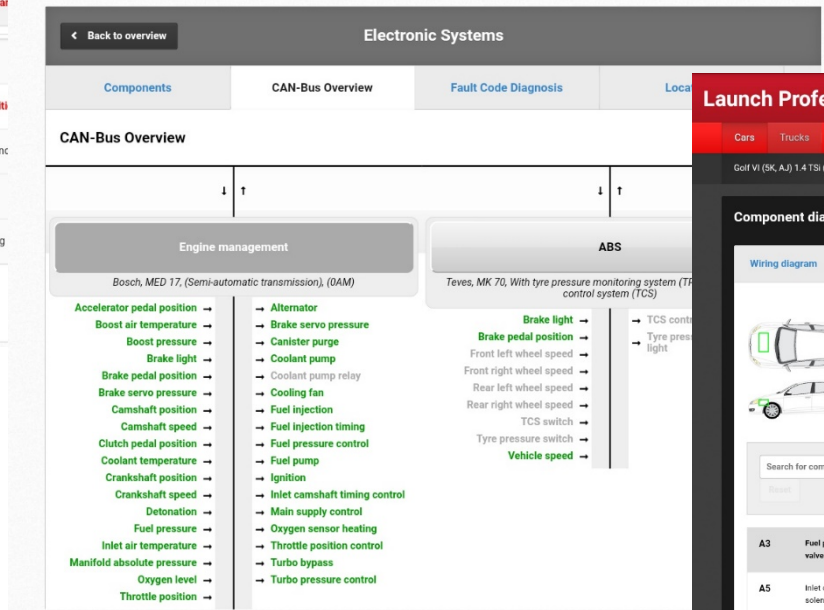
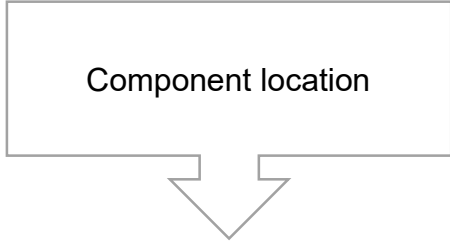
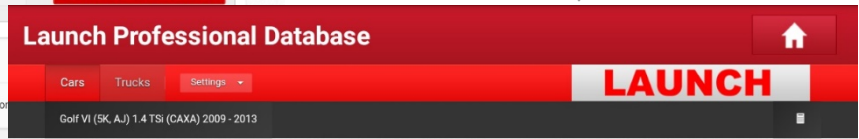
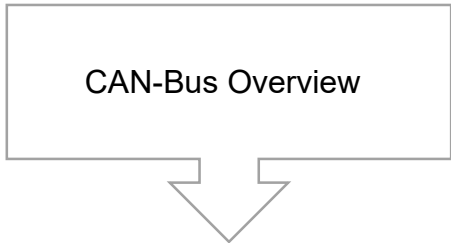
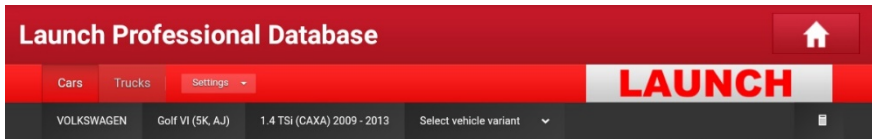
LAUNCH Guided Diagnosis function is integrated in X-431 EURO PRO5 software, which will guide user from DTC reading, to the step-by-step testing, and to the final solution. This working method will save mechanic a lot working time and increase the efficiency dramatically.



Features:

- Fuse and relay box locations and overview
- Wiring diagrams for engine management, ABS, ESP and air conditioning, door locks, windows, airbags, exterior lights,
- Component locations and information
- Fault codes (manufacturer and EOBD)
- Ground point locations
- Control unit locations
- Battery disconnection/reconnection procedures
- High-voltage circuit deactivation procedures
- Highlight functionality to trace corresponding wires and components

Solution by Guided Diagnosis Process



Solution by Guided Diagnosis Process

Launch Professional Database

Cars Trucks Settings LAUNCH

Golf VI (5K, AJ) 1.4 TSI (CAXA) 2009 - 2013

Passenger compartment

Search for components

Left-hand drive is shown; no information is available for right-hand drive

- E6 Power supply control unit
Under the dashboard panel, under the relay carrier
- E9 Fuel pump control unit
Under the rear seat, right side
- E17 Airbag control unit
Under the centre console

Fuses and relays with detail information

Electronic procedures

Launch Professional Database

Cars Trucks Settings LAUNCH

Golf VII (5G, BE, BA, BV, BO) 1.4 TSI (CXSA) 2014 - 2015

Fuse and relay box in passenger compartment, (11/2 ...)

Search for components

Left hand drive is shown, right-hand drive is similar

- 1 [sc1] Not used
- 2 [sc2] (10A also used)
Control unit, steering column electronics (15A)
- 3 [sc3] Special vehicles
- 4 [sc4] Power supply control unit

Launch Professional Database

Cars Trucks Settings LAUNCH

Golf VII (5G, BE, BA, BV, BO) 1.4 TSI (CXSA) 2014 - 2015

Start/stop system: deactivation/activation

General

Deactivation

Before working on the engine
Deactivate the start/stop system

Deactivation

Option 1:
Press the button

Note: The start/stop system warning light should illuminate

The display shows a warning message
The system is now switched off

Option 2:
Disconnect the driver's seat belt from the buckle
Open the driver's door

All control units locations

Solution by Guided Diagnosis Process

Launch Professional Database

Fault Code Diagnosis : E2 - ABS control unit

Wiring diagram ECU pin and connector Location Picture Component information Initialisation procedures

Diagnosis 1/4

1: Check the supply voltage
Turn the ignition on. Measure the voltage on pin 1. Is it between 12 and 14.4 V?

Yes No

2: Check the connection to ground

3: Check the supply voltage

4: Check the supply voltage

Step by step testing

Launch Professional Database

Cars Trucks Settings

LAUNCH

Golf VI (SK, AJ) 1.4 TSI (CAXA) 2009 - 2013

Component diagnosis : A19 - Turbo bypass solenoid

Wiring diagram ECU pin and connector Location Picture Component information Initialisation procedures

Component picture

Suggested solution

Launch Professional Database

Cars Trucks Settings

LAUNCH

A6 (4G, 4X) 2.0 TDi (CMGB) 2012 - 2014

Back to overview Additional heater element failure Print

22/02/2019 R/2019/060 (82C1) VIN # WAUZZZ4G2EN175527 - WAUZZZ4G3FN031731 Date 2014-07-08 - 2014-10-31

Defect
Faulty additional heater element connector
Number of vehicles affected:
4907

Solution
Check the additional heater connector
Renew the additional heater element if necessary

Disclaimer
The recall bulletins are provided for information purposes only.
The customer should be directed to the appropriate franchised dealer for rectification of the issues identified in the Safety Recall notice.
This ensures that the repair is fully carried out in accordance with the provisions of the Safety Recall notice and any updated provisions thereof.
It will also ensure that both the manufacturer's database (the list of affected vehicles) and the country-specific licensing agency are informed that the recall has been actioned.

ADAS Function (with Launch ADAS Pro)

ADAS software integrated. No additional software cost for ADAS calibration.

The image displays the Launch ADAS Pro software interface on a mobile device. The main menu includes options for ADAS Calibration, Product introduction, Product manual, Adjustment steps, and Coverage. Below the menu is a large image of a car with a calibration target. The interface also shows detailed calibration instructions in German, including a diagram of the calibration setup with a distance of L=1500mm. The instructions are as follows:

Einstellungen der Kalibrierung:

1. Verwenden Sie die Tafel LAC01-02.
2. Der Abstand (L) zwischen der LAC-Tafel und dem Mittelpunkt der Vorderradnabe: 1500 mm / 59.06 Zoll.
3. Stellen Sie die LAC-Tafel so ein, dass sie mit der Fahrzeugmitte übereinstimmt.
4. Stellen Sie die LAC-Tafel so ein, dass sie sich parallel zur Vorderseite des Fahrzeugs befindet.
5. Stellen Sie die Höhe der LAC-Tafel auf 1700 mm/66.93 Zoll ein.

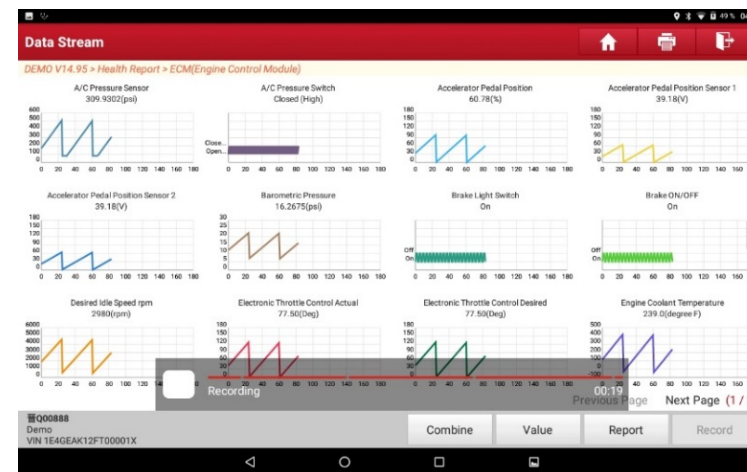
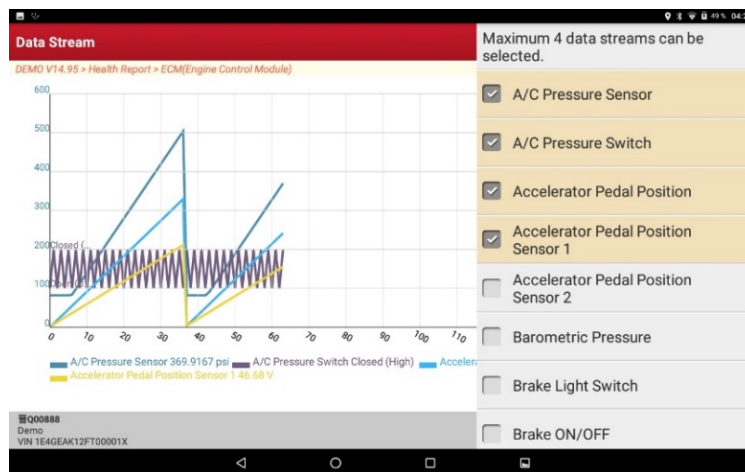
The bottom right screenshot shows the calibration report (Bericht) for a Skoda vehicle (VIN: TMBLK9NS7J8101335). The report includes the following data:

Kalibrierungsergebnis	
AS Frontsensoren für Fahrerassistenzsysteme — 00AS-Kalibrieren	Erfolgreich
Höhe an der vorderen linken Radhauskante:	783.00mm 400 mm zu 900 mm
Höhe an der vorderen rechten Radhauskante:	786.00mm 400 mm zu 900 mm
Höhe an der hinteren linken Radhauskante:	803.00mm 400 mm zu 900 mm
Höhe an der hinteren rechten Radhauskante:	803.00mm 400 mm zu 900 mm
Nickwinkel der Kamera:	0.85Grad
Rollwinkel der Kamera:	-0.38Grad
Gewinkel der Kamera:	-0.21Grad
Höhe der Kamera:	1458.00mm

Showing data stream in different formats

Name	Value	Standard Range	Unit	
A/C Pressure Sensor	361.9185	0.0 - 145.0	psi	
A/C Pressure Switch	Closed (High)			
Accelerator Pedal Position	70.98	0-100	%	
Accelerator Pedal Position Sensor 1	45.68	0-5	V	

- Actual value and standard range
- Diagram
- Data recording



Clear Diagnostic Report

- Show DTC status of each ECU
- Save as screenshot and PDF file
- Easy to print or share

System Name	Result
ECM(Engine Control Module)	Fault 4
TCM(Transmission Control Module)	Fault 3
ABS(Anti-lock Braking System)	Fault 2
SRS(Supplemental Inflatable Restraint System)	Fault 3
BCM(Body Control Module)	Fault 3
IMM(Immobilizer)	Fault 3
BMS(Battery Manager System)	OK
TPMS(Tire Pressure Monitoring System)	Fault 2
SAS(Steering Angle System)	Fault 3

System	State
ECM(Engine Control Module)	Abnormal (4)
P0303 Misfiring of Cylinder 3(P0303) P2097 Throttle Valve Block(Ice up) P0401 EGR Valve A Flow Insufficient Detected P0174 System A/F Ratio too Lean (Bank 2)	
TCM(Transmission Control Module)	Abnormal (3)
ABS(Anti-lock Braking System)	Abnormal (2)
C1141 Brake Pressure Sensor B34 C1201 A7/7s1(BAS Release Switch) : Electrical Fault	
SRS(Supplemental Inflatable Restraint System)	Abnormal (3)
BCM(Body Control Module)	Abnormal (3)

Vehicle Information

License #: 晋Q00888
 Year:
 Make: Demo
 Model:
 VIN: 1E4GEAK12FT00001X
 ODO: 22100 miles
 Vehicle Software Version: V14.95
 Diagnostic Application Version: V7.00.005
 Diagnostic path: Health Report

Inspection Result

ECM(Engine Control Module) 4 problems exist

- 1.P0303 Misfiring of Cylinder 3(P0303)
- 2.P2097 Throttle Valve Block(Ice up)
- 3.P0401 EGR Valve A Flow Insufficient Detected
- 4.P0174 System A/F Ratio too Lean (Bank 2)

Diagnosis for trucks with HD module (optional)

Over 100 heavy-duty truck models inclusive



eu



asia

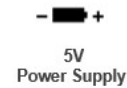
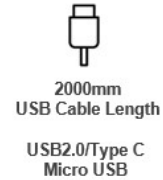
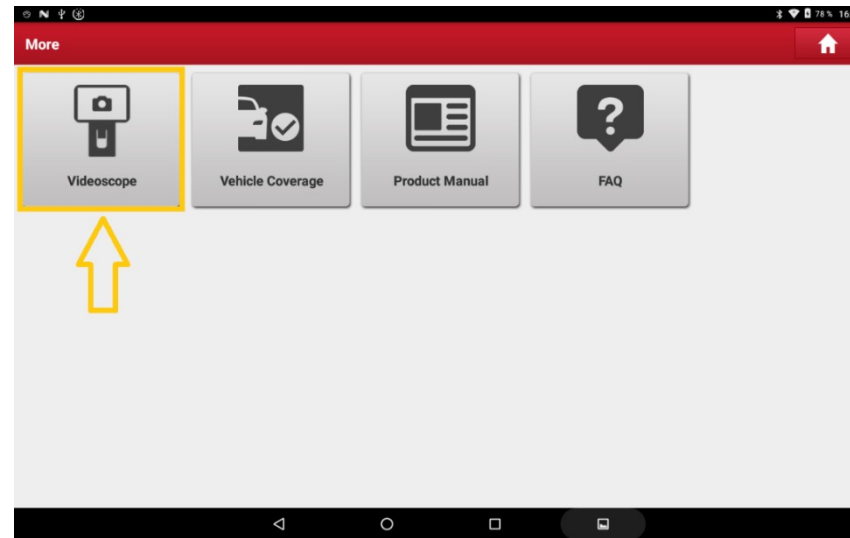


usa



Videoscope (optional)

Videoscope module is already integrated in PRO5 APK. It can be used with LAUNCH VSP-600 via USB connection.



Packing list

	Part name
Main Unit	X-431 euro pro5 link main unit, RoHS
	X-431 euro pro5 link stand, RoHS
Connector	DBScar IV diagnostic connector, RoHS
	DBScar, BENZ-38 diagnostic joints (small handle), RoHS
	DBScar, FIAT-3 diagnostic connector type, RoHS
	DBScar, NISSAN-14+16 diagnostic connector, RoHS
	DBScar, SSANGYONG-14 diagnostic connector type, RoHS
	DBScar, UNIVERSAL-3 diagnostic connector type, RoHS
	DBScar,AUDI-4 Diagnostic connector line, RoHS
	DBScar,BENZ-14 Diagnostic connector line, RoHS
	DBScar,BMW-20 Diagnostic connector integrated, RoHS
	DBScar,CHRYSLER-6 Diagnostic connector integrated, RoHS
	DBScar,DAEWOO-12 Diagnostic connector integrated, RoHS
	DBScar,FORD-6+1 Diagnostic connector integrated, RoHS
	DBScar,GM/VAZ-12 Diagnostic connector integrated, RoHS
	DBScar,HONDA-3 Diagnostic connector integrated, RoHS
	DBScar,KIA-20 Diagnostic connector integrated, RoHS

	Part name
Connector	DBScar,MAZDA-17 Diagnostic connector integrated, RoHS
	DBScar,MITSUBISHI/HYUNDAI-12+16 Diagnostic connector, RoHS
	DBScar,SSANGYONG-20 Diagnostic connector integrated, RoHS
	DBScar,SUBARU-9 Diagnostic connector integrated, RoHS
	DBScar,TOYOTA-17 Diagnostic connector integrated, RoHS
Test cable	DBScar,OBD I Adaptor BOX transfer line, RoHS
	Double clamp power line (English), RoHS
	The cigarette lighter line (English), RoHS
	X431 AIT I OBD16 extension line (600mm), RoHS
Accessories	X-431-pro5 USB a to micro data cable, RoHS
	Power adapter 5V, 2A (British Standard), TB-X605FC, LX, RoHS
	Power adapter 5V, 2A (European standard), tb-x605fc, LX, RoHS
	X431 PIN envelope
	X-431 Euro Pro English quick start, RoHS
	Clipper fuse 5*20mm
Lighter fuse 6*30mm	

Order Info

Product name	X-431 EURO PRO5 *
Article number	LE-PRO5-301190721
Package info	600x170x415mm 8kg
List price	2390 Euro + VAT

- *** Standard configuration--1 year Diagnosis Software update + 1 year LAUNCH electronics database license**

Order Info

Product Package *	X-431 EURO PRO5 + 1 year diagnosis software
Article Number	BU-SET-20-PRO5-01
List price	2690 Euro + VAT

- * 2 years Diagnosis Software update + 1 year LAUNCH electronics database license

Order Info

Product Package *	X-431 EURO PRO5 + 1 year diagnosis software + 1 year LAUNCH electronics database license * * *
Article Number	BU-SET-20-PRO5-02
List price	2990 Euro + VAT

- * 2 years Diagnosis Software update + 2 years LAUNCH electronic database license
- * * * Extends manually after the expiry of existing license

Thank you!



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