

LAUNCH
Europe GmbH

X-431 EURO PRO5



Introduction

- X-431 EURO PRO5, 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 HaynesPro
- Support both 2.4GHz and 5GHz Wifi
- Also X-431 EURO PRO5 has more user-friendly high quality industrial design for better protection.

Tablet information

- OS: Android 9.0
- CPU: 1.8 GHz 8 Cores
- Internal memory: 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



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 °C-50°C
- Dimension: 69x40x18mm



Comparison



	X-431 EURO PRO5	X-431 EURO PRO4
Processor	1.8 GHz 8 cores	1.4 GHz 4 cores
Internal memory/Storage	4GB/62GB+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

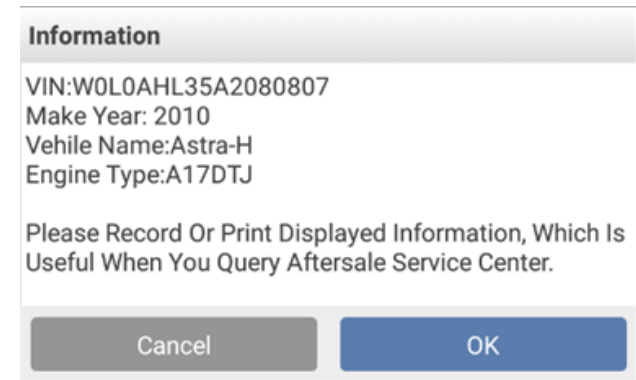
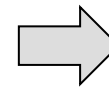
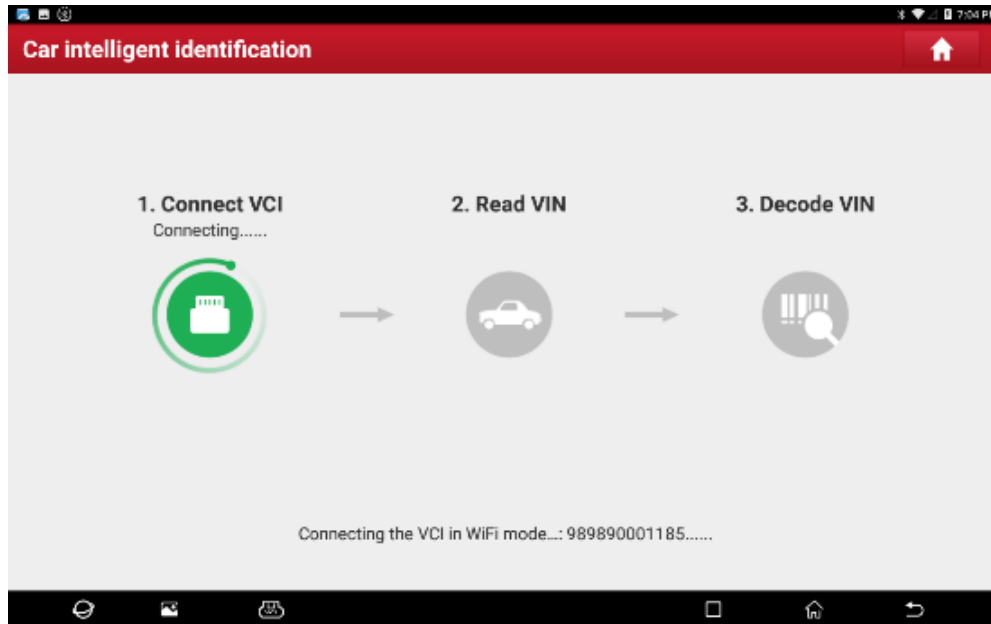
Comprehensive Diagnostic Functions



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...

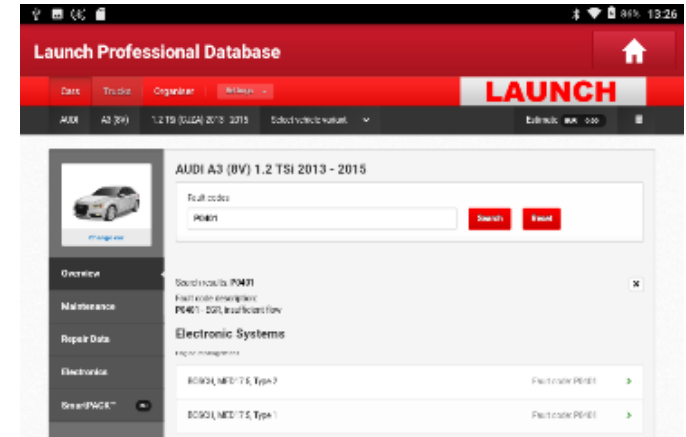
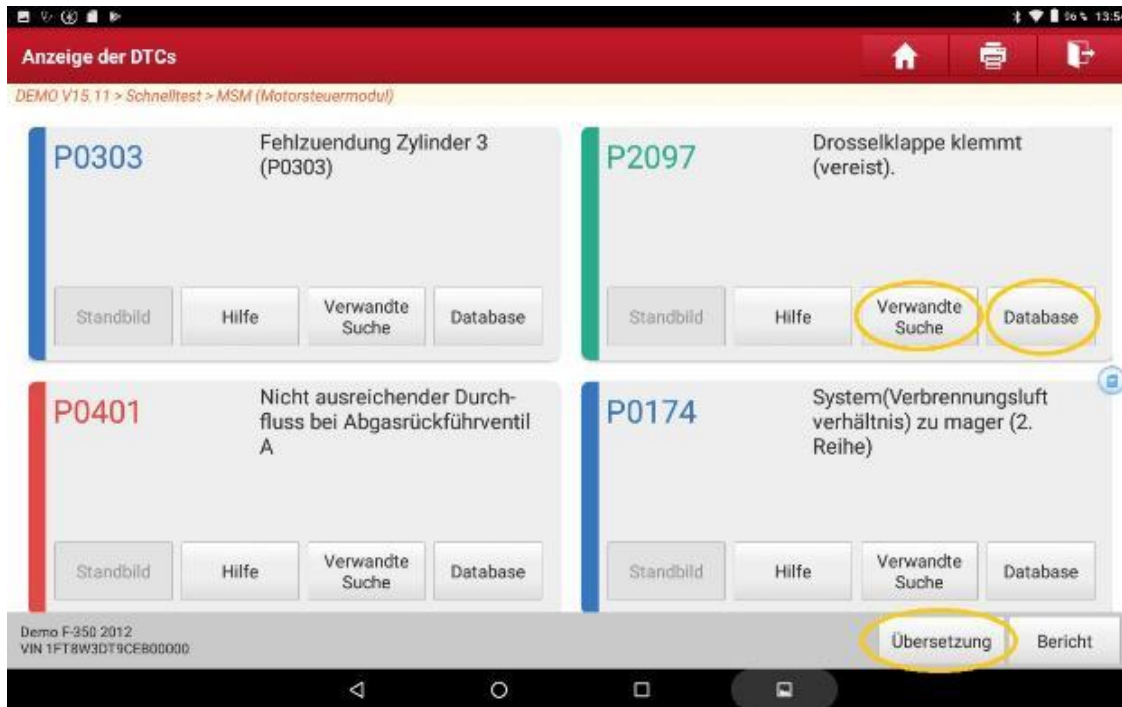
Intelligent Diagnose



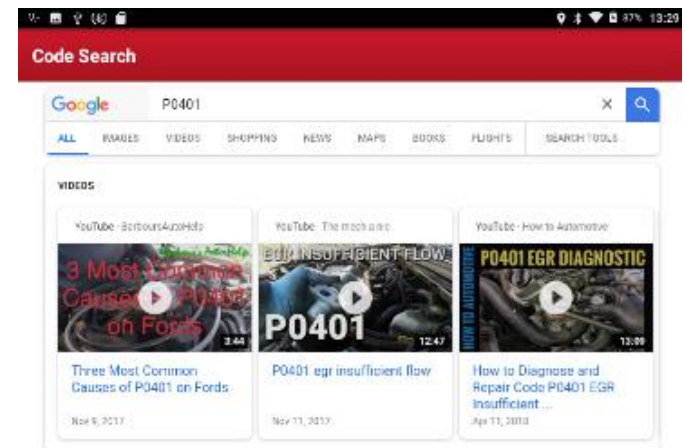
The vehicle model, manufacture year can be found automatically through the VIN number. This function is more convenient than manual selection.

DTC reading, translation and solution-search

- LAUNCH Guided Diagnosis function



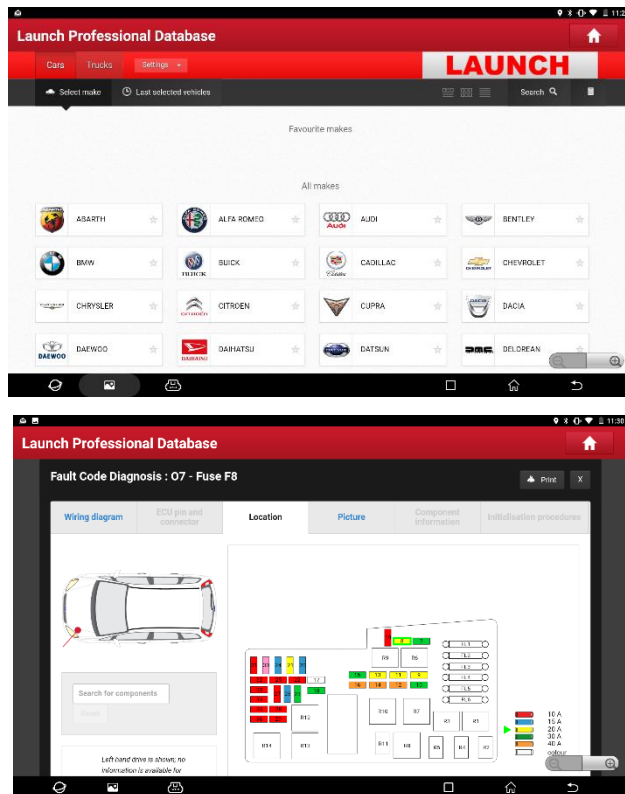
- Search the solution on Google



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

Solution by Guided Diagnosis Process

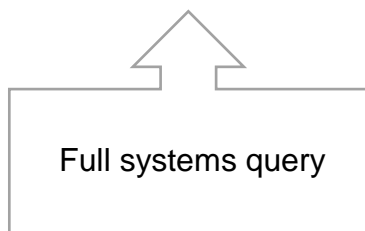
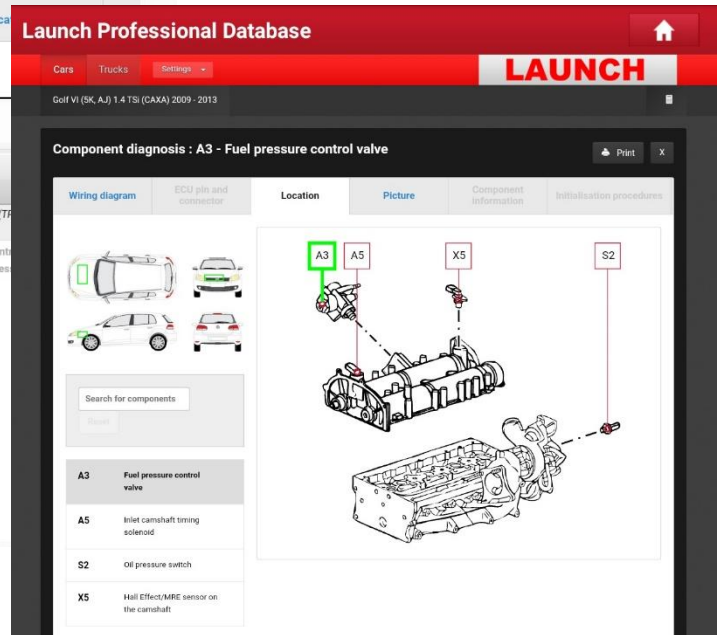
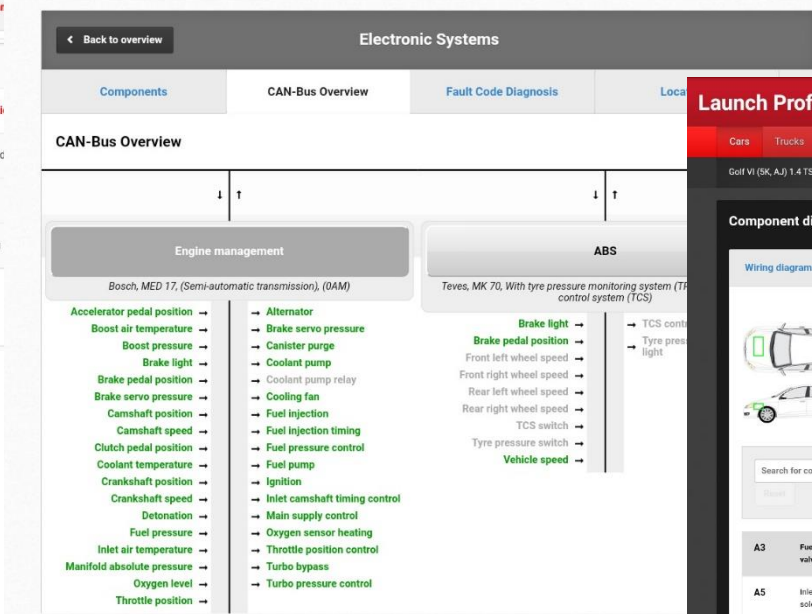
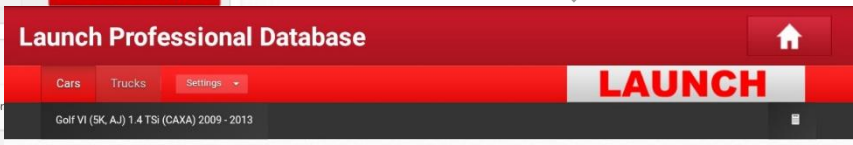
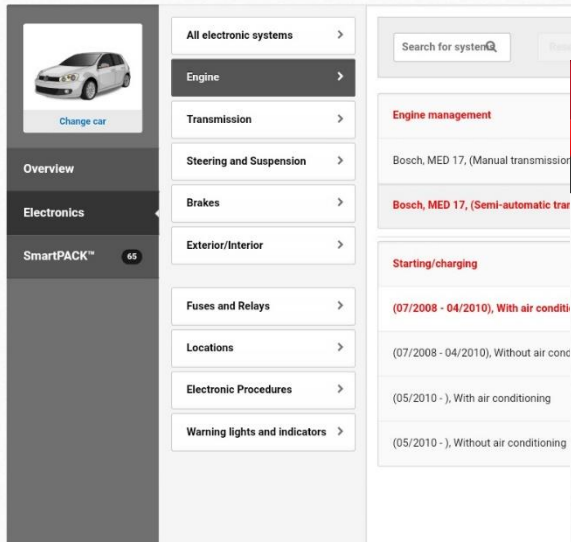
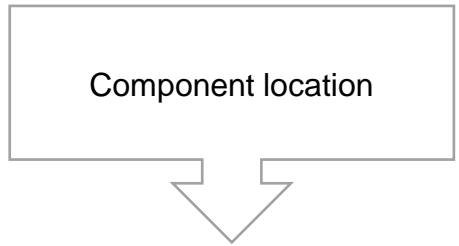
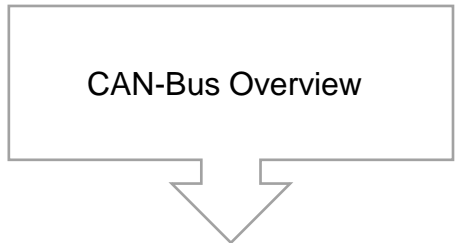
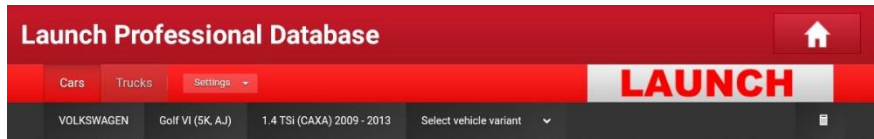
LAUNCH Guided Diagnosis function is integrated in X-431 EURO PRO5 software, which will guide user from DTC reading, to the step-by-step testing, and to the final solution. This working method will save mechanic a lot working time and increase the efficiency dramatically.



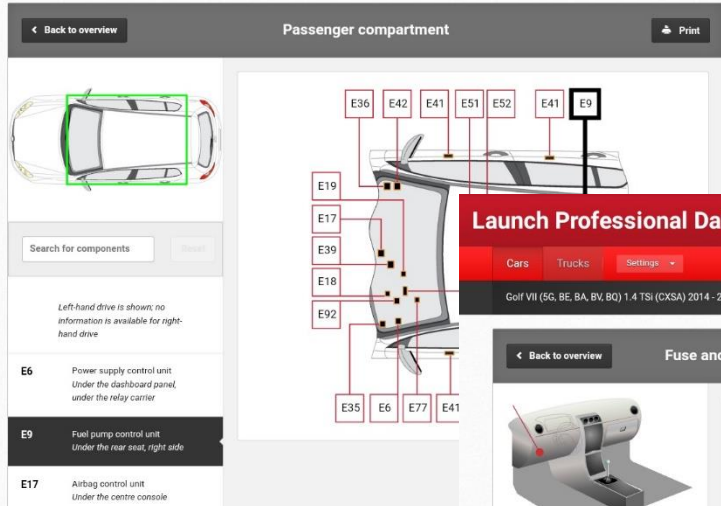
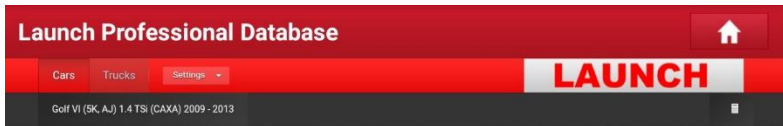
Features:

- 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

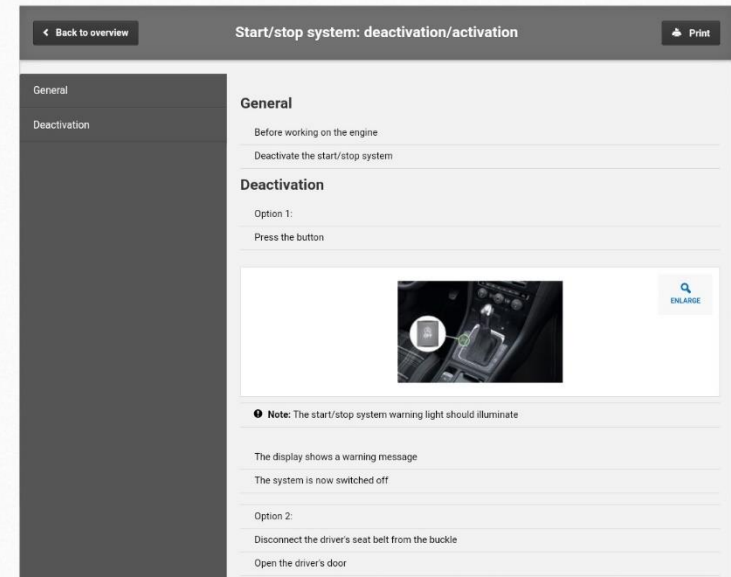
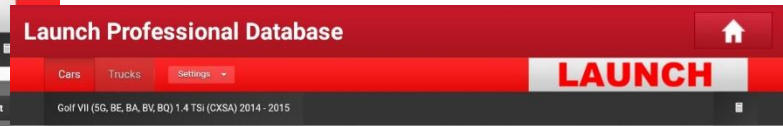
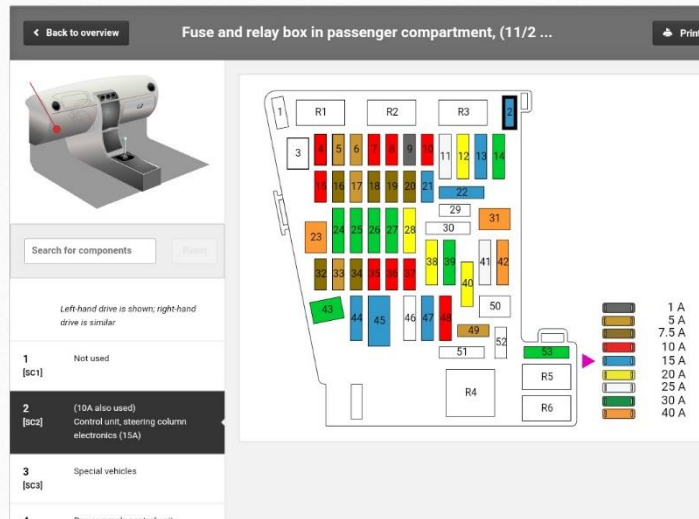
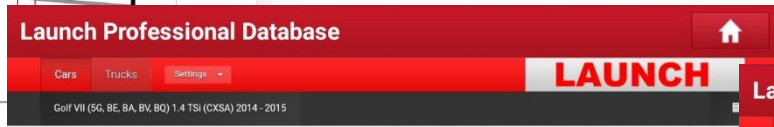


Solution by Guided Diagnosis Process



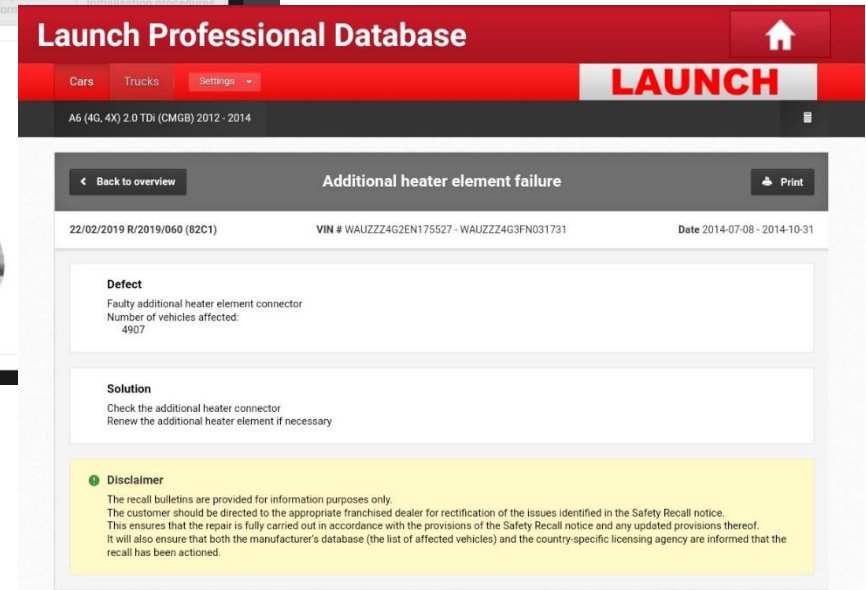
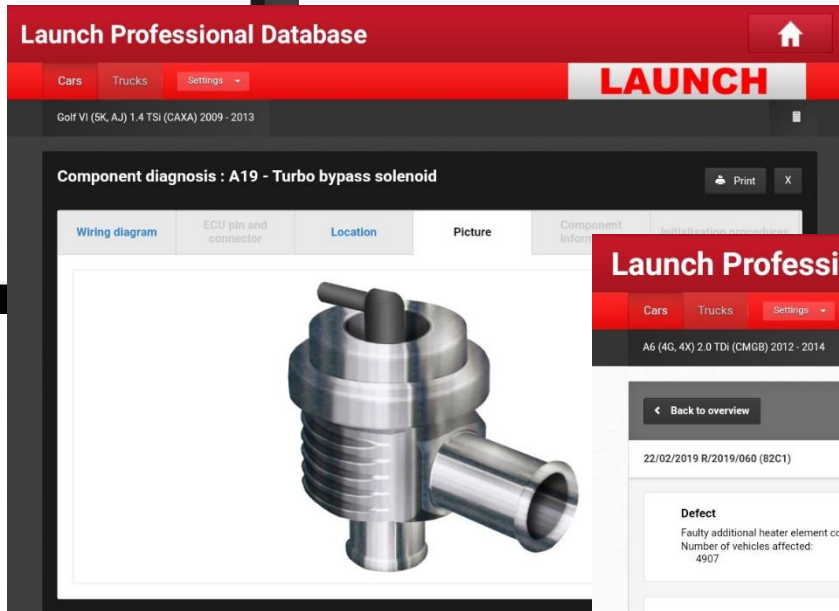
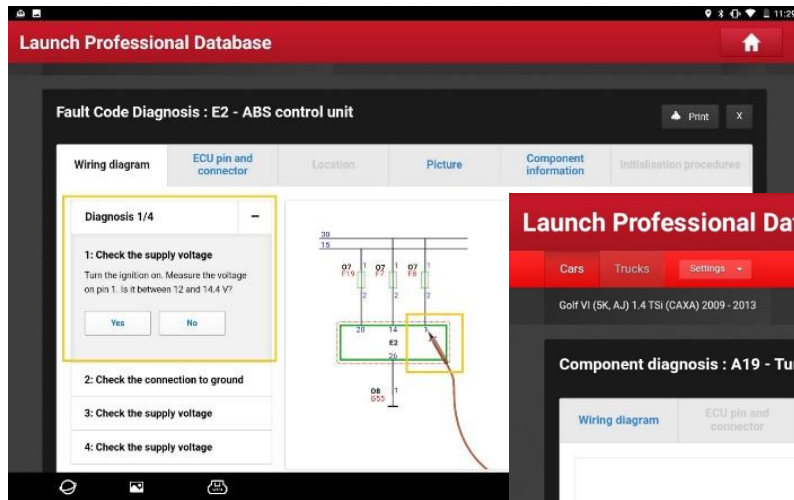
Fuses and relays with detail information

Electronic procedures



All control units locations

Solution by Guided Diagnosis Process



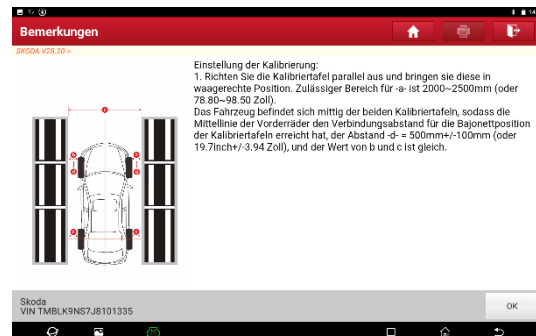
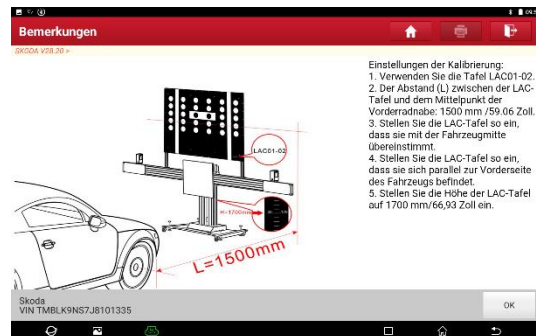
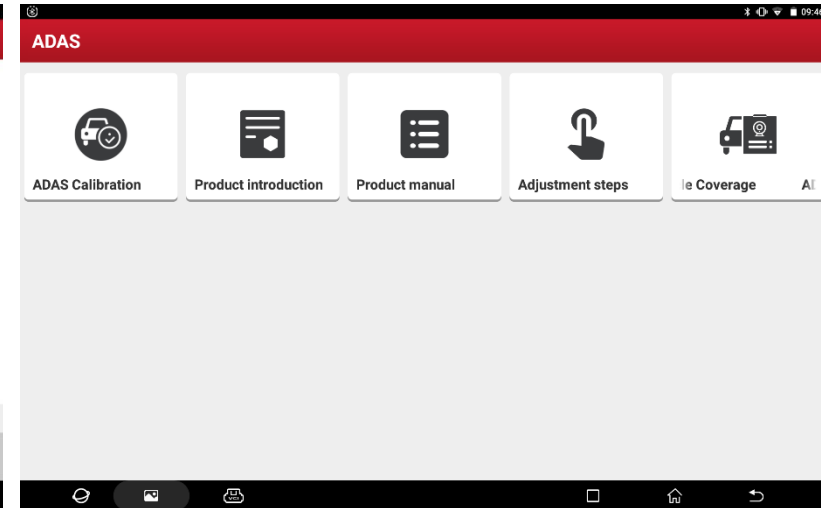
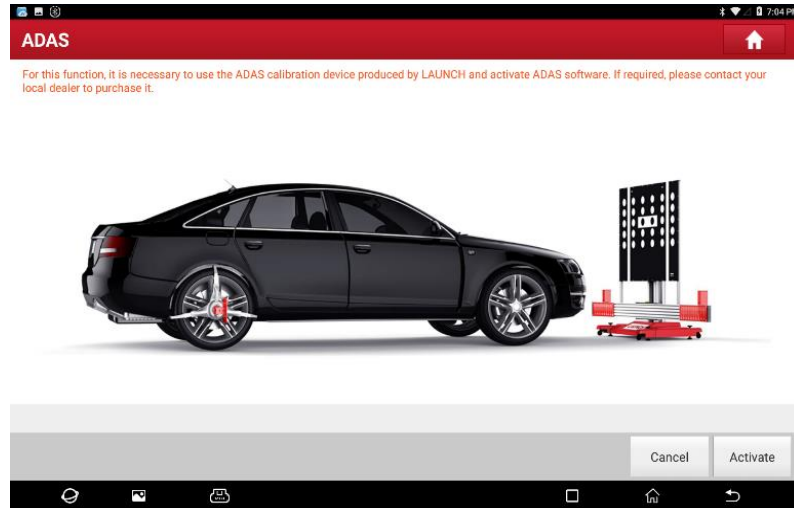
Suggested solution

Step by step testing

Component picture

ADAS Function (with Launch ADAS Pro)

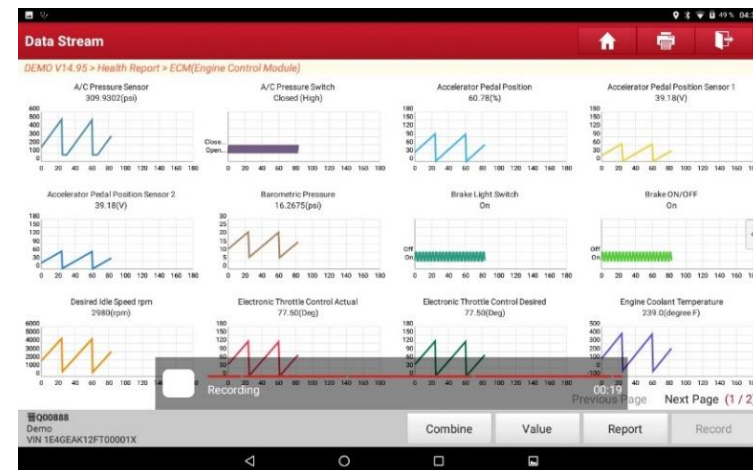
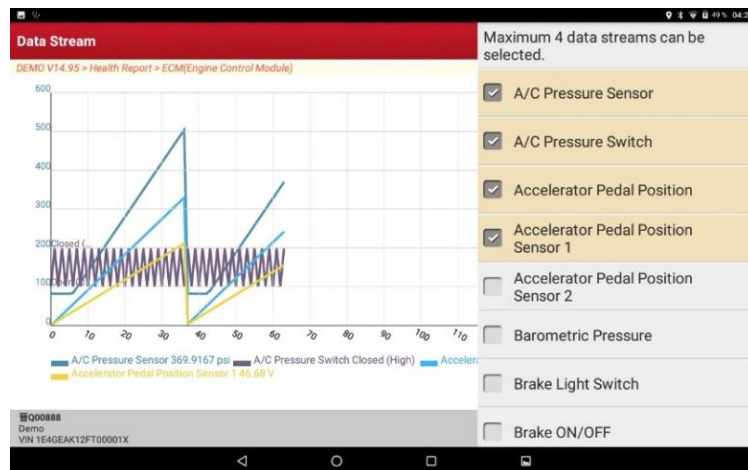
ADAS software integrated. No additional software cost for ADAS calibration.



Showing data stream in different formats

Data Stream				
DEMO V14.95 > Health Report > ECM(Engine Control Module)				
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

DEMO V14.95 > Health Report

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

DEMO V14.95 > Health Report

Fault Normal

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)

Report

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



Europe



Asia

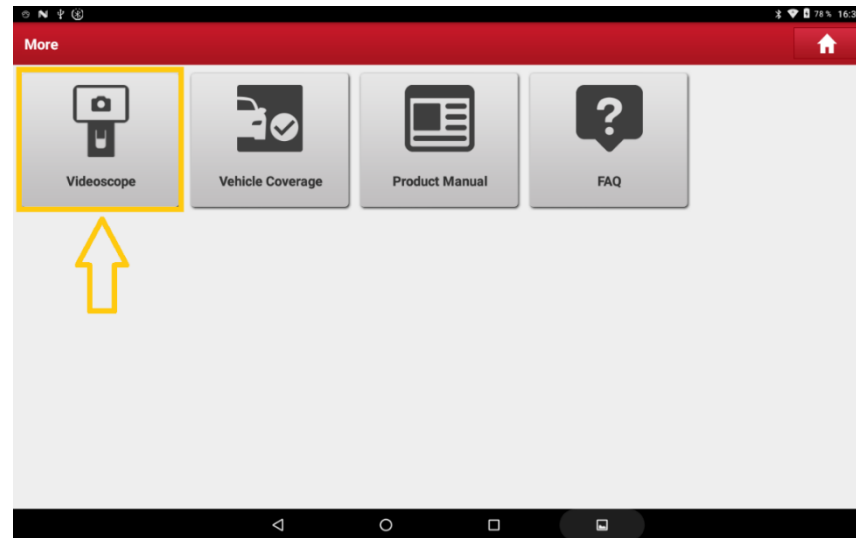


USA



Videoscope (optional)

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



5.5mm
Len O.D.



1/9"
Sensor Size



0°C-65°C
Operating
Temperature



1280x720
Resolution



4.8mm
Tube O.D.

800mm
Tube Length



2000mm
USB Cable Length

USB2.0/Type C
Micro USB



5V
Power Supply



6 levels
LED

Thank you!



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