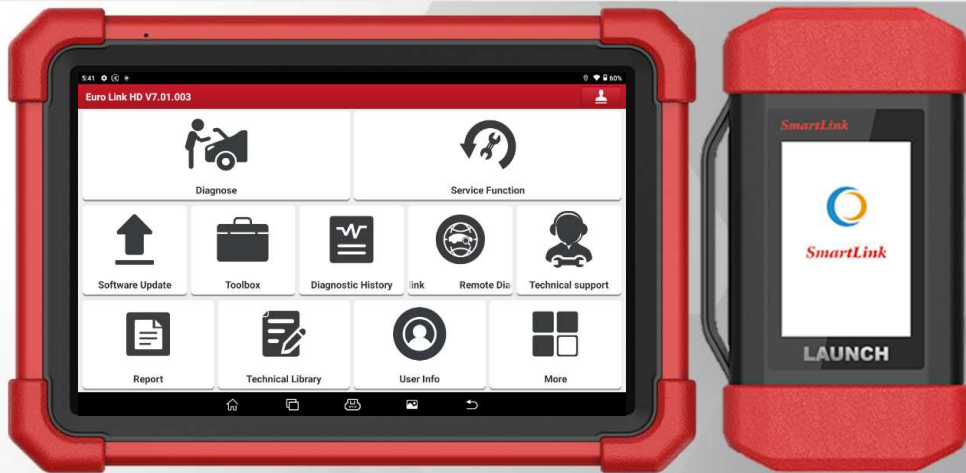


X-431 EURO LINK HD

Commercial Vehicle Diagnostic Instrument



Introduction

- The X-431 EURO LINK HD is an intelligent vehicle diagnostic tool with a 10.1-inch display, developed based on the Android 10.0 system. It features a powerful 2.0GHz 4-core processor, a generous storage capacity of 4GB RAM + 64GB ROM, and is equipped with a high endurance battery for enhanced speed, stability, and durability.
- Includes SmartLink C diagnostic connector for enhanced diagnostic capabilities
- It supports full system diagnosis, with functions such as reading DTCs, clearing DTCs, reading data streams, special functions and actuation test.



Hardware information

Hardware	Parameter
Processor	2,0 GHz, Quad-Core
OS	Android 10.0
Memory	4 GB
Storage	64 GB
Battery	47,88 Wh (7,6 V, 6300 mAh)
Display	10,1", 1280 × 800 (sunlight readable screen, Gorilla Glass)
Camera	Rear 8 MP
WIFI	2,4 GHz / 5 GHz
Interface	TYPE A × 1 & TYPE C × 1
Dimensions	274 mm × 190 mm × 40 mm



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SmartLink C

Function

- Fast local Diagnosis via Bluetooth
- Remote Diagnosis (LAUNCH SRDs) via WiFi / Network- Cable
- Compatible with DoIP
- Pass-Thru

Item	Parameters
Display Screen	3,97-Inch single-touch screen, 320 × 480
Working Voltage	DC 9 V ~ 36 V
Remote Communication	Ethernet / WiFi
Wi-Fi	5G WIFI
USB	Type B USB 2.0
Storage	8 GB
Memory	256 MB
Dimension	204mm × 110mm × 45mm



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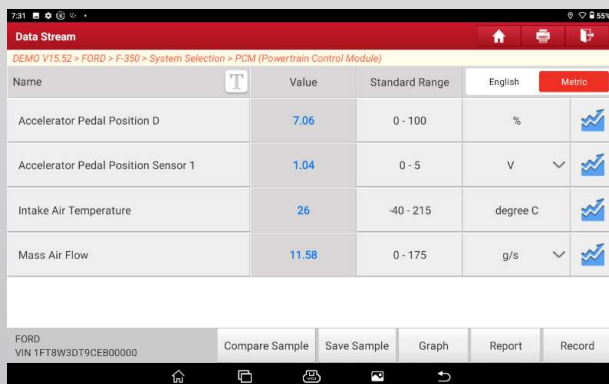
Features – Advantages

Diagnostic Capabilities:

Retrieve version information, scan and clear DTCs, access data streams, perform actuation tests, utilize special functions, and more.

Data Stream Analysis:

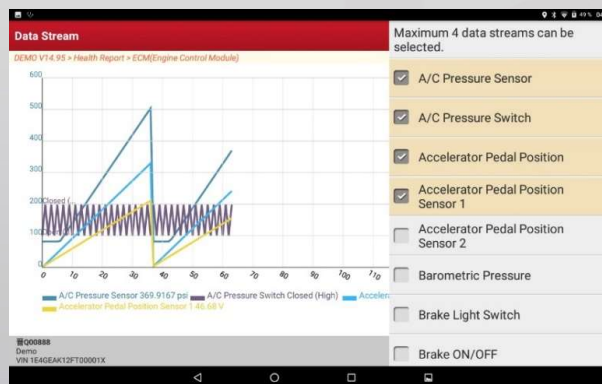
Reads and displays sensor data streams graphically, even multiple streams simultaneously.



Name	Value	Standard Range	English	Metric
Accelerator Pedal Position D	7.06	0 - 100	%	<input checked="" type="checkbox"/>
Accelerator Pedal Position Sensor 1	1.04	0 - 5	V	<input checked="" type="checkbox"/>
Intake Air Temperature	26	-40 - 215	degree C	<input checked="" type="checkbox"/>
Mass Air Flow	11.58	0 - 175	g/s	<input checked="" type="checkbox"/>

FORD
VIN 1FT8W3D19CEB00000

Compare Sample Save Sample Graph Report Record



Features – Advantages

Remote Diagnostics:

Diagnose and program vehicles remotely through Launch server platform (Additional costs apply).

Vehicle Coverage and Compatibility:

Check compatibility with the device for specific vehicles.

Integrated Toolbox:

BST-360 and Videoskop.

Integrated Database:

Accessible through an integrated shop, offering vehicle data (available for purchase).

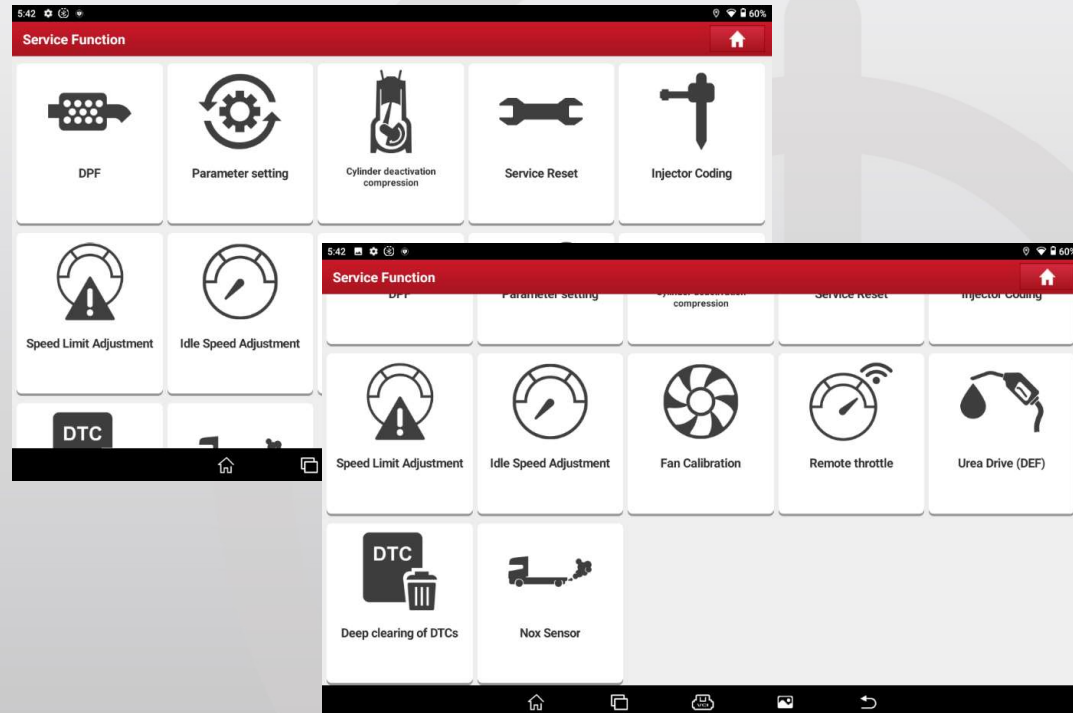
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Features – Advantages

Service Functions:

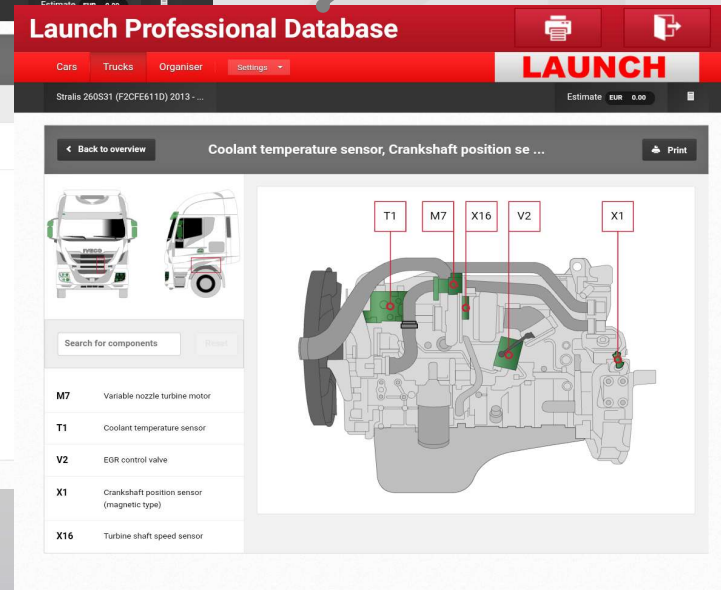
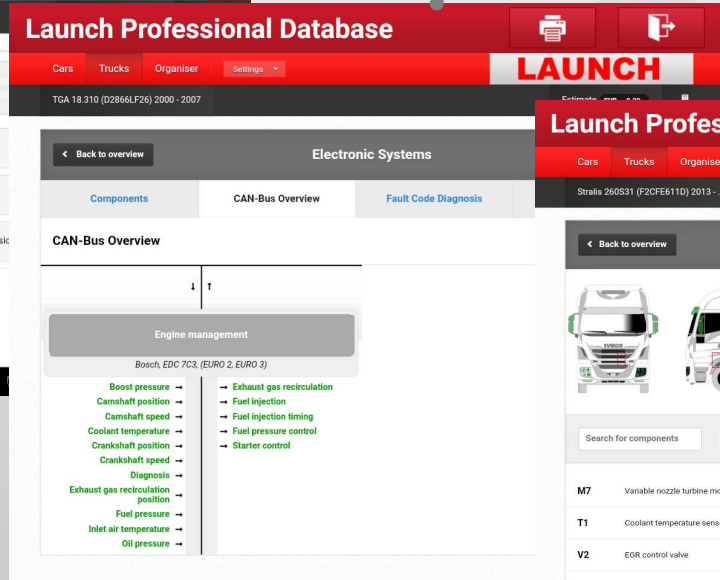
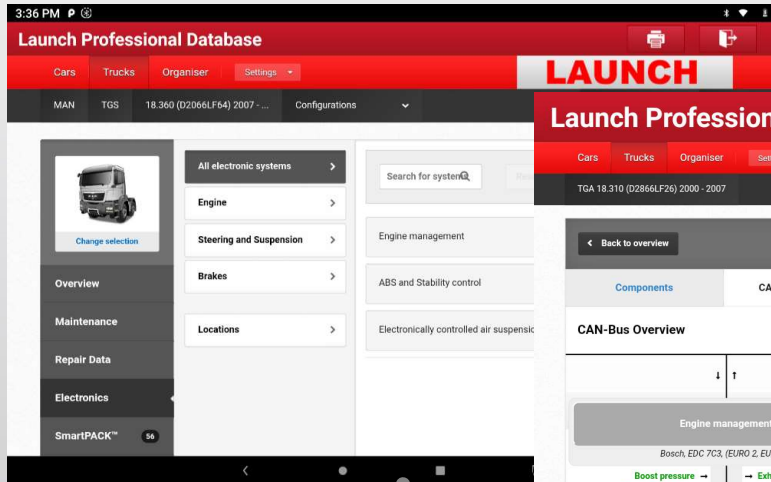
- DPF Regeneration
- Parameter Setting
- Cylinder Deactivation Test
- Service Reset
- Fuel Injector Programming
- Speed Limit Adjustment
- Idle Speed Adjustment
- Fan Calibration
- Remote Throttle
- AdBlue System
- Nitrogen Oxygen Sensor



LAUNCH Database

CAN-Bus Overview

System component location



Systems query



LAUNCH Database

Fuses and Relays

Adjustment Data

Launch Professional Database

Cars Trucks Organiser Settings LAUNCH

Stralis 260S31 (F2CFE611D) 2013 - ... Estimate eur 0.00

Technical Drawings

IVECO, Front axle, 5886/5, (01/2013 -)

1325 Nm ± 75 Nm
1050 Nm ± 50 Nm
11.2 Nm ± 2 Nm
313.5 Nm ± 15.5 Nm
281.5 Nm ± 13.5
130 Nm ± 10 Nm
55 Nm ± 5
27.5 Nm ± 2.5 f
117 Nm ± 6 Nm
615.5 Nm ± 61.5 Nm
515.5 Nm ± 24.5 Nm

Renew bolts/nuts
Locking compound

Parts required 3

Launch Professional Database

Cars Trucks Organiser Settings LAUNCH

Stralis 260S31 (F2CFE611D) 2013 - ... Estimate eur 0.00

Fuse and relay box in cab compartment, EURO 6, (05 ...

Search for components

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

1	Air conditioning
[D9601-1]	Additional heater
	Heated foot filter
	24V radio
	Relay, marker lights (SA)
2	Food heater
[D9601-1]	Refrigerator

Launch Professional Database

Cars Trucks Organiser Settings LAUNCH

Stralis 260S31 (F2CFE611D) 2013 - ... Estimate eur 0.00

Adjustment Data

Engine (general)	IVECO, F2CFE611D	F2CFE611D
Engine (specifications)	Engine code	F2CFE611D
Cooling system	Capacity	8708 (cc)
Brakes	Distribution type	
IVECO, Front axle, 5886/5, (01/2013 -)	Timing gear system	
MERITOR, Rear axle, M5.13.175X, (01/13 -)	Engine (specifications)	
	IVECO, F2CFE611D	
Steering and wheel alignment	Engine management (make and type)	BOSCH EDC 17
IVECO, Front axle, 5886/5, (01/2013 -)	Firing order	1-4-2-6-3-5
MERITOR, Rear axle, M5.13.175X, (01/13 -)	Injection pump (make and type)	CP 3.3
Wheels and tyres	Valve clearance	
Capacities	Inlet	0.35 - 0.45 (mm)
IVECO, F2CFE611D	Exhaust	0.35 - 0.45 (mm)
ZF, Semi-automatic transmission, Number of gears 12, 12A5 1930 TD	Idle speed (No engine load)	500 - 600 (rpm)
ZF, Manual transmission, Number of gears 5, 95 1310 TD	Injection pump pressure	1800 (bar)
ZF, Semi-automatic transmission, Number of gears 12, 12A5 1420 TD	Oil pressure at idle speed (at 100 °C)	2.3 (bar)
ZF, Manual transmission, Number of gears 16, 166 1620 TD (Koppel 4)	Oil pressure at maximum engine speed (at 100 °C)	5.0 (bar)
IVECO, Front axle, 5886/5, (01/2013 -)	Oil filter relief valve opening pressure	3.1 - 3.7 (bar)
MERITOR, Rear axle, M5.13.175X, (01/13 -)	Oil pump relief valve opening pressure	9.4 - 10.8 (bar)
	Maximum cylinder head distortion	0.2 (mm)

Technical Drawings



LAUNCH Database

Launch Professional Database

Cars Trucks Organiser Settings LAUNCH

TGS 18.360 (D2066LF64) 2007 - ... Estimate EUR 0.00

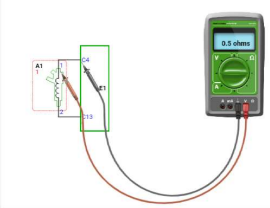
Component diagnosis : A1 - Injector 1

Wiring diagram ECU pin and connector Location Picture Component information

Diagnosis 3/4

- 1: Check the voltage trace
- 2: Check the current trace
- 3: Check the connectivity of pin 1.
Measure the resistance between pins 1 and C 4 (E1 Engine control unit). Is it less than 1 Ohm?
- 4: Check the connectivity of pin 2.

Yes No



Pin number	Wire colour	Component	Pin number
1	Black	E1 Engine control unit	C 4
2	White/Black	E1 Engine control unit	C 13

Step by step testing

Component picture


Launch Professional Database

Cars Trucks Organiser Settings LAUNCH

TGS 18.360 (D2066LF64) 2007 - ... Estimate EUR 0.00

Component diagnosis : A1 - Injector 1

Wiring diagram ECU pin and connector Location Picture Component information



Suggested solution

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Cars Trucks Organiser Settings LAUNCH

Stralis 260S31 (F2CFE511D) 2013 - ... Estimate EUR 0.00

Difficulty when opening the fuel filler cap

04/12/2018 2018 - 043

Symptom
Difficulty when opening the fuel filler cap

Cause
Faulty fuel filler cap seal

Solution
Remove the fuel filler cap
Renew the fuel filler cap seal
Refit the fuel filler cap
Note: Use an improved part

Parts required
Fuel filler cap seal: (OE: 42579192)

Disclaimer
HaynesPro provides details of manufacturer Campaigns and Technical Service Bulletins (SmartFIX) for information and diagnostic purposes only. These repairs may or may not be covered by manufacturer's liability. HaynesPro accepts no responsibility for costs incurred as a result of providing this data.

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Non-Standard Connector List

Name	Name
X431 PAD4HDB15M-CAT-9/CAT 9PIN integrated diagnostic connector, RoHS	X431 PAD4HDB15M-HYUNDAI-16/HYUNDAI truck 16PIN linear diagnostic connector, RoHS
X431 PAD4HDB15M-VOLVO-8/VOLVO 8PIN integrated diagnostic connector, RoHS	X431 PAD4HDB15M-ISUZU-20/ISUZU 20PIN integrated diagnostic connector, RoHS
X431 PAD4HDB15M-16 integrated diagnostic connector, RoHS	Double-clamp power cord (English, no LAUNCH), RoHS
X431 PAD4HDB15M-Type II OBD-9 integrated diagnostic connector, RoHS	X-431 PAD IV electric control adapter 1, RoHS
X431 PAD4HDB15M-JUMPER-10 heavy truck jumper wire 10PIN diagnostic connector, RoHS	X-431 PAD IV electric control adapter 2, RoHS
X431 PAD4HDB15M-6 integrated diagnostic connector, RoHS	X-431 PAD IV electric control adapter 3, RoHS
X431 PAD4HDB15M-IVECO-30/IVECO 30PIN integrated diagnostic connector, RoHS	X-431 PAD IV electric control adapter 4, RoHS
X431 PAD4HDB15M-IVECO-38/IVECO 38PIN integrated diagnostic connector, RoHS	X-431 PAD IV electric control adapter 5, RoHS
X431 PAD4HDB15M-MAN-12/MAN 12PIN integrated diagnostic connector, RoHS	X-431 PAD IV electric control adapter 6, RoHS
X431 PAD4HDB15M-BENZ-14/BENZ 14PIN integrated diagnostic connector, RoHS	X-431 PAD IV electric control adapter 7, RoHS
X431 PAD4HDB15M-MITSUBISHI-12+16/Fuso 12+16PIN linear diagnostic connector, RoHS	X-431 PAD IV electric control adapter 8, RoHS
X431 PAD4HDB15M-MAN-37/MAN 37PIN integrated diagnostic connector, RoHS	X-431 PAD IV electric control adapter 9, RoHS
X431 PAD4HDB15M-RENAULT-12/RENAULT 12PIN integrated diagnostic connector, RoHS	

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Order Info

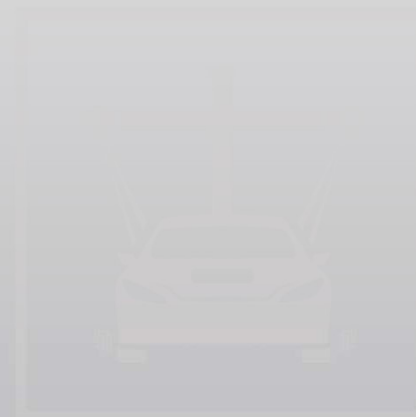
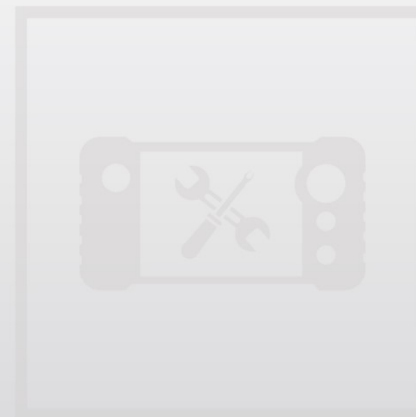
Article Number	Content	Description	List Price
LE-LINKHD-301190917	1 x LE-LINKHD-301190917	X-431 Euro Link HD with 1 year software	2.720,00 €
BU-SET-23-LINKHD-01	1 x LE-LINKHD-301190917 1 x SW-X431-1	X-431 Euro Link HD with 2 years software	3.350,00 €
BU-SET-23-LINKHD-02	1 x LE-LINKHD-301190917 1 x SW-X431-1 1 x DB-HDBUW-1-1	X-431 Euro Link HD with 2 years software and 1 year TruckSET Business group 1	4.240,00 €
BU-SET-23-LINKHD-03	1 x LE-LINKHD-301190917 1 x SW-X431-1 1 x DB-HDBUW-2-1	X-431 Euro Link HD with 2 years software and 2 years TruckSET Business group 1	5.131,00 €
BU-SET-23-LINKHD-04	1 x LE-LINKHD-301190917 1 x SW-X431-1 1 x DB-HDULW-1-1	X-431 Euro Link HD with 2 years software and 1 year TruckSET Ultimate group 1	4.503,00 €
BU-SET-23-LINKHD-05	1 x LE-LINKHD-301190917 1 x SW-X431-1 1 x DB-HDULW-2-1	X-431 Euro Link HD with 2 years software and 2 years TruckSET Ultimate group 1	5.656,00 €
Packing Dimensions		450 mm x 333 mm x 396 mm, 11,5 kg	

Available now in Kerpen Stock

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Thank you!



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