

X-431 HD Module Quick Start Guide

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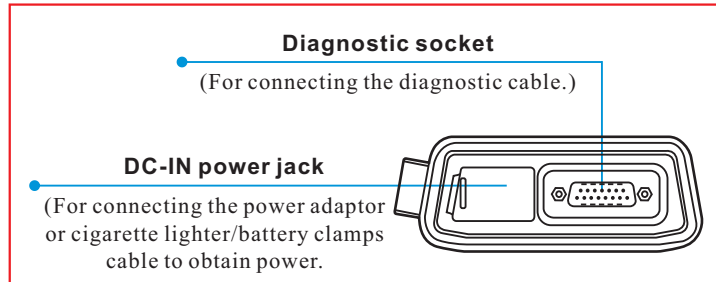
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Knowledge of X-431 HD Module

X-431 HD module works as a vehicle communication interface device, which is used to read the vehicle data and then send it to the diagnostic tool via wireless communication and data cable connection. The LED indicators enable you to easily identify the working status of the module.

Technical parameters:

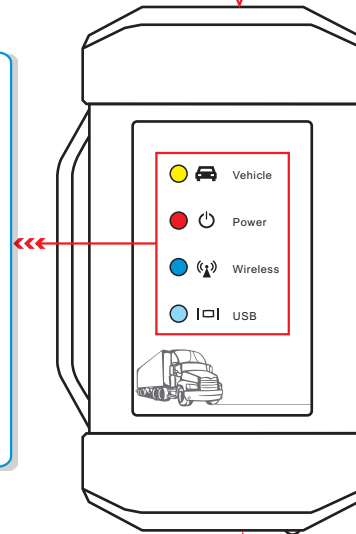
- Working voltage: 9-36V
- Power consumption: $\leq 2W$
- Working temp.: $-10^{\circ}C-55^{\circ}C$
- Communication via:
 - Data cable connection
 - Wireless communication



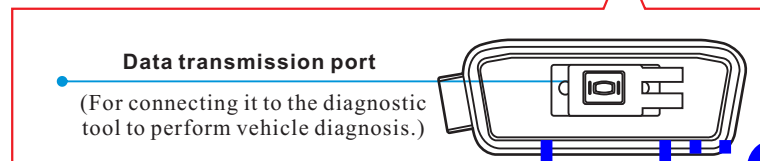
LED Indicators

Displays the working status of the module. It is defined as follows:

- Vehicle:** While the module is communicating with the vehicle, the indicator lights up and flashes. Otherwise, it will not illuminate.
- Power:** It illuminates solid red when the module is powered on.
- Wireless communication:** Blue indicates the module is working in wireless communication mode.
- USB:** It lights up when the module is connected to the diagnostic tool via data cable.



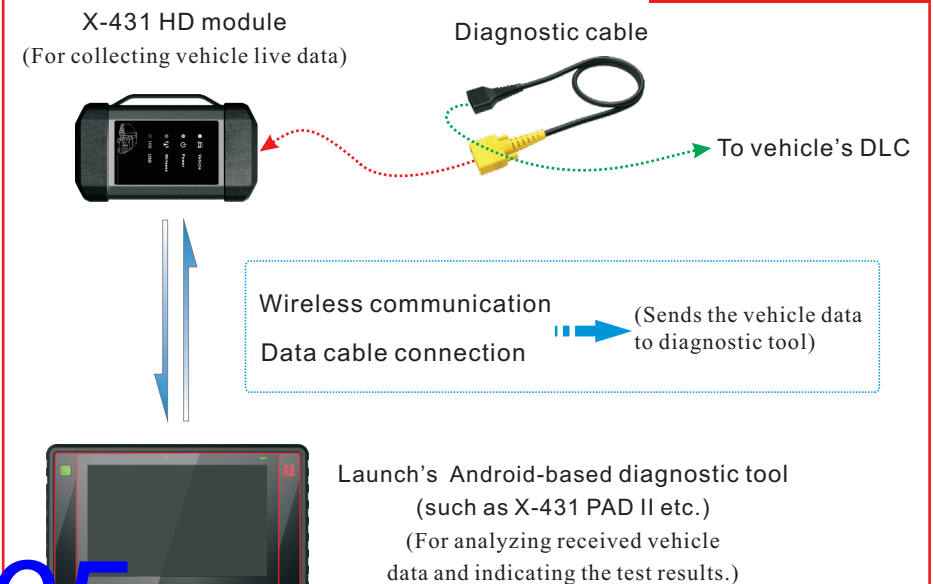
Note: When the diagnostic cable or adaptor cable keeps unused, please remember to unplug it from the vehicle's DLC.



Accessory Checklist

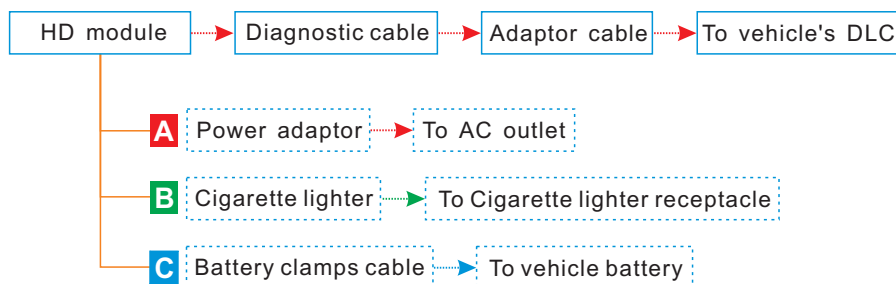
X-431 HD module	Diagnostic cable	Data cables
(For accessing vehicle live data)	(To connect the HD module and diagnostic tool to perform vehicle diagnosis.)	(To connect the HD module to the diagnostic tool with different type of data transmission ports.)
Cigarette lighter	Battery clamps cable	Adaptor cable kit
(To supply power to the HD module through connection to cigarette lighter receptacle.)	(To supply power to the HD module through connection to vehicle's battery.)	(For different vehicle diagnostic socket, it may be necessary to use one of the adaptor cables included within the kit.)
Power adaptor	Password envelope	
(To supply power to the HD module through AC outlet.)	(A piece of paper bearing S/N and Activation Code, which is needed for your registration.)	

Working Principle



1 Connections

1. Locate the vehicle's DLC: The DLC (Data Link Connector) is typically a connector where diagnostic code readers interface with the vehicle's on-board computer. The DLC location varies from vehicle to vehicle. It is generally located in driver's cab. If no DLC is found, please refer to Automobile Repair Manual.
2. Switch the ignition on.
3. For vehicles equipped with OBDII management system, plug one end of the diagnostic cable into the vehicle's DLC, and the other end into the diagnostic socket of the HD module, and then tighten the captive screws.
For vehicles not equipped with OBDII management system, it is necessary to use the corresponding adaptor cable, and then follow one of the methods below to make connection:



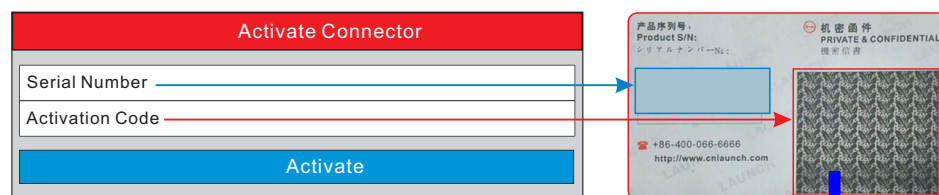
5. To perform vehicle diagnosis via data cable, connect the B-shaped terminal of the data cable to the HD module and other end to the diagnostic tool.

2 Activate X-431 HD Module & Download Software

If you had a diagnostic tool of 12V passenger car configuration and intend to experience the diagnosis of commercial vehicles, follow the steps described below to activate the module:

Note: Please make sure that the diagnostic tool is properly connected to the Internet before proceeding this step.

1. Launch the application, then tap -> "Profile" -> "Activate Connector".



2 Activate X-431 HD Module & Download Software(Cont.)

2. Input the Product S/N and Activation Code, which can be obtained from the included Password Envelope, then tap "Activate" to activate it and advance to the update center.
3. Tap "Update" to download and install it.
4. Once the module is activated, a new "Heavy-duty" tab appears on the diagnostic main menu screen.

*Note: Once newer software is detected, a pop-up message will prompt you. In this case, tap "Update now" to keep synchronized with the latest version.

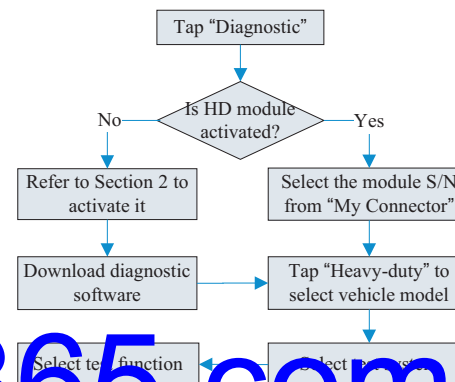
3 Toggle Between Passenger and Commercial Vehicles

If several VCI connectors and HD module are activated on the diagnostic tool, a list of connectors will be displayed in the "My Connector", which can be accessed by tapping -> "Profile" -> "My Connector".

- If you want to switch from a passenger car to a commercial vehicle, enter "My Connector" -> select the HD module S/N (starting with 98649) -> tap to navigate to the diagnostic main menu -> connect the VCI module, diagnostic tool and vehicle -> tap "Heavy-duty" tab to select the corresponding vehicle model -> follow the on-screen prompts to start a diagnostic session.
- To switch from a commercial vehicle to a passenger car, enter "My Connector" -> select the VCI connector S/N -> tap to navigate to the diagnostic main menu -> connect the VCI module, diagnostic tool and vehicle -> Use VINScan (or manual diagnosis) to start diagnosis.

4 Start Diagnostics

Follow the sequence below to start a new diagnostic session.



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THANK YOU FOR CHOOSING LAUNCH!

If you have any questions or comments please forward them to:

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