

Automotive Technology Land Rover original factory modification training



Device Selection: DAVINA3/JLR-VCI

It is produced by British DA company. Before JLR VCI was listed, DAVINA3 was always used outside. In fact, DA3 is the same device as JLR-VCI, and its motherboard structure is exactly the same. JLR-VCI is officially bought by Land Rover after DAVINA3, the new packaging and The name, of course, has been changed in the internal software. At present, JLR-VCI is one of the officially designated original diagnostic equipment. It has low failure rate, stable use, and fast communication speed. It is currently one of the necessary equipment for Land Rover maintenance and modification (Officially certified by Land Rover)



Device Selection : JLR DoIP Vci

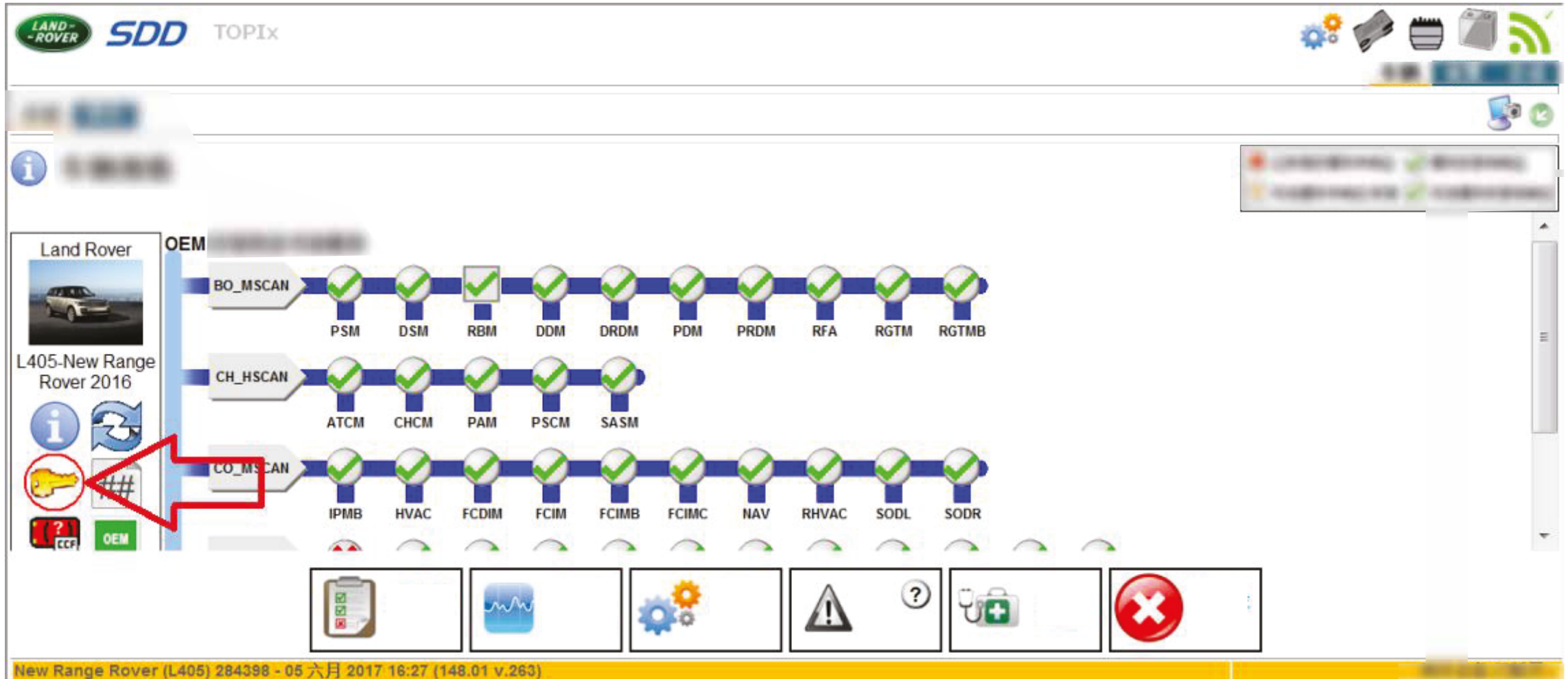
Pathfinder diagnostic system (provided by BOSCH), the corresponding diagnostic equipment will also be updated, the new diagnostic equipment JLR DoiP VCI supports the new (Internet Protocol (DoIP) protocol. **Most of the 405\494\462 models listed in 2017 adopt the DOIP protocol.** This device must be used for communication. Vehicles before 2017 still need SDD software for communication detection



to sum up

1. All models before 17 years, and some new models on the market in 2017, still need to use the SDD system, that is, JLR VCI as the communication carrier, the SDD software has not been eliminated, and it will still be the main original diagnostic equipment of Land Rover for a period of time.
2. Some models (462\405\494) on the market in 2017 adopt the new DoIP protocol and need to use JLR Doip vci as the communication carrier and use the new PATHFINDER software.

Enter SDD engineering mode and click the golden key as shown in the figure



LAND-ROVER SDD TOPIx

Vehicle identification code: SALGA3VF4GA284398
seed: H78PM7ALFF
password:

OEM 安装的及可选模块

BO_MSCAN PSM DSM RBM DOM ORDM POM PROM RFA RGTM RGM

CH_MSCAN ATCM CHCM PAM PSCM SASM

CD_MSCAN IPMB HVAC ECOM ECM ECOMB PCIM PCIMV RHYM SODI SODR

activation cancel

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SDD engineering mode entry-seed code calculation

The screenshot shows a software window titled "Coded access password generator". It contains several input fields and a list of options. Red arrows and boxes highlight specific features:

- Mark:** A red arrow points to the "Land Rover" radio button.
- Seed:** The text "LGHA7ML8AM" is entered in the seed field.
- Generate password:** A red arrow points to the "Generate password" button.
- Options:** A red arrow points to the "CCF_EDITOR" checkbox, which is checked. A red box labeled "CFF modify configuration" is next to it.
- SOFTWARE_DOWNLOAD:** A red arrow points to the "SOFTWARE_DOWNLOAD" checkbox, which is unchecked. A red box labeled "software download" is next to it.
- Password:** The text "F922FCA9LPCCCP" is displayed in the password field.
- Seed params:** The "Time" field contains "09:34" and the "VIN" field contains "732179".
- OK:** An "OK" button is located at the bottom center.

Enter the seed password to enter the engineering mode

The screenshot shows the SDD TOPIx software interface. At the top, there are logos for LAND-ROVER, SDD, and TOPIx. The main area displays the vehicle identification code: SALGA3VF4GA284398, the seed: H78PM7ALFF, and a password field with dots. Below this, there is a grid of modules with checkmarks, including BO_MSCAN, CH_MSCAN, CO_MSCAN, PSM, DSM, RBM, DDM, DRDM, PDM, PRDM, RFA, ATCM, CHCM, PAM, PSCM, SASM, and others. A red circle highlights the 'activation' button. A dialog box titled 'Coded access password generator' is open, showing the same seed and a generated password: FWL9RP2RAFCCEP. The dialog also has options for CCF_EDITOR, L316_ODO_APP, TAIWAN_VEHICLE_UPDATE, SOFTWARE_DOWNLOAD, L322_ODO_APP, L322_RECOVER_KEYS, L322_ERASE_KEYS, and OPTION_8. The bottom status bar reads: New Range Rover (L405) 284398 - 05 六月 2017 16:24 (148.01 v.263).

Enter the SDD engineering mode—run the current vehicle configuration adjustment in the maintenance function for CCF configuration









Repair function



	SERVICE checksheet	Execute	Run
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Type	description	Status	Praise
		Execute	Run

Dedicated application

Type	description	Status	Praise
	Vehicle configuration management	Execute	Run

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网关设备 已断开。

[illegible]