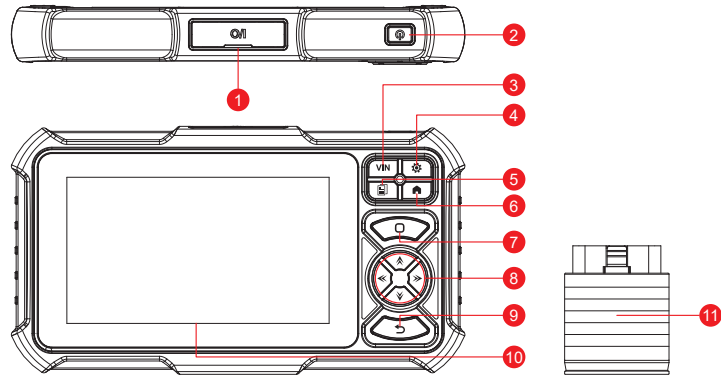






ANCEL DS300
User Manual

01 Product Overview



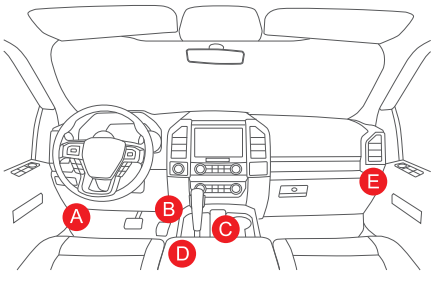
- Charging Port: TYPE-C charging port & development system debugging USB port which can support USB driver.
- PowerScreen Lock Button: Long press for 3 seconds to turn on or off, single press to lock/unlock the screen.
- VIN Button: Read vehicle VIN code shortcut button.
- Settings Button: System settings shortcut button.
- Report Button: Diagnostic report shortcut button.
- Home Button: Back to home page.
- Custom Button: Press to custom.
- Selection Buttons: Up, down, left and right direction selection.
- Return Button: Return to the previous page.
- Touch Screen: 7 inches touch screen (1024*768 resolution).
- VDS: Vehicle Communications Interface, connect VCI to use OBD port for diagnosis.

02 Technical Specifications

Product host Working Environment: 0°C ~ 50°C (32°F ~ 122°F) Storage Environment: -20°C ~ 60°C (-4°F ~ 140°F) Working Voltage: 5V Working Current: <2.5A	VCI Working Voltage: 0-16V Working Current: <1.330A
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Supported Protocols:
SAE J1850 PWM, SAE J1850 VPW, ISO 9141-2 ISO, ISO 14226-4 KWP, ISO 15765-4 CAN.

03 Connect the Ancel DS300 with your vehicle through the OBDII port




Usually, the OBD port is located under the dashboard, above the pedal on the driver's side. The first location shows the location where the program can connect OBD port location.

04 Turn on the Ancel DS300




When the power button is long pressed and the product is turned on, the product interface above will be displayed.

05 Choose a language




First, please select the language you need. After selecting, the operation page will display the language you selected.

06 Connect to Wi-Fi




The system will automatically search all available Wi-Fi networks and you can choose the "Wi-Fi" needed. Notice the "Wi-Fi" must be set before use.

07 Choose privacy agreement



Please read carefully and check the box to agree to the agreement. You need to agree to the agreement before you can use the product.


08 Functions Description



The Ancel DS300 home page has the following functions:

8.1 Autoscan:

Automatic scanning of car module VIN. Automatically identify vehicle make, model and year.



Make: USATFORD Year: 2012 Model: Mustang


8.2 Diagnose:

Automatic scanning of car module VIN. Automatically identify vehicle make, model and year.

ORDAM:
9 interconnected module diagnosis


Demo:
Experience the diagnosis process through demo.

History:
Diagnostic records.



8.4 Maintenance:

Real-time maintenance and reset functions, namely: Maintenance light reset, Steering angle reset, Battery recharging, ABS oil change, Vehicle recharging, Brake pad reset, EPB regeneration, Anti-lift recharging, Ignition coil, Tire pressure reset, Suspension level calibration, Headlight recharging, Direction recharging, Steering recharging, OBD location, Clear learning, OBD reset, Airbag reset, Transport Mode, AP Reset, Stop/Start Reset, VCI Sensor Reset, Airflow Reset, Exhaust Gas Reset, Fuel Reset, Fuel Calibration, Control Recharging, Tire Reset, Windows Calibration and Language Setting.



8.5 File:

It is used to record and edit the file of the diagnosed vehicle. The files are created based on the vehicle VIN and the check item, including all diagnostic-related data such as diagnostic reports, data record records and screenshots.

8.6 Consult:

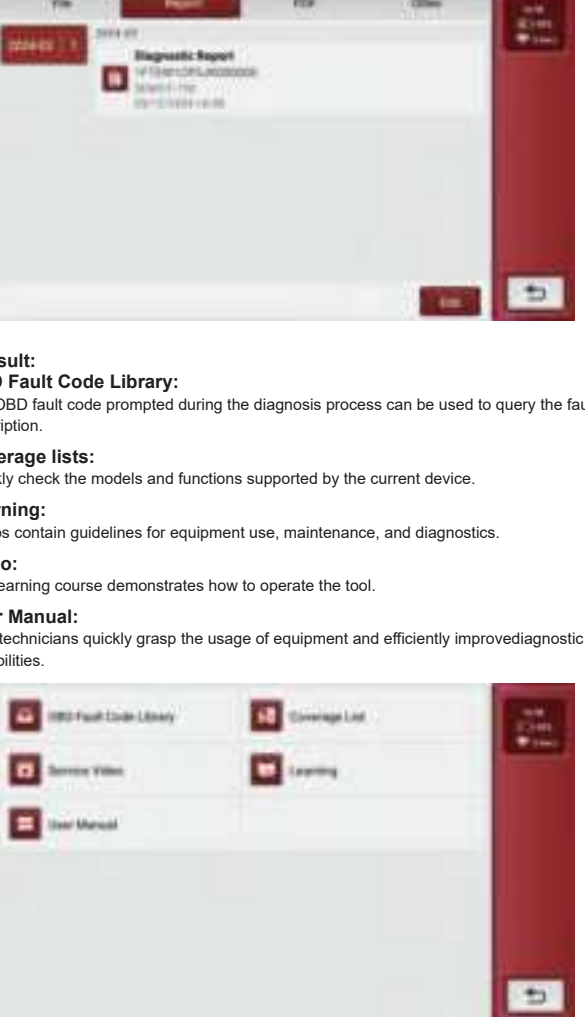
OBD Fault Code Library:
The OBD fault code prompted during the diagnosis process can be used to query the fault description.

Coverage list:
Quickly check the modules and functions supported by the current device.

Learning:
Vehicle owner guidelines for equipment use, maintenance, and diagnosis.

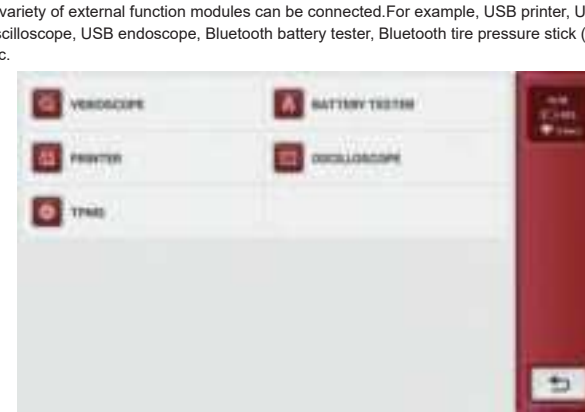
Video:
The training course demonstrates how to operate the tool.

User Manual:
Help users learn quickly grasp the usage of equipment and efficiently improve diagnostic capabilities.




8.7 Module:

A variety of external function modules can be connected. For example, USB printer, USB oscilloscope, USB endoscope, Bluetooth battery tester, Bluetooth tire pressure stick (TPMS), etc.



8.8 Feedback:

If you use the built-in feedback function to us during the diagnosis process, the feedback record will be displayed here.




8.9 Update:

This module allows you to update the diagnostic software & App and not frequently used software. If you did not download the software at registration or some software is newly updated, you may use the option to download & not keep it synchronized with the latest version.

8.10 Settings:

Common system settings can be made here to modify and add information.



You can do some basic set up in this page. Include Wi-Fi, screen brightness, language, time zone, and so on.

Feedback: You can feedback the diagnostic software/app bugs to us for analysis and improvement.

Update: This module allows you to update the diagnostic software & App and set up frequently used software.

Screenlock: Turn on this switch to take a screen capture.

Screen-Setting release: Turn on this switch to avoid the screen operation video.

Network: Set for connectable Wi-Fi network.

Pressure: Set for connectable tire pressure.

Language: Select the tool language.

Time zone: Choose the time zone of the current location, then the system will automatically configure the time according to the time zone you choose.

09 Settings

Here we list some common questions and answers related to this tool.

1. Q: Why does it have no responses when connected to a vehicle?
A: Check whether the connection with the vehicle diagnostic port is proper, whether the ignition switch is on, and whether the tool supports the vehicle.

10 FAQ

1. Q: Why does it have no responses when connected to a vehicle?
A: Check whether the connection with the vehicle diagnostic port is proper, whether the ignition switch is on, and whether the tool supports the vehicle.

11 Warranty Terms

This warranty applies only to users and distributors who purchase ANCEL products through normal procedures. Within one year from the date of delivery, ANCEL warrants its electronic products for damage caused by defects in materials or workmanship. Damage to the equipment or components because of abuse, unauthorized modification, use for non-designated purposes, operation in a manner not specified in the instructions, etc. are not covered by this warranty. The compensation for accidental damage caused by the defect of the equipment is limited to repair or replacement. ANCEL does not bear any indirect and incidental losses. ANCEL will judge the value of the equipment damage according to its prescribed inspection methods. No agents, employees or business representatives of ANCEL are authorized to make any confirmation, notice or promise related to this product.

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Products, technical, videos, GMA and coverage list are available on ANCEL official website.

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