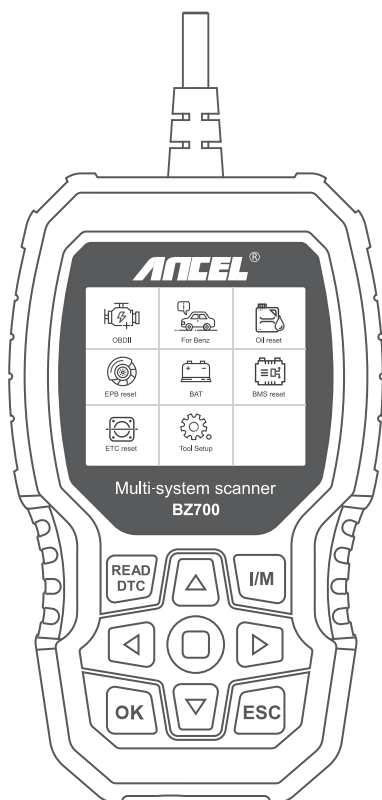


ANCEL[®]

BZ700



Safety Precautions and Warnings

To avoid injury or damage to the vehicle and/or scan tool, first read this manual and observe the following safety precautions when working on a vehicle:

- First, turn off the ignition. Connect the 16-pin connector, and then turn on the ignition. Always perform vehicle tests in a safe environment.
- Do not attempt to operate or observe the device while driving a vehicle.
- Operating or observing the device distracts the driver and may result in a fatal accident.
- Wear safety glasses that meet the standards of ANSI.
- Keep clothing, hair, hands, tools, test equipment, etc. away from all moving or hot engine parts.
- Operate the vehicle in a well-ventilated area: exhaust fumes are toxic.
- Place blocks in front of the drive wheels and never leave the vehicle unattended while performing tests.
- Use extreme caution when working near the ignition coil, distributor cap, ignition wires and spark plugs. These components generate dangerous voltages when the engine is running.
- Keep a fire extinguisher nearby that is suitable for gasoline, chemical, and electrical fires.
- Keep the scan tool dry, clean, and free of oil/water or grease. If necessary, use a mild detergent on a clean cloth to clean the outside of the scan tool.

Instructions Manual

- 1) Turn on the vehicle ignition;
- 2) Locate the vehicle's 16-pin Data Link Connector (DLC);
- 3) Connect the device to the vehicle's 16-pin Data Link Connector, do not use USB to power devices;
- 4) Start using your device.

1. Product Descriptions

1) BZ700 works on most after 1996 OBDII compliant US, European and Asian vehicles.

2) ONLY SUPPORT Mercedes Benz with OBD2 interface 16PIN and voltage 12V from 2000 to 2020.

Mercedes-Benz models with 38PIN interface and models after 2020 are NOT SUPPORTED.

2. Product Specification

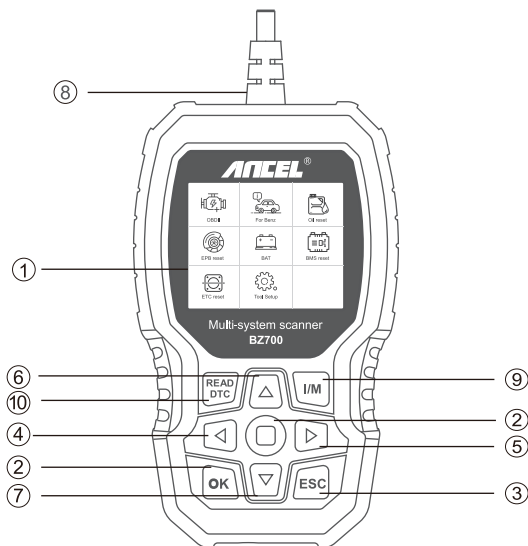
2.8" LCD, 320 X 240 pixels color screen

Operating Voltage: 8V-18V

Operating Temperature: 0°C~60°C (32~140°F)

Storage Temperature: -20°C~70°C (-4~158°F)

3. Description of appearance and buttons



- ① LCD DISPLAY - Displays test results. Display with backlight, 320 x 240 pixels
- ② [OK] BUTTON - Confirms a selection (or action) from a menu.
- ③ [ESC] BUTTON - Cancels a selection (or action) from a menu or returns to the menu.
- ④ [LEFT] SCROLL BUTTON - move left through menu and submenu in menu mode, when scrolling in a data interface the left key can be used to move to the last screen.
- ⑤ [RIGHT] SCROLL BUTTON - in menu mode move through the menu and submenu items to the right, when scrolling in a data interface the right key can be used to move to the next screen.
- ⑥ [UP] SCROLL BUTTON - in menu mode, move up through the menu and submenu items. When retrieving data for more than one screen, by moving the screen up to the previous screen for more data.
- ⑦ [DOWN] SCROLL BUTTON - in menu mode, using the menu and submenu items to move down. If retrieving data for more than one screen, move down the screen to the next screen for more data.
- ⑧ OBD-16PIN CONNECTOR - Connects the scan tool to the vehicle's Data Link Connector (DLC).
- ⑨ [I/M] BUTTON - Quick State Emissions Readiness Check and Drive Cycle Check.
- ⑩ [READ DTC] BUTTON - Quick readout of the vehicle's fault code.

I/M Readiness			
IGN	Spark	DTC	0
MIL		PdDTC	0
MIS	⊘	EVAP	⊘
FUE	✓	AIR	⊘
CCM	✓	O2S	✗
CAT	✓	HTR	✗
HCA	⊘	EGR	⊘

Remarks:

MIL Yellow- Dashboard MIL ON

MIL Gray-Dashboard MIL OFF

⊘ -not support

✓ -complete

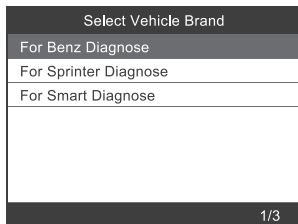
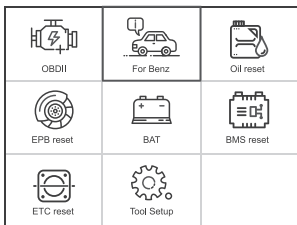
✗ -not complete

4. Diagnosis

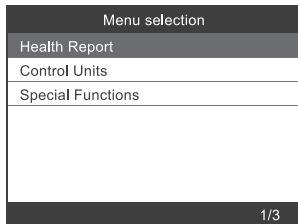
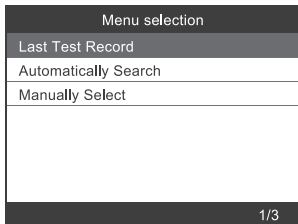
4.1 For Benz

This product mainly tests Mercedes-Benz, Sprinter and Smart. Let's take Mercedes-Benz as an example to analyze the general functions of the product.

Select [For Benz] it will show as follows:

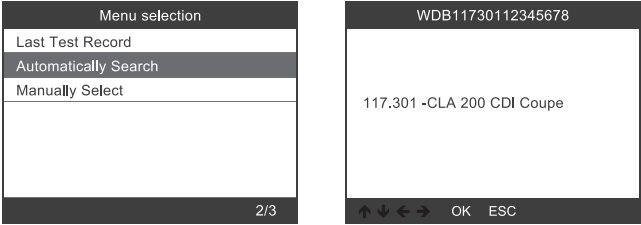


4.1.1 Select [OK] to continue, In [For Benz Diagnose], Select [Last Test Record] and the following interface will appear:



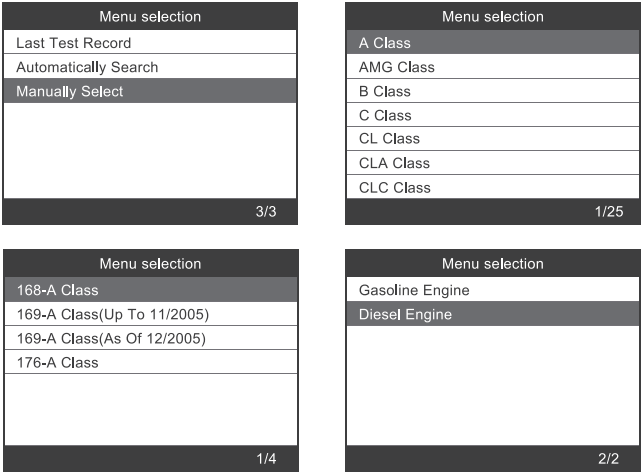
Remark: In the last test record, you can quickly find the result of the last test.

4.1.2 In [Automatically Search], it can identify the name and year of the vehicle by VIN.



Mark: [Automatically Search] read VIN to analyze and identify specific models and chassis. Currently, only Mercedes-Benz cars support automatic recognition, and Smart and Sprinter do not support Automatically Search.

4.1.3 Manually Select: If the automatically Search is abnormal, customer can use the Manually Select to test.
In [Manually Select], it shows as follows:



Menu selection
Left-hand Steering
Right-hand Steering
1/2

Menu selection
168.006 - A 160 CDI
168.007 - A 160 CDI
168.008 - A 170 CDI
168.009 - A 170 CDI
168.009 - A 170 L CDI
1/5

Select [Health Report],it shows as follows:

Menu selection
Health Report
Control Units
Special Functions
1/3

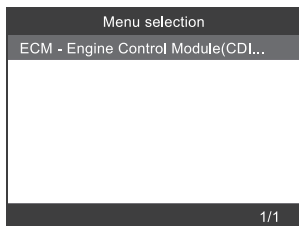
Scanning...[12%]
ECM - Engine Control Modu... 1
FTC -Front Transmission Co
2/2

Select System
-Engine Control Module(CDI) 1
1/1

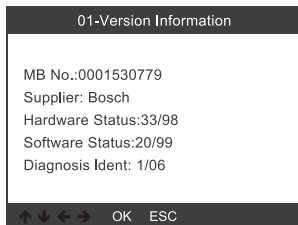
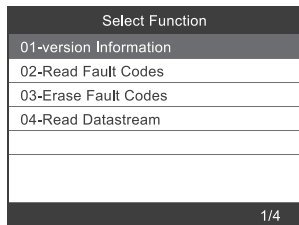
Select [Control Units], it display as belows:

Menu selection
Health Report
Control Units
Special Functions
2/3

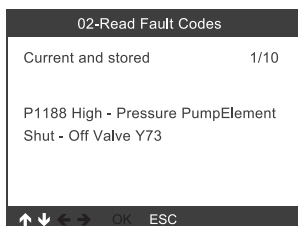
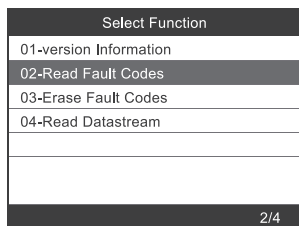
Menu selection
Drive
Chassis
Body
Information And Communication
Seats And Doors
Air Conditioning
1/6



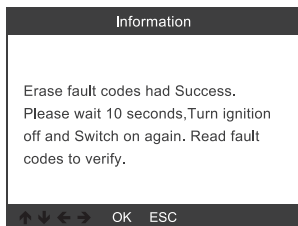
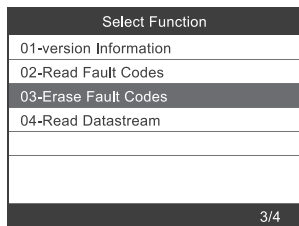
Select [Version Information],it display as belows:



Select [Read Fault Codes], it will show as follows:



Select [Erase Fault Codes],it display as belows:



Select [Read Datastream], it display as follows:

Select Function
01-version Information
02-Read Fault Codes
03-Erase Fault Codes
04-Read Datastream
4/4

Datastream
ck Engine At Cold Start And In W
1/1

Datastream
View All Items
Select Items
1/2

Datastream	
01 Circuit 50 input Through CAN	OFF
03 Circuit 15	ON
24 Stop Lamp Switch Through CAN	OFF
02 Circuit 50 output	ON
04 Circuit 87 V	12.4
1~5/42	

Datastream
View All Items
Select Items
2/2

Select Datastream	
[]	All Datastream Of Page
[]	01 Circuit 50 input Through CAN
[]	03 Circuit 15
[]	24 Stop Lamp switch Through CAN
[]	02 Circuit 50 output
1~4/42	

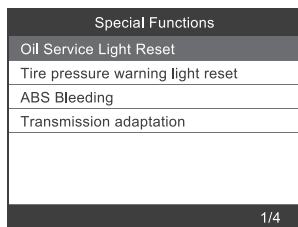
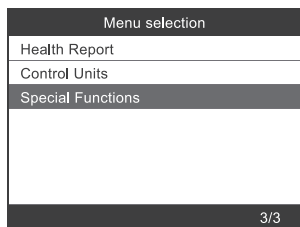
Mark: Select [LEFT] and [RIGHT] buttons to page

Select [UP] and [DOWN] buttons to select one by one

Select [OK] button to select the Datastream

Select [ESC] button to read Datastream

Select [Special Functions],it will display as follows:



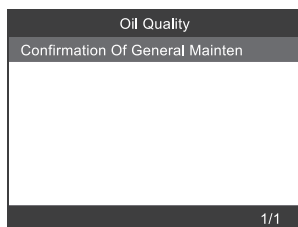
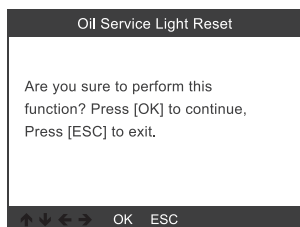
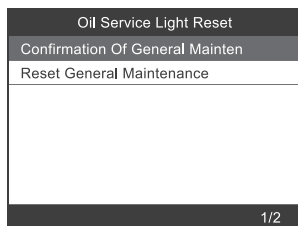
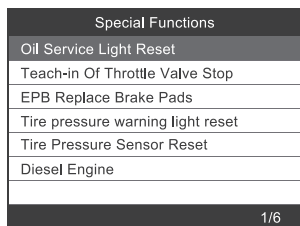
Note: The special functions supported by different models are different

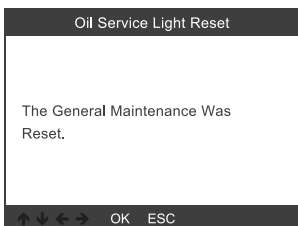
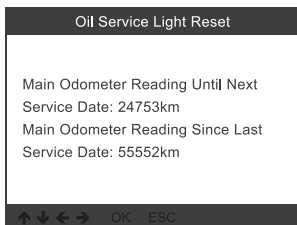
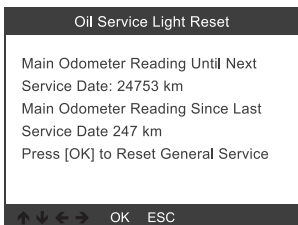
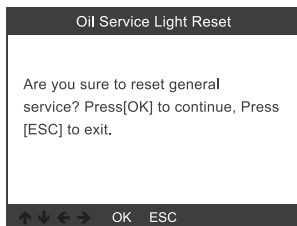
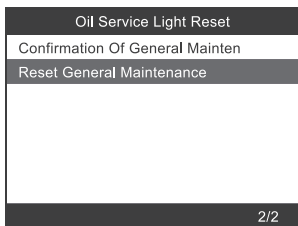
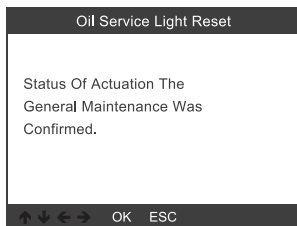
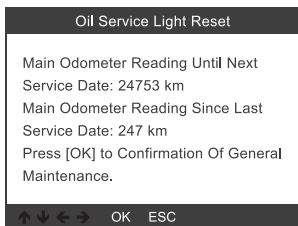
4.2 Special Functions for Benz

2.2.1 Oil Service Light Reset

Select [Special Functions] and go to [Oil Service Light Reset]

Follow the instructions on the interface to complete the Oil Service Light Reset. The specific steps are as follows:

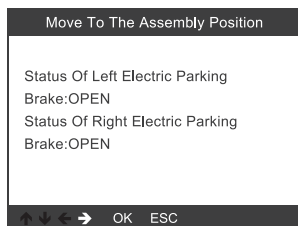
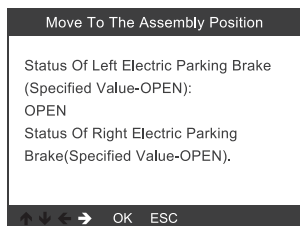
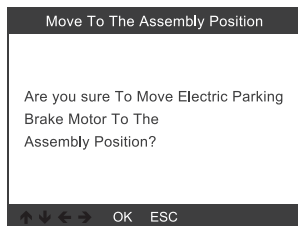
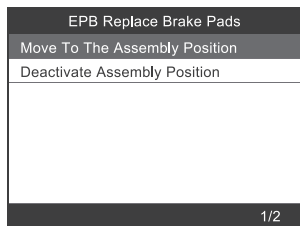
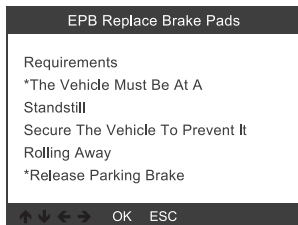
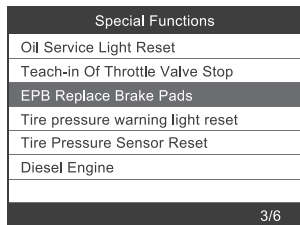


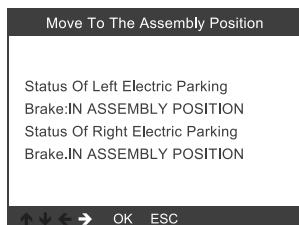
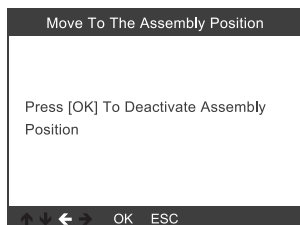
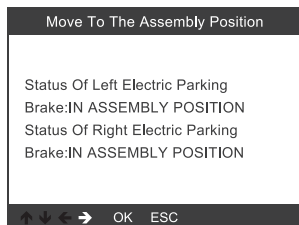
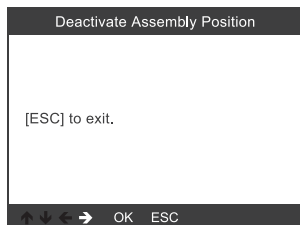
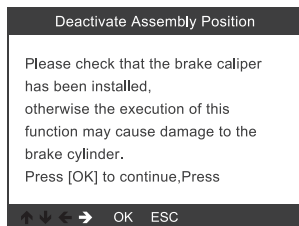
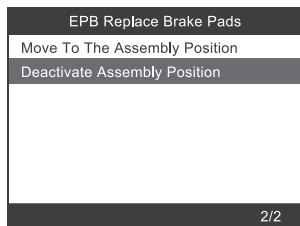
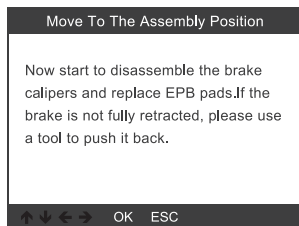
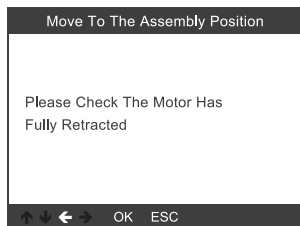


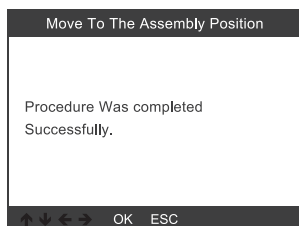
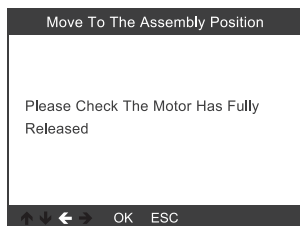
Note: The above is the main content of Oil Service Light Reset; please operate according to the above steps.

4.2.2 EPB Replace Brake Pads

Select [Special Functions] and go to [EPB Replace Brake Pads]
Follow the instructions on the interface to complete the EPB Replace Brake Pads. The specific steps are shown in the figure below.





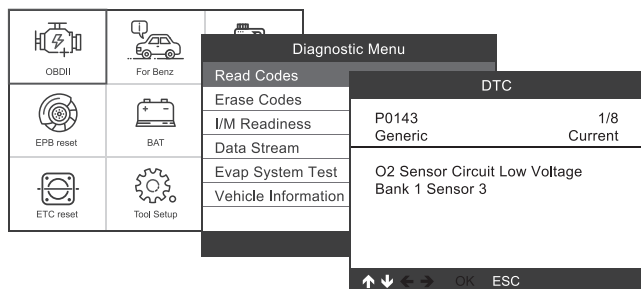


Note: The special features of each model are different, please according to the actual operation.

5. OBDII System

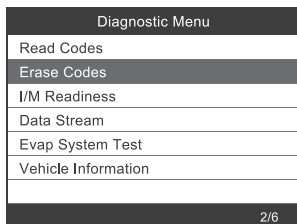
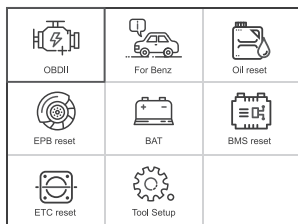
5.1 Read Codes

Select [OBDII] and select [Read Codes], it will be displayed as follows:

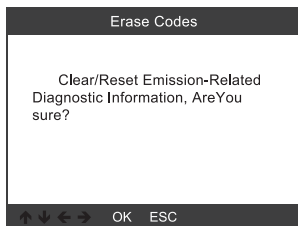


5.2 Erase Codes

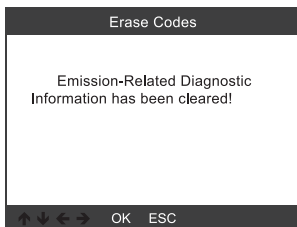
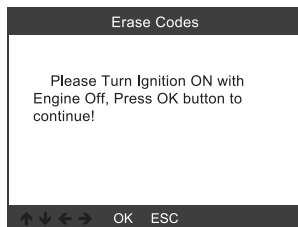
Select [OBDII] and select [Erase Codes], it will be displayed as follows:



A warning message comes up asking for your confirmation.

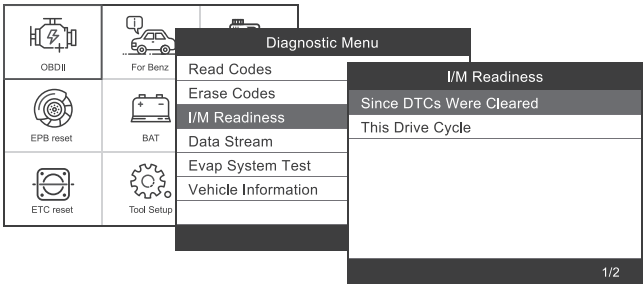


Press the [OK] button to confirm.



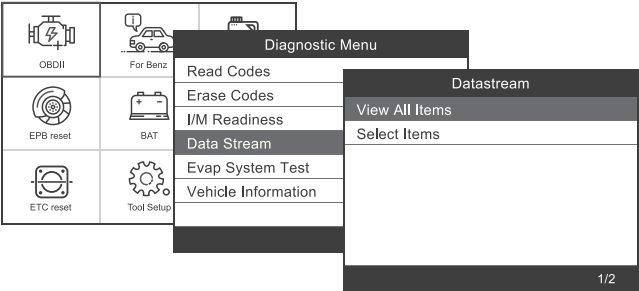
5.3 I/M Readiness

Select [OBDII] and select [I/M Readiness], it will be displayed as follows:



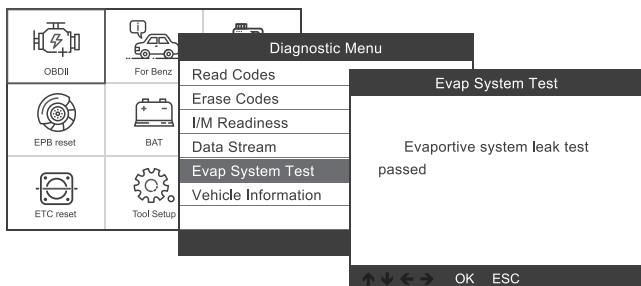
5.4 Data Stream

Select [OBDII] and select [Data Stream], it will be displayed as follows:



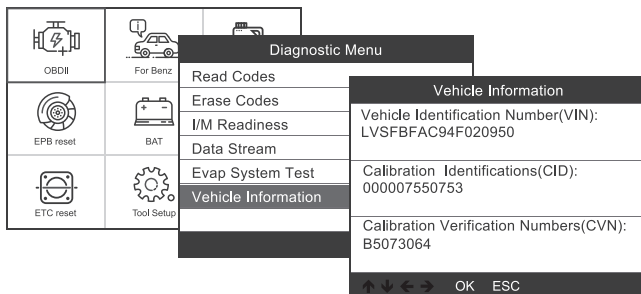
5.5 Evap System Test

Select [OBDII] and select [EVAP System Test], it will be displayed as follows:



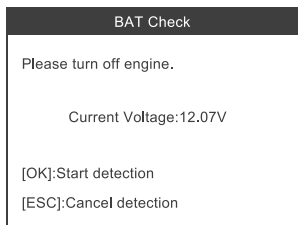
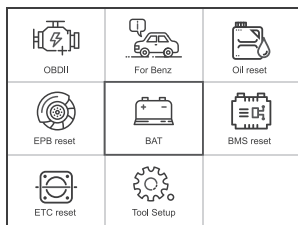
5.6 Vehicle Information

Select [OBDII] and select [Vehicle Information], it will be displayed as follows:

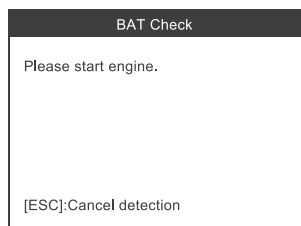


6. BAT Check

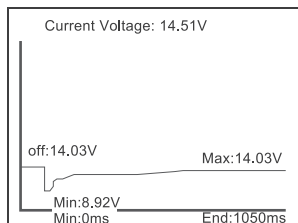
This function allows you to read the battery voltage in real time. From the main menu, use the navigation button LEFT/ RIGHT to select the menu BAT and press the button OK. The screen will display the interface shown below:



Please turn off the engine.



When you press [OK] and start the detection, the interface will be displayed:



Note: The above results are examples; please refer to the actual test vehicle for real results.

7. Tool Setup

7.1 Language

Select [Language] and it displays as follows:

Tool Setup	
Language	
Beeper	
Instructions(Display at startup)	
Unit of Measure	
Skin Style	
Feedback	
Device Information	
1/7	

Language	
English	
Deutsch	
Français	
Español	
Русский	
Português	
Suomalainen	
1/10	

7.2 Beeper

Select [Beeper] and it displays as follows:

Tool Setup	
Language	
Beeper	
Instructions(Display at startup)	
Unit of Measure	
Skin Style	
Feedback	
Device Information	
2/7	

Beeper	
OFF	
ON	
1/2	

7.3 Instructions (Display at startup)

Select [Instructions (Display at startup)] and it displays as follows:

Tool Setup	
Language	
Beeper	
Instructions(Display at startup)	
Unit of Measure	
Skin Style	
Feedback	
Device Information	
3/7	

Instructions(Display at startup)	
OFF	
ON	
1/2	

7.4 Unit of measure

Select [Unit of measure] and it displays as follows:

Tool Setup	
Language	
Beeper	
Instructions(Display at startup)	
Unit of Measure	
Skin Style	
Feedback	
Device Information	
4/7	

Unit of measure	
Metric	
Imperial	
1/2	

7.5 Skin Style

Select [Skin Style] and it displays as follows:

Tool Setup	
Language	
Beeper	
Instructions(Display at startup)	
Unit of Measure	
Skin Style	
Feedback	
Device Information	
5/7	

Skin Style	
Sky Gray	
Gem Blue	
1/2	

7.6 Feedback

1) If the device indicates a connection error with the vehicle or any other problem, during use, please use the feedback function.

Select [Feedback] and it will be displayed as follows:

Tool Setup	
Language	
Beeper	
Instructions(Display at startup)	
Unit of Measure	
Skin Style	
Feedback	
Device Information	
6/7	

Feedback	
Automatic recording is ready, perform the related functions that require feedback. After the execution,disconnect the car,connect to the computer via USB.use the update.exe tool.	
↑ ↓ ← → OK ESC	

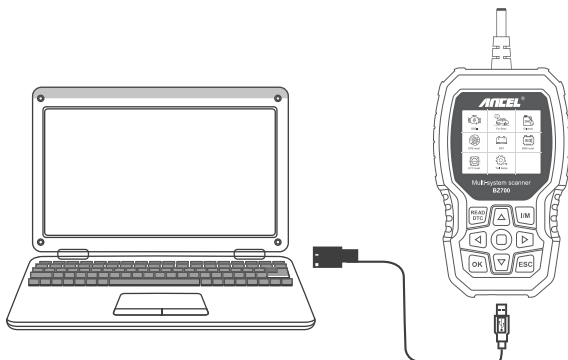
or Example: Register Battery Change enter [Register Battery Change] and run Register Battery Change again (This step is very important).

Note: Keep the device connected to the vehicle during the above steps.

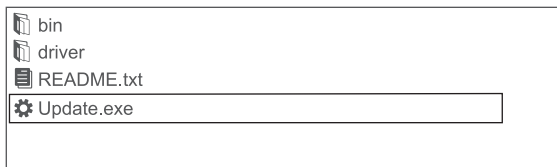
2) After you have registered the battery change, disconnect the device from the vehicle.

3) Transfer the data to your computer and create a feedback file.
(You need to download the update file from ANCEL website to your computer).

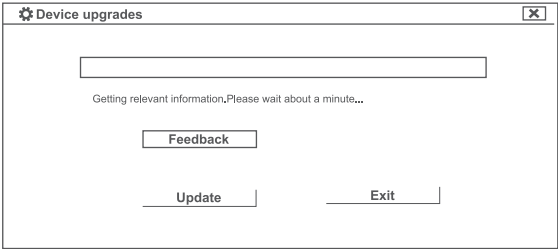
The device is connected to the computer via USB cable.



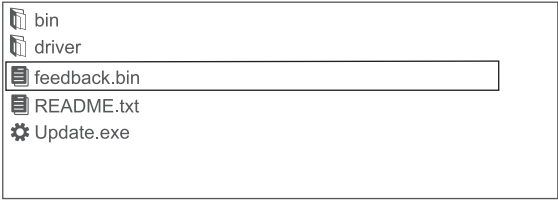
Select the "Update" file and it will be displayed as follows:



Click “Feedback” and it displays as follow:



Please send the feedback.bin file to support@anceltech.com



7.7 Device information

Select [Device information] and it will be displayed as follows:

Tool Setup
Language
Beeper
Instrucions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
Device Information
7/7

Device Information	
Software Version:	01.01.000
Hardware Version:	01.00.000
Serial Number:	ANCEL08558000897633
↑ ↓ ← → OK ESC	

8. Update

- 1) Download the update software and unzip the file.
- 2) Connect the device to the computer via USB cable.
- 3) The update software is only supported by 7/8/10. In Windows 7, you need to install the driver, in Windows 8/10, you can run the update software directly.

Note:

Windows XP and Apple computers do not support upgrades.

If you do not understand the upgrade steps in the instructions, please contact ANCEL customer service.

9. Warranty

- 1) This warranty is limited to the person who purchases ANCEL products.
- 2) ANCEL products are warranted against defects in materials and workmanship for a period of one year (12 months) from the date of shipment to the user.

OBDSpace TECHNOLOGY CO.,LTD

Address: D03, Block A, No. 973 Minzhi Ave., Longhua District,
Shenzhen, Guangdong, China

support@anceltech.com

www.anceltech.com



Séparez les éléments avant de trier