AD310 Pro

User's Manual



Trademarks

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Disclaimer:

The information, specifications and illustrations in this manual are based on the latest information available at the time of printing.
ANCEL reserves the right to make changes at any time without notice.

Safety precautions

To prevent personal injury or damage to vehicles and/or the scan tool, read this instruction manual first and observe the following safety precautions at a minimum whenever working on a vehicle:

- Always perform automotive testing in a safe environment.
- Do not attempt to operate or observe the tool while driving a vehicle. Operating or observing the tool will cause driver distraction and could cause a fatal accident.
- Operate the vehicle in a well ventilated work area: Exhaust gases are Poisonous.
- Keep the scan tool dry, clean, free from oil/water or grease.
- Use a mild detergent on a clean cloth to clean the outside of the scan tool, when necessary.
- Check the insulation layer of the battery clamps is in normal condition (no damage. Bareness or disconnection), in case of the electric shock.
- DO NOT smoke, cause sparks, or strike matches near the battery when testing.
- DO NOT remove battery clamps while testing.
- DO NOT put the tester into a highly humid, dusty environment.
- DO NOT disassemble the tester, or may cause damage.

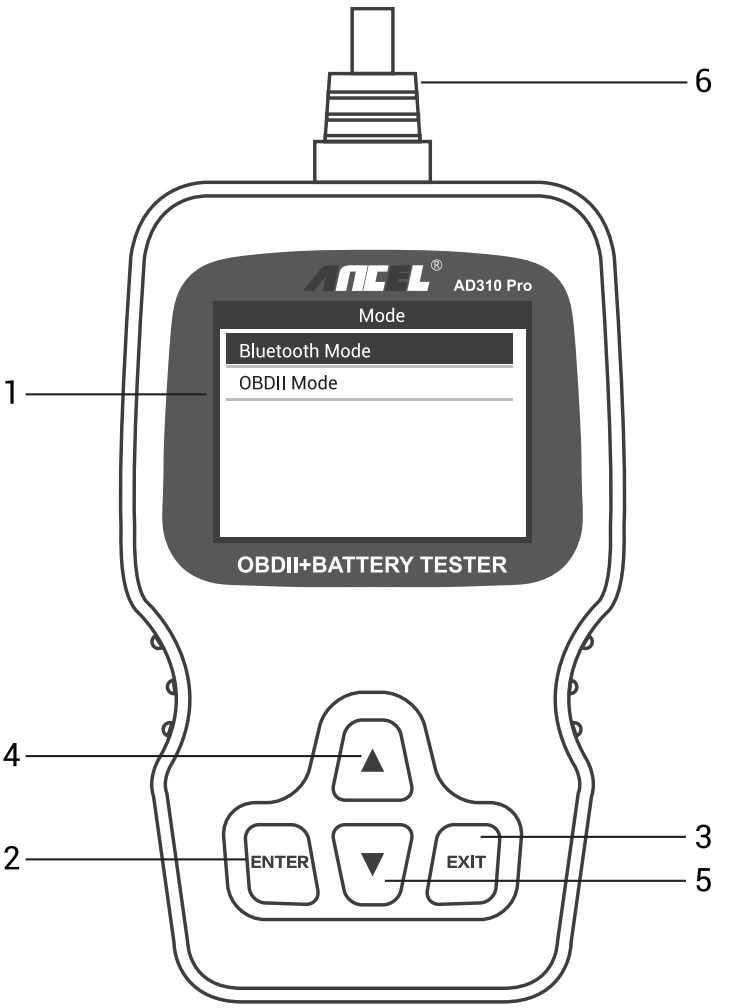
Product Profile

AD310 Pro is a new generation 3-in-1 diagnostic device that can display OBDII functions and battery test data directly on the scanner screen.
It can also display OBDII functions via Bluetooth on the screen of an Android or IOS device.

Product specification

1) Operating Voltage: DC 8-18V.
2) Operating Temperature: 0 to 60°C (32 to 140°F).
3) Storage Temperature: -20 to 70°C (-4 to 158°F).
4) External Power: 8.0 to 18.0V power provided via vehicle battery.

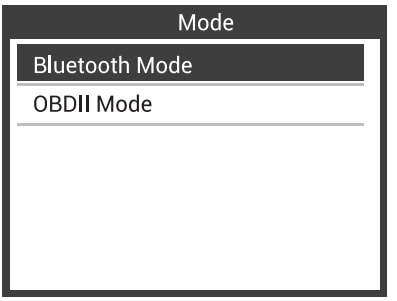
Tool Description - ANCEL AD310 Pro



1) LCD DISPLAY - Displays test results. 2.4" TFT 262K true color, 320*240 QVGA LCD display.
2) ENTER BUTTON – Confirms a selection (or action) from a menu.

3) EXIT BUTTON – Cancels a selection (or action) from a menu or returns to the menu. It is also used to exit DTC Lookup screen.
4) UP SCROLL BUTTON – Moves up through menu and submenu items in menu mode. When more than one screen of data is retrieved, moves up through the current screen to the previous screens for additional data.
5) DOWN SCROLL BUTTON – Moves down through menu and submenu items in menu mode. When more than one screen of data is retrieved, moves down through the current screen to next screens for additional data.
6) OBD II CONNECTOR – Connects the scan tool to the vehicle's Data Link Connector (DLC).

Bluetooth OBDII function (Set Bluetooth Mode)



DOWNLOAD APP

1. Scan the QR code below to download the software for Android and iOS.

ANCEL
Official Website

for Android

for iOS

2. iOS can be downloaded from the APP store by searching for the keyword " ANCEL ".
3. Android can be downloaded from Google Play by searching for the keyword "ANCEL".

Note: This product only supports the ANCEL APP connection and is not compatible with any other APPs.

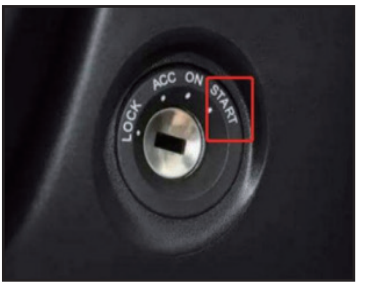
Operation instructions

1) Find the vehicle's 16-pin Data link Connector(DLC)



2) Start the vehicle.



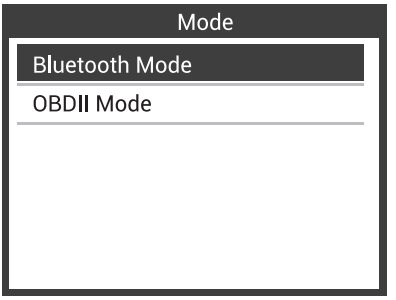


3) Plug the product into the vehicle's OBDII interface.



4) Press ENTER to enter mode menu. Use the UP/DOWN scroll button to select Mode from the menu.



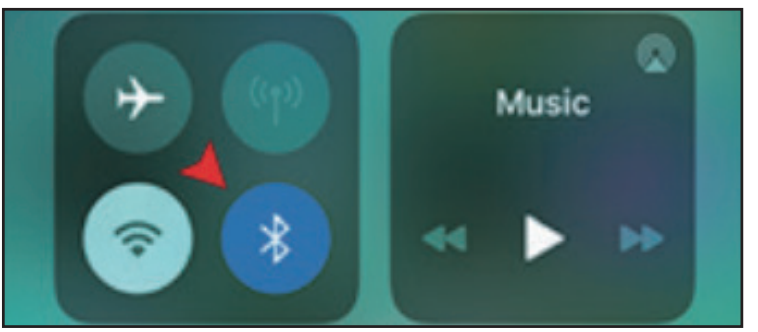




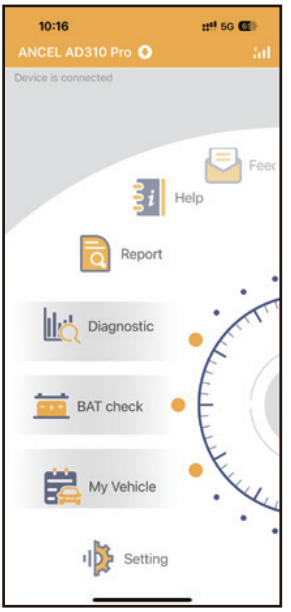
Bluetooth mode (Connect to mobile APP for diagnosis)

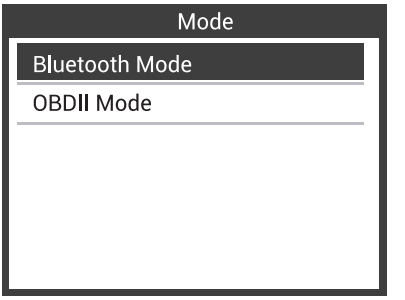
Bluetooth connection for iOS devices

1) Turn on Bluetooth on your phone.
Drag it from the bottom to the top or from the top right to the bottom of the screen to open the context menu. Tap the Bluetooth icon to turn it on. For cell phones with iOS version 13 and higher, you must also turn on Bluetooth in the system's privacy settings.



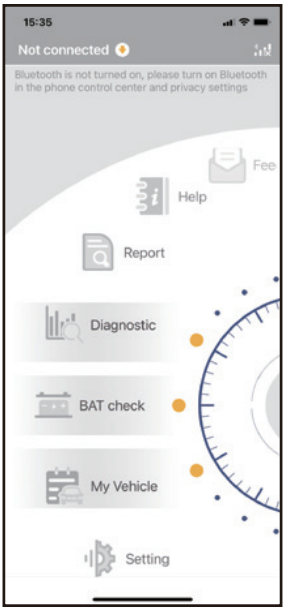
2) Open the "ANCEL" APP, and make sure that the handheld device is in the Bluetooth mode when it connects to the APP.

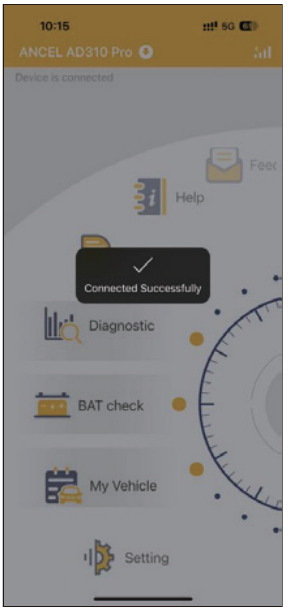






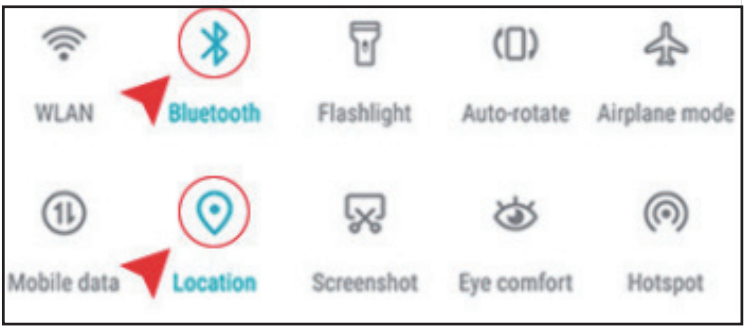
3) The APP will automatically connect to the device. During the connection process, make sure that no other phones have connected to the device. When the "Connected Successfully" message is displayed, the product can be used normally.



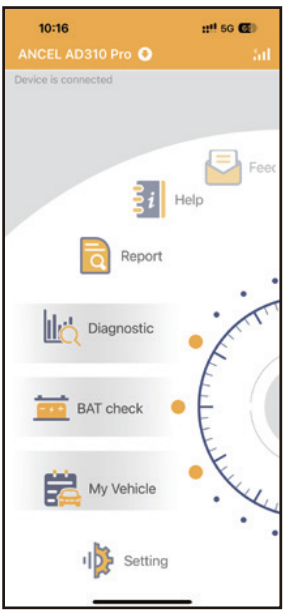


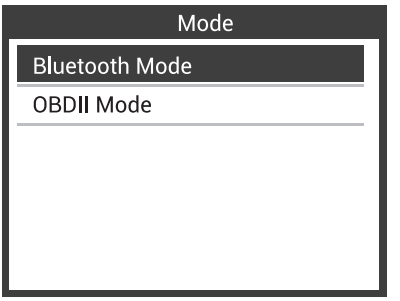
Bluetooth Connection for Android devices

1) Turn on Bluetooth and the Location switch on the phone.



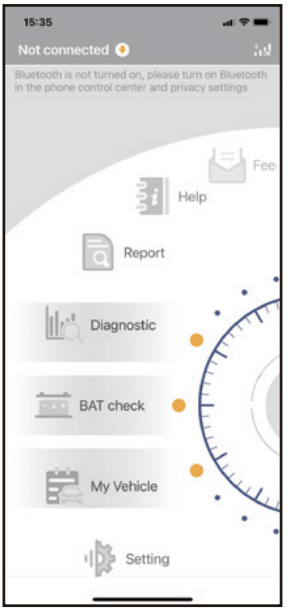
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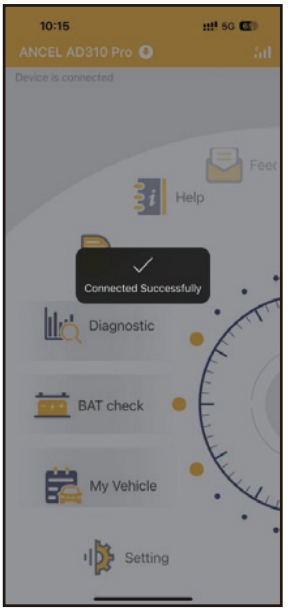






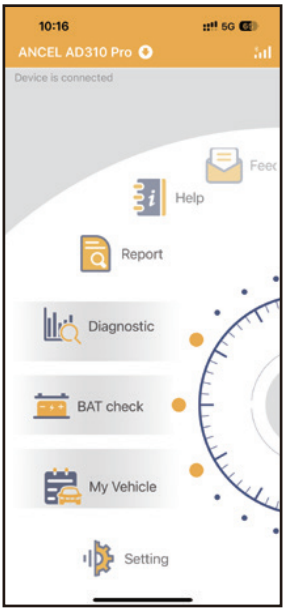
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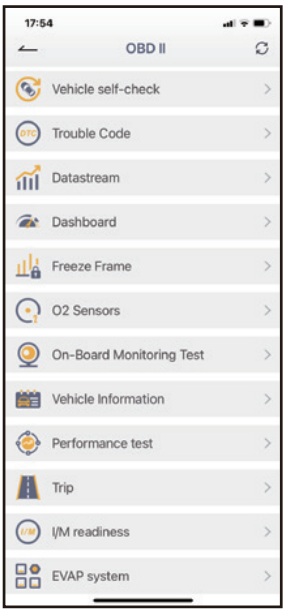




START USING YOUR DEVICE

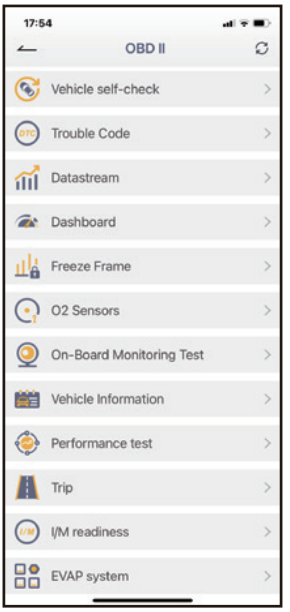
After Bluetooth connection, the diagnostic software will be launched if your vehicle supports it. You can use all functions of the device, e.g. the standard OBDII function and other functions.

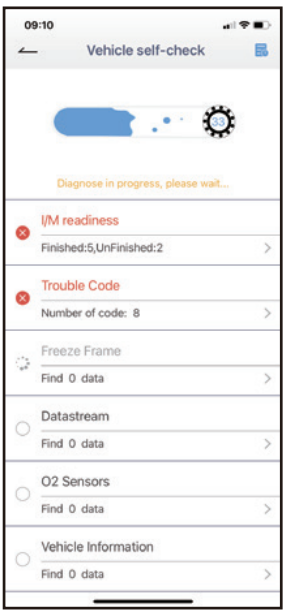




Vehicle self-check

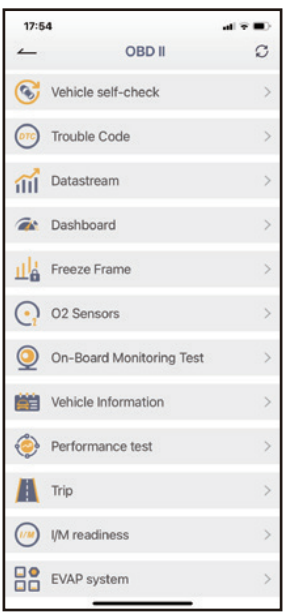
Read vehicle I/M readiness, trouble Codes, data streams and other information with one-click.

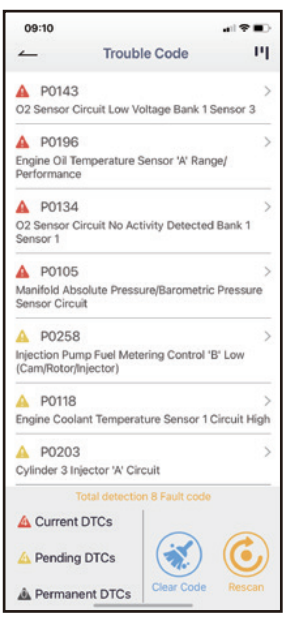




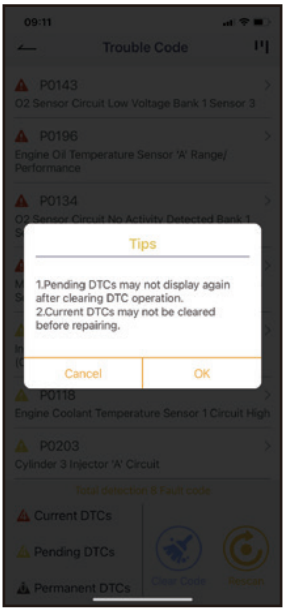
Trouble Code & Clear Code

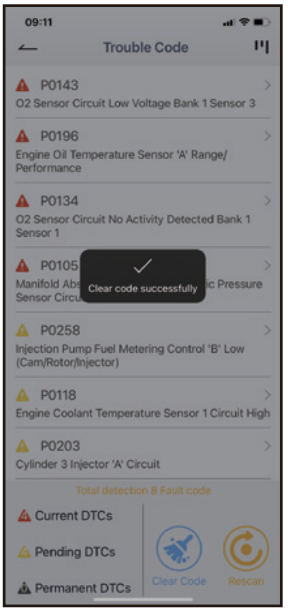
Excellent DTC explanations provide you with accurate and detailed trouble code definitions.





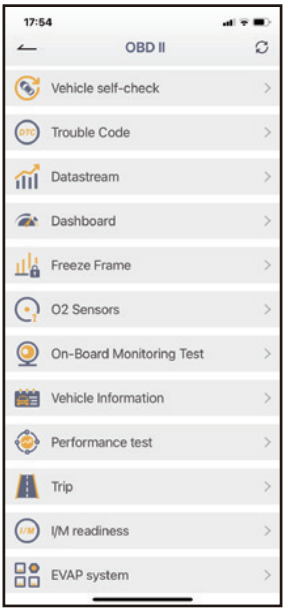
Use the Delete Code button to delete all current and saved DTCs from the control module.

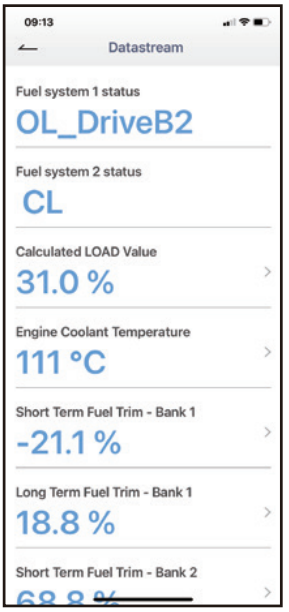


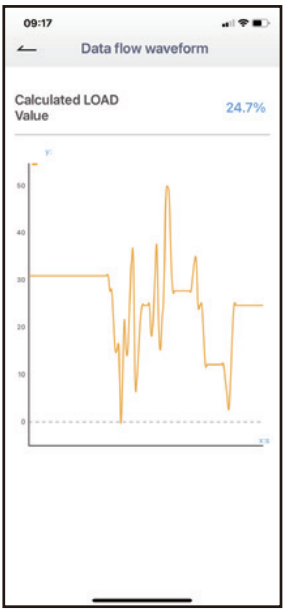


Datastream

The View Datastream function allows you to view the PID data of the vehicle's electronic control unit in real time.
When there is an arrow mark in the data flow, the data flow is displayed in the form of a diagram, if as shown:

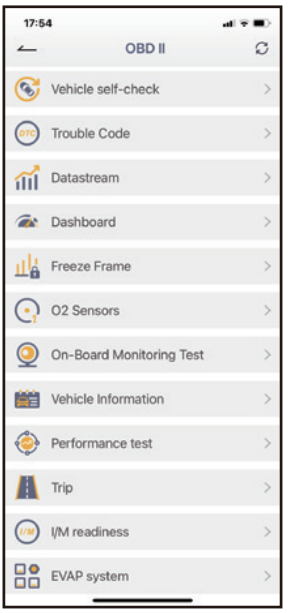


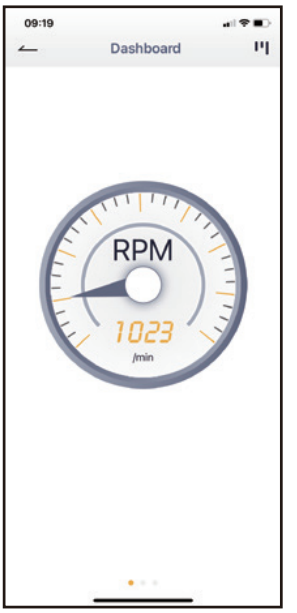


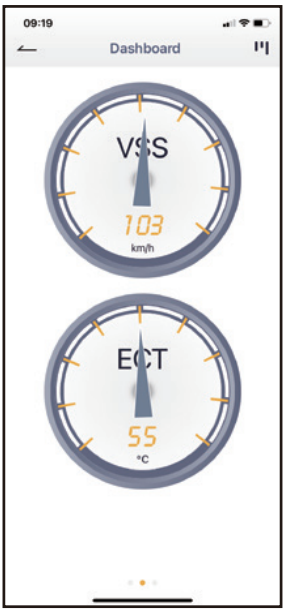


Dashboard

There are 3 different styles intuitive graphical display.



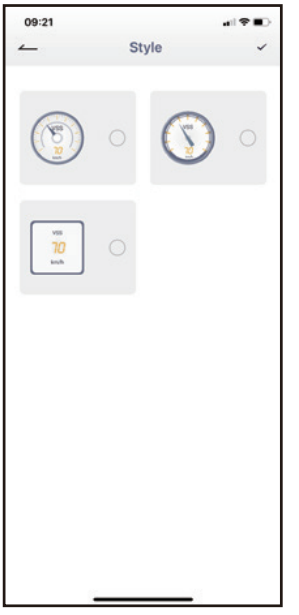






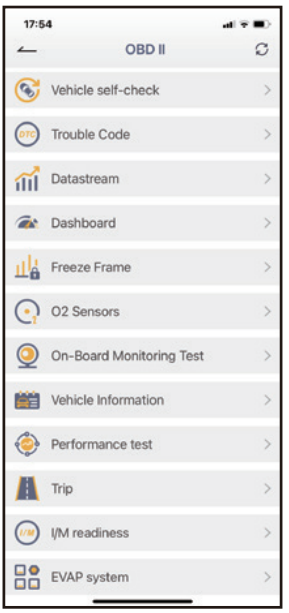
To customize your data stream:
"Add page" - "Select the graphic styles you like" - "PID" "Select the data stream you need".
Please long press on the graphic to drag it to the desired location or delete it.

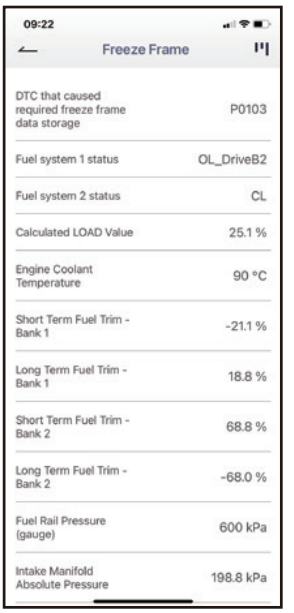




Freeze Frame

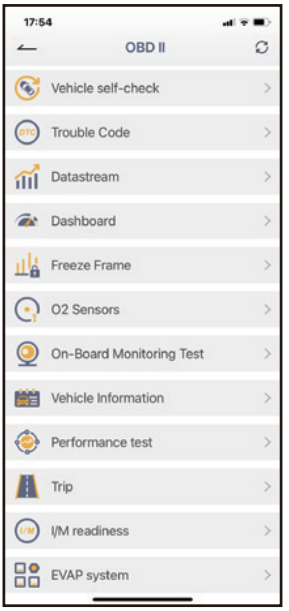
The Freeze Frame menu displays freeze frame data, a snapshot of critical vehicle operating conditions automatically recorded by the on-board computer at the time of the DTC record. This is a good function to determine the cause of the fault.

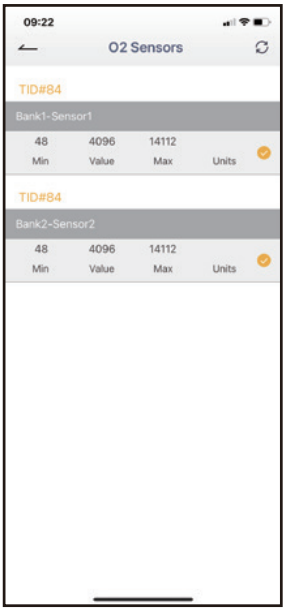




O2 Sensors

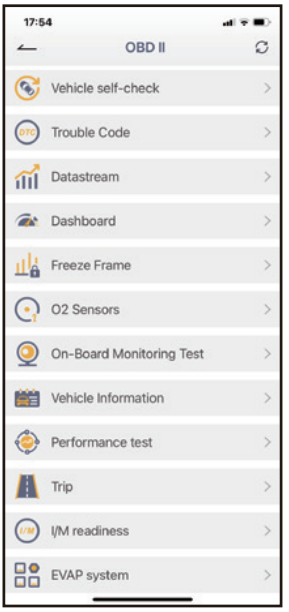
Regulations from OBD II require certain vehicles to monitor and test oxygen (O2) sensors to isolate fuel and emissions related faults. The O2 Monitor Test function allows you to view the results of the O2 sensor monitoring tests.

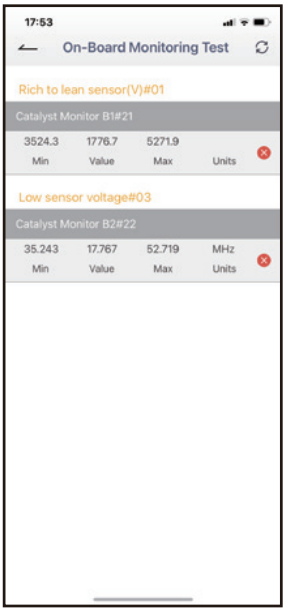




On-Board Monitoring Test

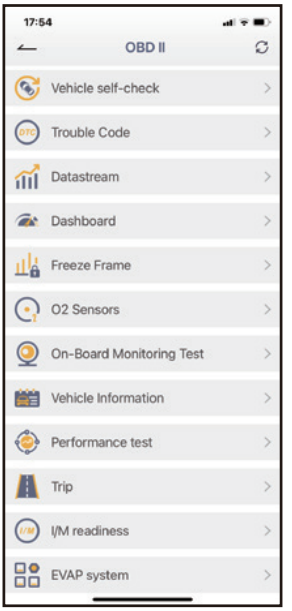
This function allows you to read the results of the on-board diagnostic monitoring. Test for specific components/systems.



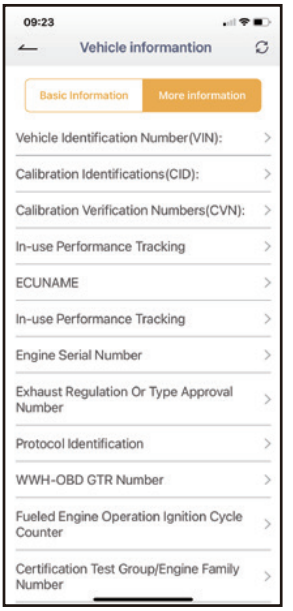


Vehicle information

Vehicle information allows retrieval of the vehicle number VIN, calibration number ID (s) which identifies the software version of the vehicle control module(s), calibration check numbers (CVN(s)), and in-service performance tracking for OBD compliant vehicles model year 2000 and later. CVNs are calculated values mandated by OBD II. They are reported to verify that emissions-related calibrations have been changed. Multiple CVNs can be reported for a control module. It can take several minutes to calculate the CVN. Performance tracking in operation tracks the performance of the key standby monitors.

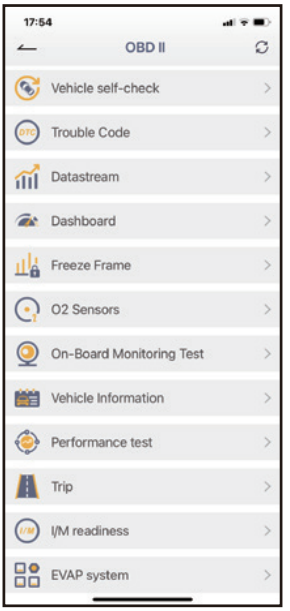


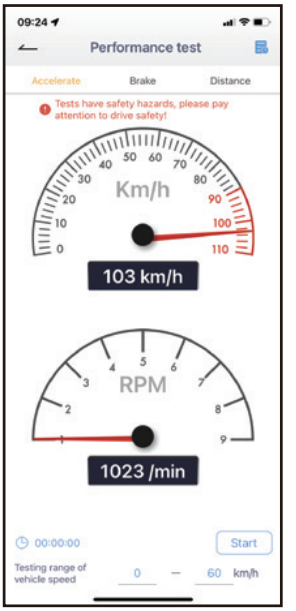




Performance Test

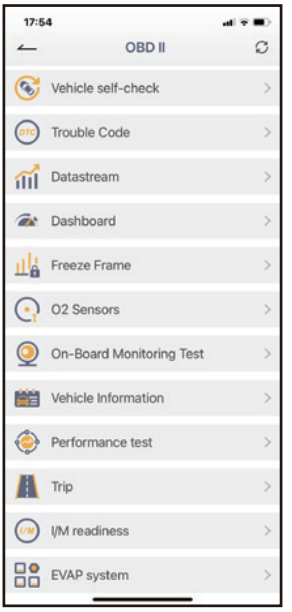
Check the health of your vehicle such as acceleration, braking and distance.

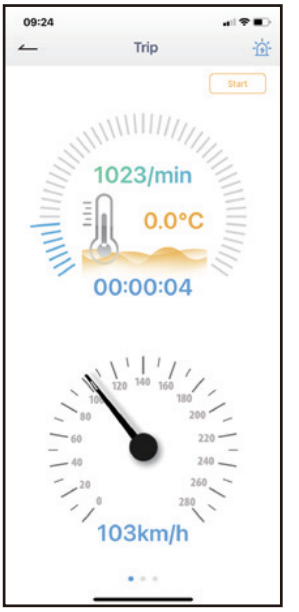


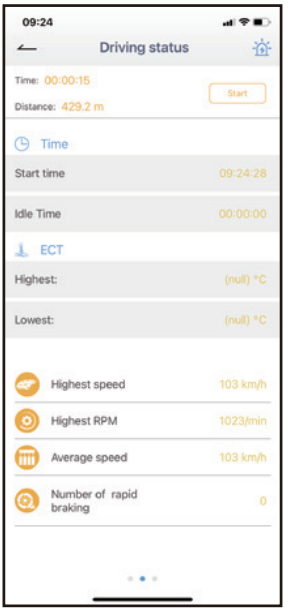


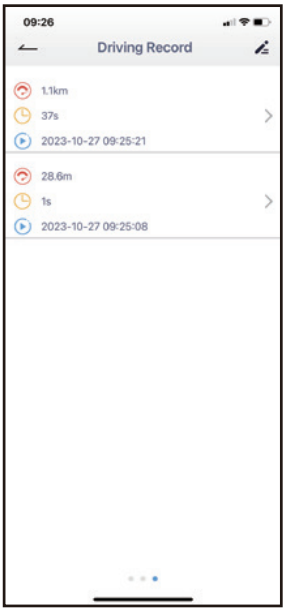
Trip

Exclusive trip analysis with time, distance, start time, travel time, maximum speed, maximum speed RPM, average speed, highest and lowest coolant temperature, number of over speeds and number of quick braking. You can also record, save, print and share the trips for your own analysis or with your mechanic.



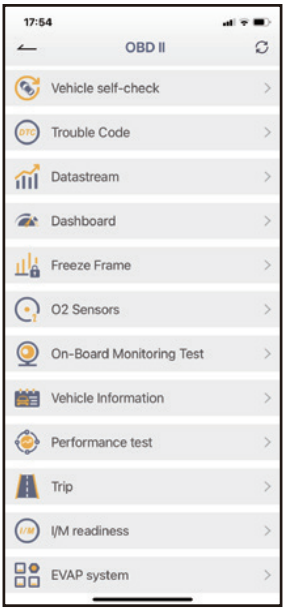


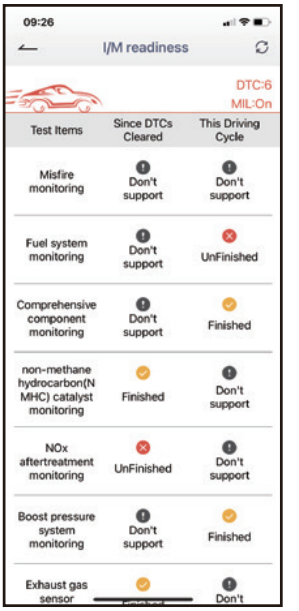




I/M Readiness

I/M Readiness option allow you to view a snapshot of the operations for the exhaust system on OBDII/EOBD vehicles.





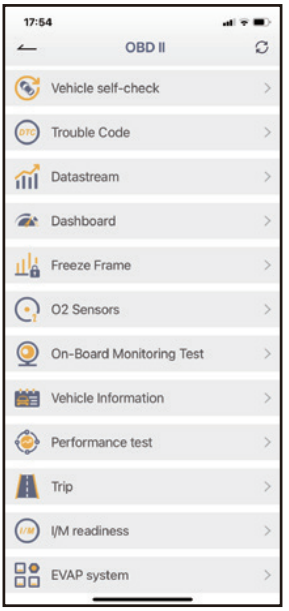
Component Test (EVAP Test)

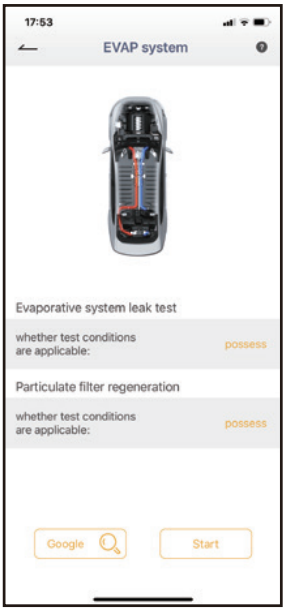
The OBD2 system monitors the fuel system for fuel vapor leakage to ensure that no hydrocarbons (HC) leak into the atmosphere. EVAP monitor does two things:

1. Ensure that the gasoline vapor is sent to the intake pipe at the right time, and mixed with the air to enter the engine for combustion.
2. Prevent fuel vapor in the fuel pipe from leaking into the atmosphere and polluting the environment.

EVAP test function: The external diagnostic device can't control the fuel evaporation control (EVAP) of the OBD system, and the diagnostic device only displays its status and test results.

If the car supports this function, it will display as below:





Note: Regarding the On-Board Monitor Test and Component Test (EVAP Test) functions these two functions are subject to the current test. Some vehicles support these two functions and the product software displays these two functions, while other vehicles do not support them and the product software does not display them.

Battery Check

Graphically display battery voltage in real time to retrieve and analyze a more accurate battery life trend and monitor health status.

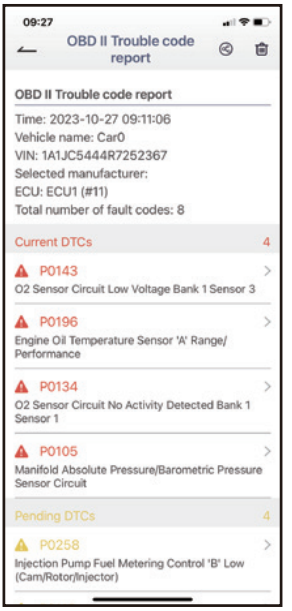


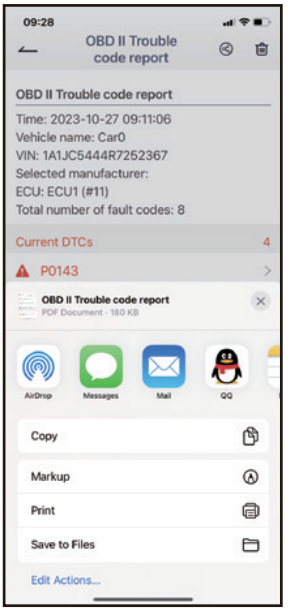
Report

You can export diagnostic reports and share them on social media.



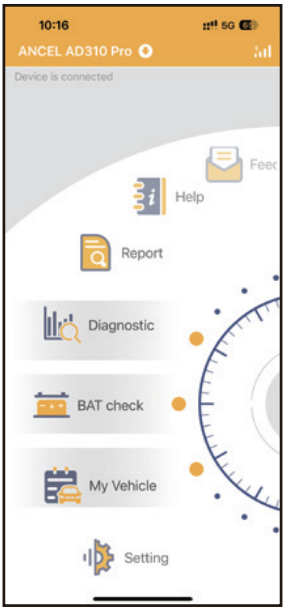




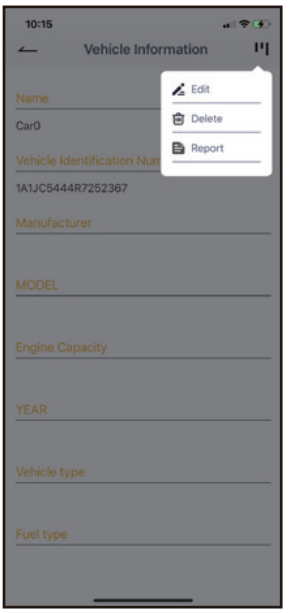


My Vehicle

You can select or delete the information about your vehicle. Conditions for newly added vehicles:
1. If the VIN code of the newly added vehicle can be read, the vehicle can be added.
2. If the VIN code of the newly added vehicle cannot be read, an input box will appear when the device communicates with the vehicle, and you need to add the newly added vehicle information manually.
3. If the user has only one vehicle and wants to add multiple vehicles: APP is not allowed.

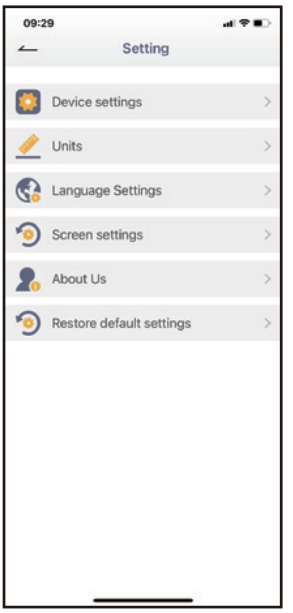

10:16
5G
ANCEL AD310 Pro
Device is connected
Help
Report
Diagnostic
BAT check
My Vehicle
Setting


09:28
Vehicle Information
Name
Car0
Vehicle Identification Number
1A1JC5444R7252367
Manufacturer
MODEL
Engine Capacity
YEAR
Vehicle type
Fuel type


10:15
Vehicle Information
Edit
Delete
Report
Name
Car0
1A1JC5444R7252367
Manufacturer
MODEL
Engine Capacity
YEAR
Vehicle type
Fuel type

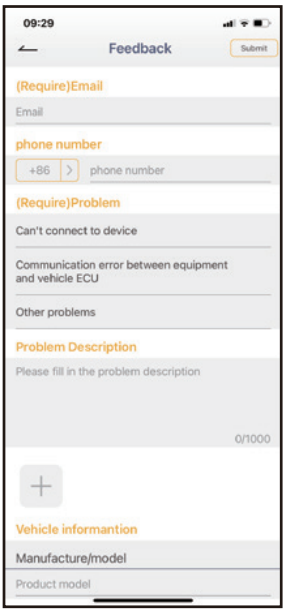
Setting

Device settings / Units / Language Settings / Screen settings / About Us / Restore default settings.



FEEDBACK

You can send us feedback if you have problems using it. To do so, fill out and submit the feedback form.



BAT function + OBDII function (Set OBDII Mode)

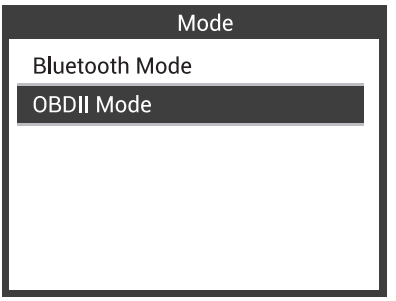
OBDII function

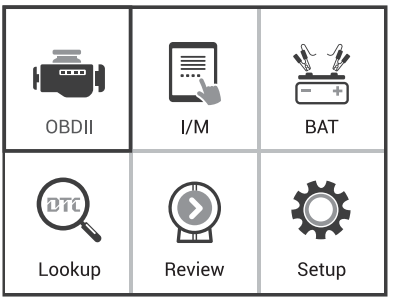
Plug the product into the vehicle's OBDII interface.



Press ENTER to enter mode menu. Use the UP/DOWN scroll button to select Mode from the menu.





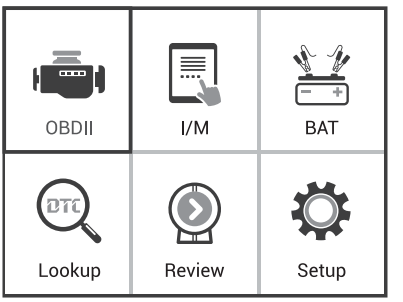


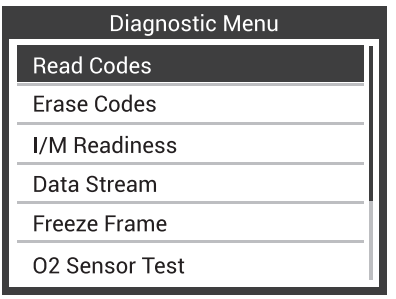
Main menu introduction

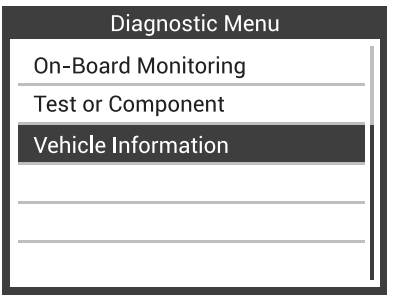
OBDII function

The error in the engine's exhaust system shown in the illustration can be diagnosed via the OBDII menu, other system errors are not supported.
Tips: The handheld OBDII function is the same as the handheld APP OBDII function, only the display is different.



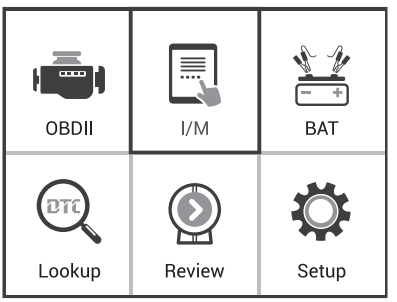


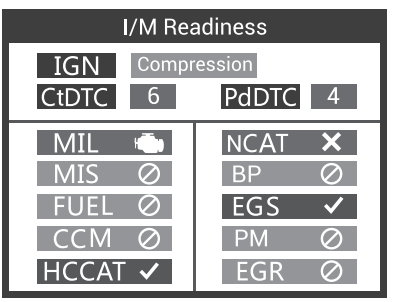




I/M function

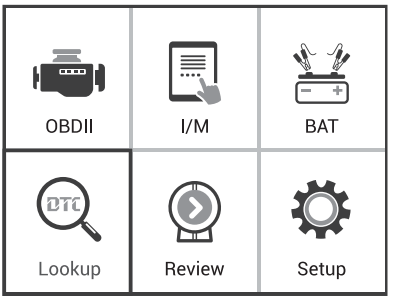
This is one of the functions of OBDII.

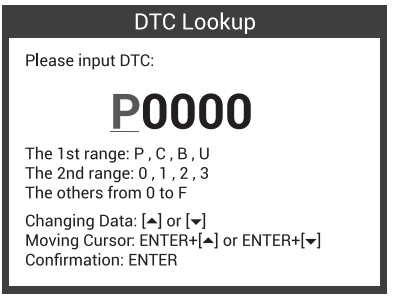


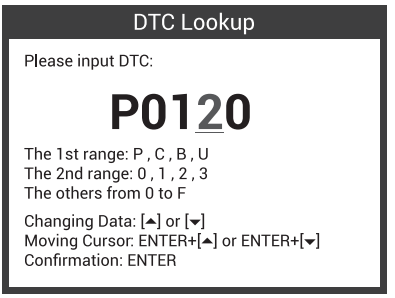


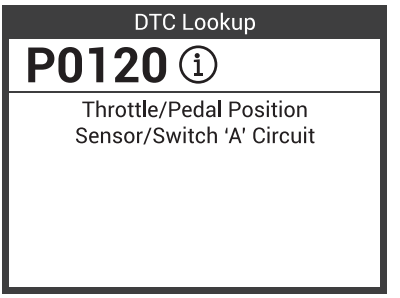
Lookup

The DTC Lookup function allows you to search for definitions of codes stored in the integrated code library.



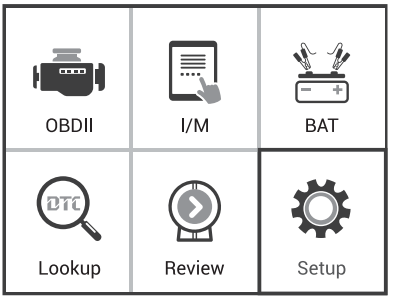


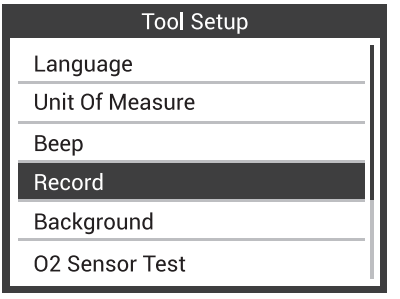


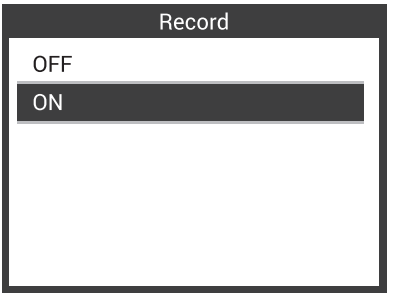


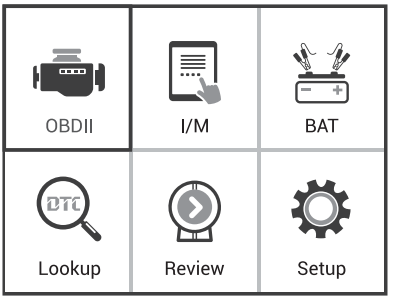
Review

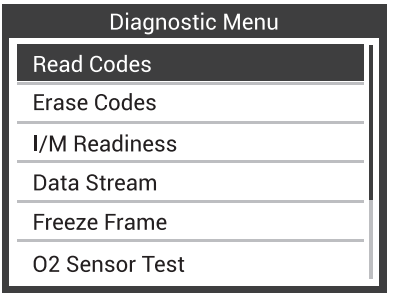
This function allows you to review the recorded DTCs.
If the vehicle has engine faults codes, turn on the record and return the menu, select the code reading function in OBDII to read the fault code, and finally you can view the recorded fault code in the review menu.

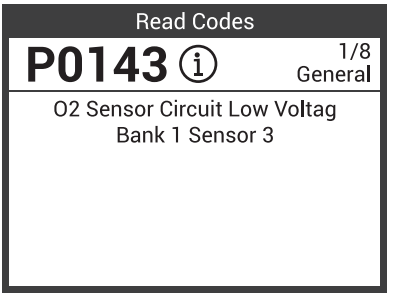


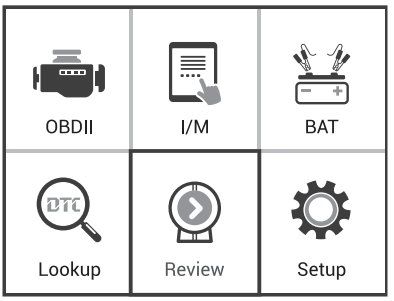


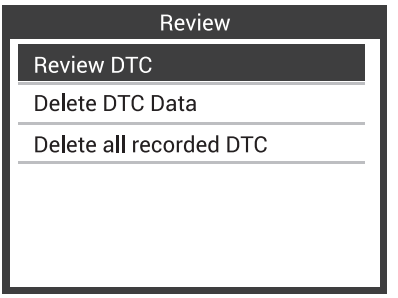

Record
OFF
ON

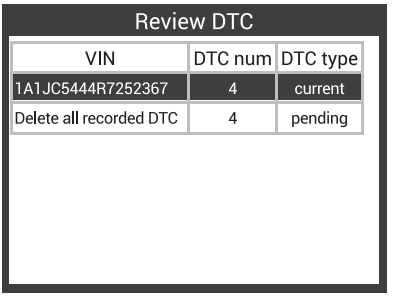

OBDII
I/M
BAT
Lookup
Review
Setup


Diagnostic Menu
Read Codes
Erase Codes
I/M Readiness
Data Stream
Freeze Frame
O2 Sensor Test


Read Codes
P0143
1/8
General
O2 Sensor Circuit Low Voltag
Bank 1 Sensor 3

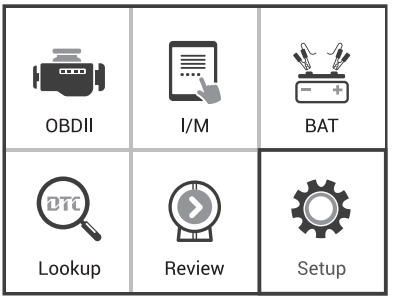

OBDII
I/M
BAT
Lookup
Review
Setup

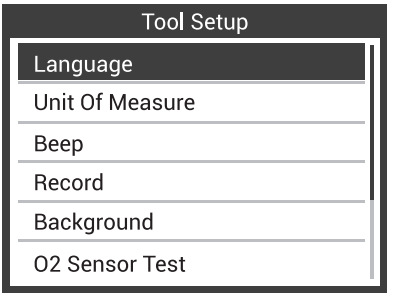

Review
Review DTC
Delete DTC Data
Delete all recorded DTC

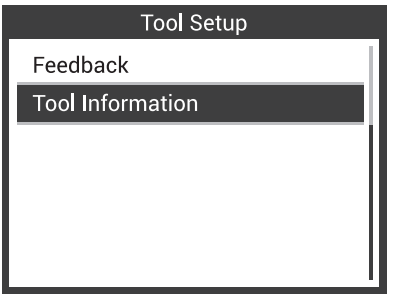

Review DTC
VIN
DTC num
DTC type
1A1JC5444R7252367
4
current
Delete all recorded DTC
4
pending

Setup

Language / Unit of measure / Beep / Record / Background / Sleep immediately / Feedback / Tool Information menu.
If we encounter problems, we can switch on the feedback function to report data.



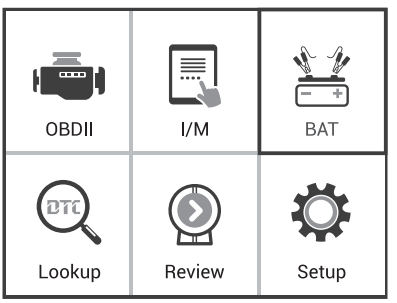


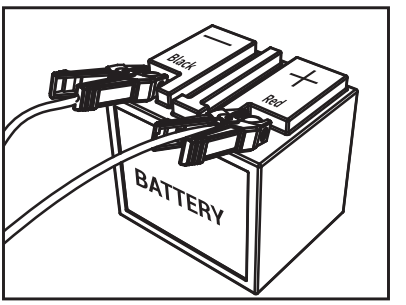


BAT function

Preparations before the Test

If you are testing in the vehicle, make sure all accessory loads are off, the key is not in the ignition, and the doors are closed.
Connecting the Tester
1) Connect the red clamp to the positive (+) terminal and the black clamp to the negative (-) terminal.





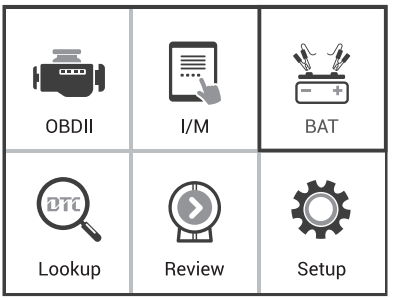
2) For a proper connection, rock the clamps back and forth. The tester requires that both sides of each clamp be firmly connected before testing.

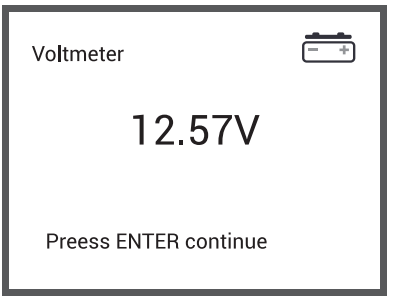
Before Test

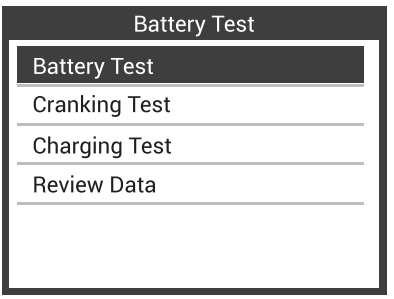
The engine and all other accessory loads must be OFF during test in order to have accurate results. Turn on the vehicle headlamps for 2~3 minutes until the battery voltage drops back to normal value if the battery is just fully charged.

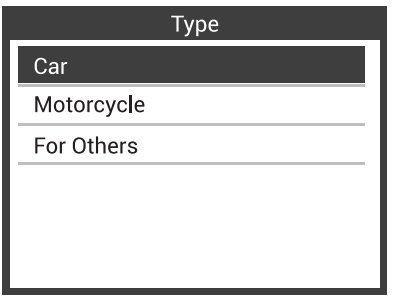
Battery Test

From the main menu, use the navigation keys LEAF / RIGHT to select the menu BAT and press the key ENTER. The screen will display the interface shown below:







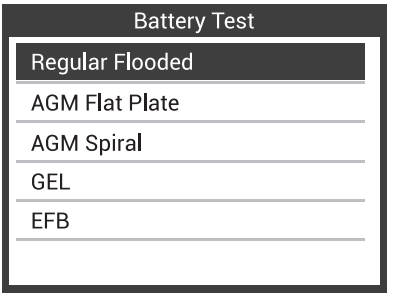


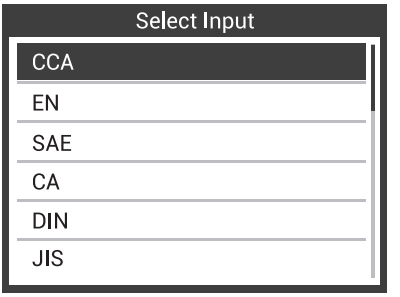
It tests each battery according to the selected actual system standard and rating marked on the battery, to get the accurate results.

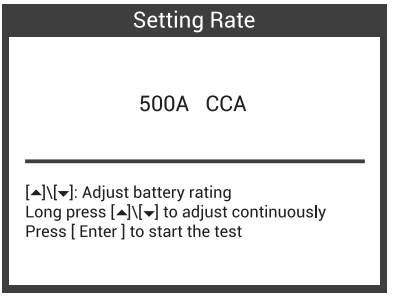
Standard	Description	Range
CCA	Cold Cranking Amps, as specified by SAE. The most common rating for cranking batteries at 0°F (-17.8°C).	100-2000
DIN	Deutsche Industrie-Norm.	100-1400
JIS	Japanese Industrial Standard, shown on a battery as a combination of numbers and letters.	26A17-N200Z

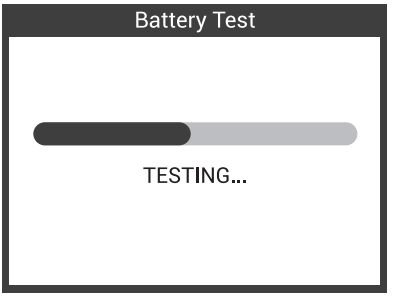
EN	Europa-Norm.	100-2000
IEC	International Electrotechnical Commission.	100-1400
SAE	Society of Automotive Engineers Standard.	100-2000
MCA	Marine Cranking Amps standard, effective starting current value at 0°C.	100-2000
BCI	Battery Council International standard.	100-2000
CA	Cranking Amps standard, effective starting current value at 0 °C.	100-2000
GB	China National Standard.	30-220Ah

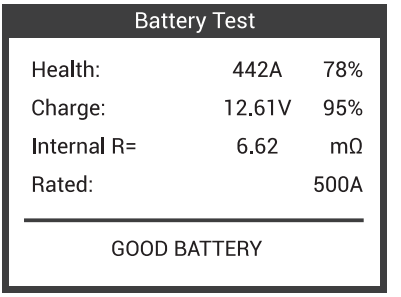
Battery Type: Scroll to and select Regular Flooded, AGM Flat Plate or AGM Spiral, if applicable.









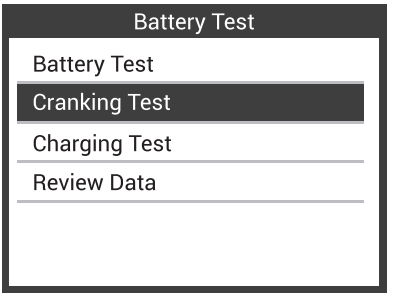


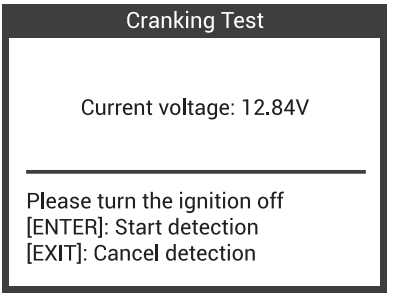
Battery Test Results

Decision	Interpretation
GOOD BATTERY	Return the battery to use.
GOOD-RECHARGE	Fully charge the battery and return it to use.
CHARGE&RETEST	Fully charge the battery and retest. Failure to fully charge the battery before retesting may cause inaccurate result. If CHARGE&RETEST appears again after you fully charge the battery, replace the battery.
REPLACE BATTERY	Replace the battery and retest. A REPLACE BATTERY result may also mean a poor connection between the battery cables and the battery. After disconnecting the battery cables, retest the battery using the out-of-vehicle test before replacing it.
BAD CELL-REPLACE	Replace the battery and retest.

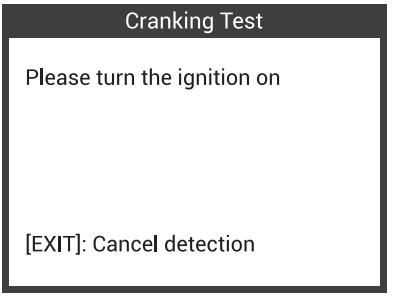
Crank test

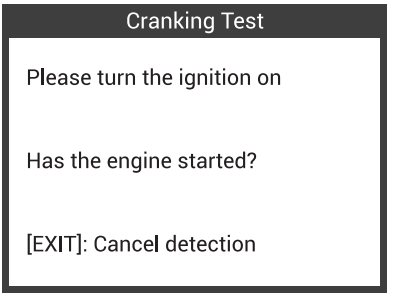
With this function you can read the battery voltage in real time.

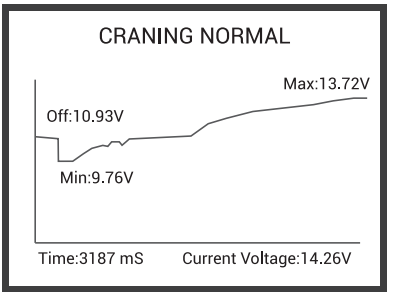




If you press [ENTER] and start detection, the interface will be displayed:

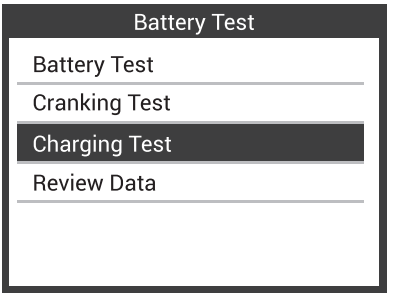


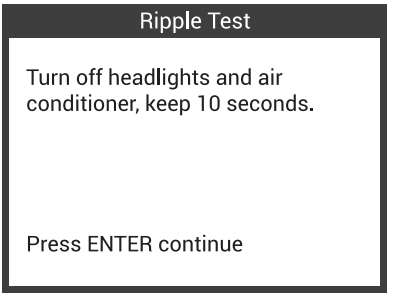


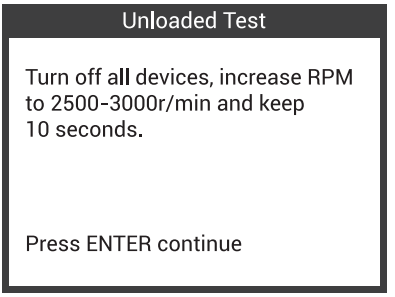


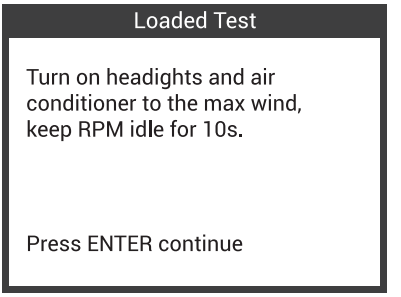
Charge test

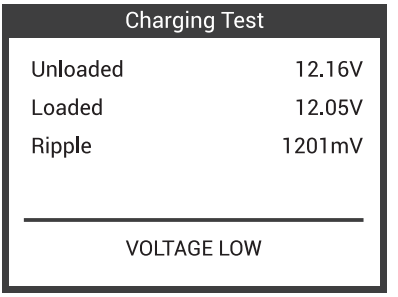
Press charge test and it will display:





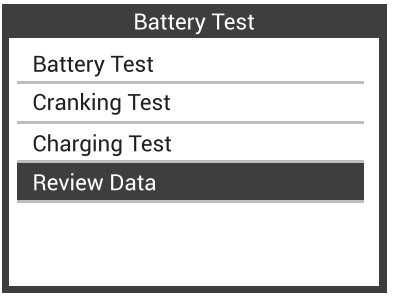


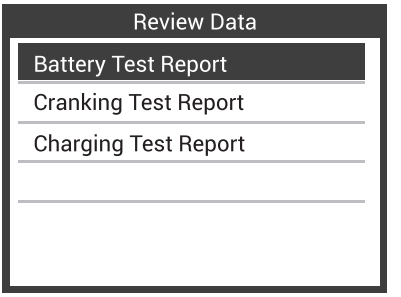


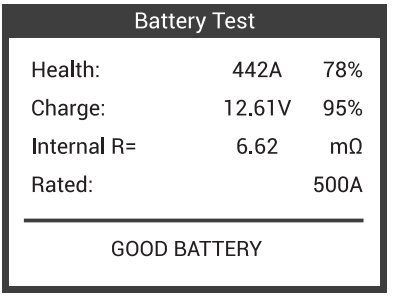


Review Data

When you press Check data, the data of the last battery test is displayed as follows:







Update

1) Download the update software and unzip the file.
2) Connect the device to the computer using a USB cable.
3) The update software is only supported by 7/8/10/11. In Windows 7, you need to install the driver, in Windows 8/10/11, you can run the update software directly.

Note:
Windows XP and Apple computers do not support upgrades.

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.

Précautions de sécurité

Pour éviter des blessures corporelles ou des dommages aux véhicules et/ou à l'outil d'analyse, lisez d'abord ce manuel d'instructions et respectez au minimum les précautions de sécurité suivantes lorsque vous travaillez sur un véhicule :

- Effectuez toujours les tests automobiles dans un environnement sûr.
- N'essayez pas d'utiliser ou d'observer l'outil pendant que vous conduisez un véhicule. L'utilisation ou l'observation de l'outil distrait le conducteur et pourrait provoquer un accident mortel.
- Utilisez le véhicule dans une zone de travail bien ventilée : les gaz d'échappement sont toxiques.
- Gardez l'outil d'analyse sec, propre, exempt d'huile/eau ou de graisse.
- Utilisez un détergent doux sur un chiffon propre pour nettoyer l'extérieur de l'outil d'analyse, si nécessaire.
- Vérifiez que la couche d'isolation des pinces de batterie est dans un état normal (aucun dommage. Nuité ou déconnexion), en cas de choc électrique.
- NE PAS fumer, provoquer des étincelles ou frapper des allumettes à proximité de la batterie lors du test.
- NE retirez PAS les pinces de la batterie pendant le test.
- NE PAS placer le testeur dans un environnement très humide et poussiéreux.
- NE démontez PAS le testeur, car cela pourrait causer des dommages.

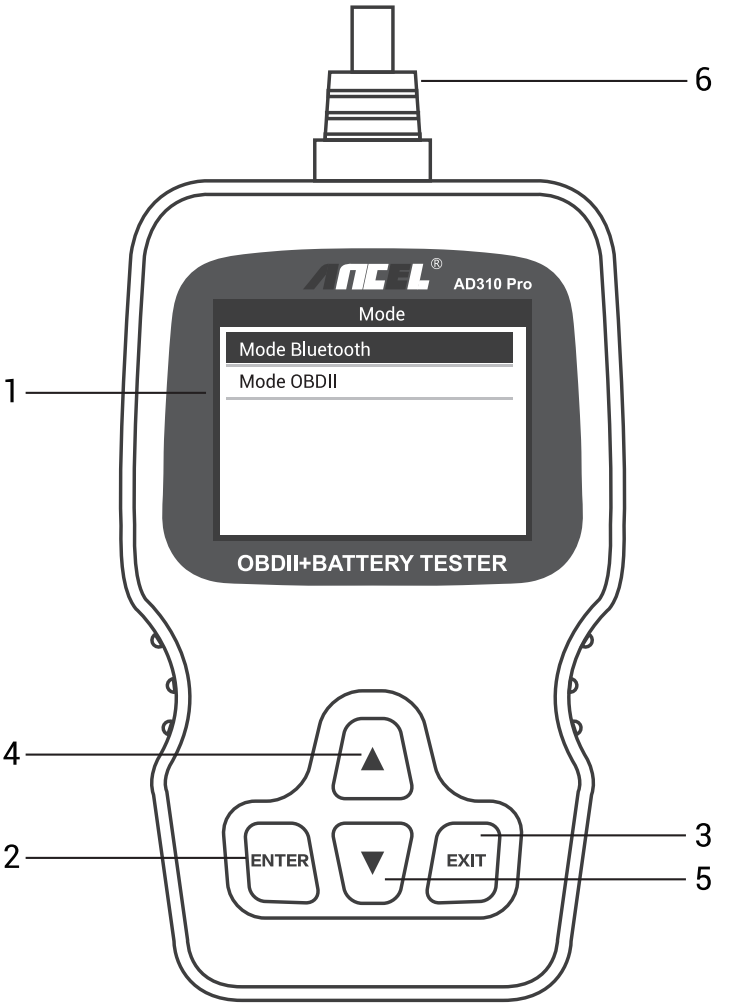
Profil de produit

AD310 Pro est un appareil de diagnostic 3-en-1 de nouvelle génération qui peut afficher les fonctions OBDII et les données de test de batterie directement sur l'écran du scanner.
Il peut également afficher les fonctions OBDII via Bluetooth sur l'écran d'un appareil Android ou IOS.

Spécification de produit

1) Tension de fonctionnement : DC 8-18 V.
2) Température de fonctionnement : 0 à 60°C (32 à 140°F).
3) Température de stockage : -20 à 70°C (-4 à 158°F).
4) Alimentation externe : alimentation de 8,0 à 18,0 V fournie via la batterie du véhicule.

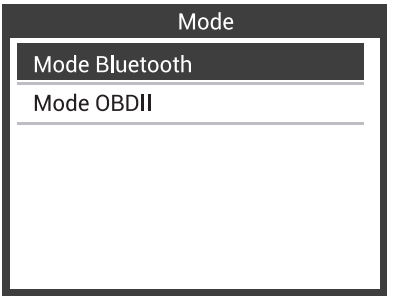
Description de l'outil - ANCEL AD310 Pro



1) ÉCRAN LCD-Affiche les résultats des tests. 2,4" TFT 262K vraies couleurs, écran LCD QVGA 320*240.
2) BOUTON ENTER – Confirme une sélection (ou une action) dans un menu.
3) BOUTON EXIT – Annule une sélection (ou une action) dans un menu ou revient au menu. Il est également utilisé pour quitter l'écran de recherche DTC.
4) BOUTON DE DÉFILEMENT HAUT – Se déplace vers le haut dans les éléments de menu et de sous-menu en mode menu. Lorsque plusieurs écrans de données sont récupérés, passe de

l'écran actuel aux écrans précédents pour des données supplémentaires.
5) BOUTON DE DÉFILEMENT VERS LE BAS – Permet de parcourir les éléments de menu et de sous-menu en mode menu. Lorsque plusieurs écrans de données sont récupérés, passe de l'écran actuel aux écrans suivants pour des données supplémentaires.
6) CONNECTEUR OBD II – Connecte l'outil d'analyse au connecteur de liaison de données (DLC) du véhicule.

Fonction Bluetooth OBDII (définir le mode Bluetooth)



TÉLÉCHARGER L'APPLICATION

1. Scannez le code QR ci-dessous pour télécharger le logiciel pour Android et iOS.

ANCEL
Official Website

for Android

for iOS

2. iOS peut être téléchargé depuis l'APP Store en recherchant le mot-clé « ANCEL ».
3. Android peut être téléchargé depuis Google Play en recherchant le mot-clé « ANCEL ».

Remarque: ce produit prend uniquement en charge la connexion à l'application ANCEL et n'est compatible avec aucune autre application.

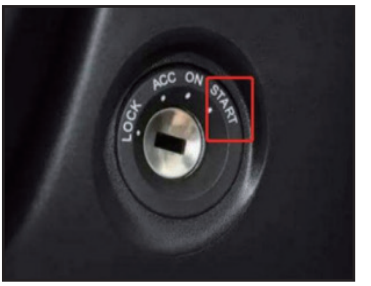
Instructions d'utilisation

1) Recherchez le connecteur de liaison de données (DLC) à 16 broches du véhicule.



2) Démarrez le véhicule.



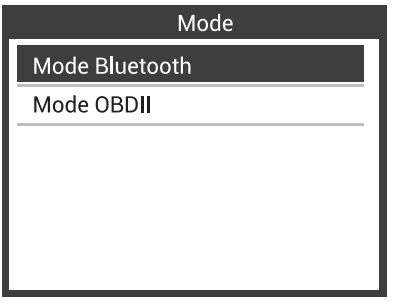


3) Branchez le produit sur l'interface OBDII du véhicule.



4) Appuyez sur ENTER pour accéder au menu de mode. Utilisez les boutons de défilement HAUT/BAS pour sélectionner Mode dans le menu.



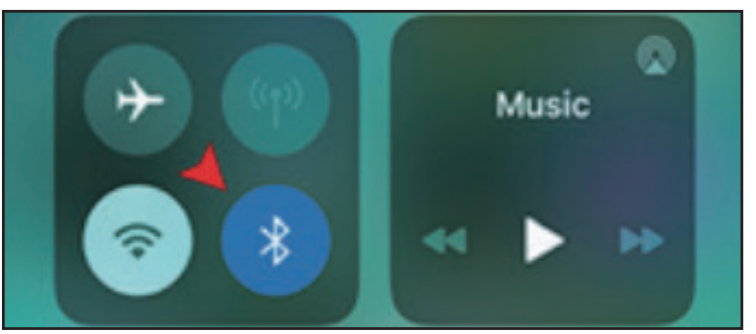




Mode Bluetooth (se connecter à l'application mobile pour le diagnostic)

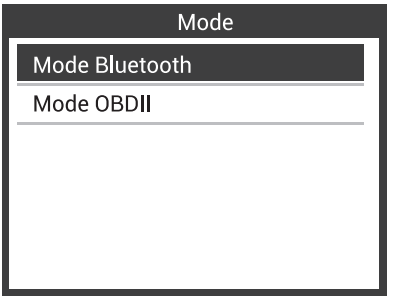
Connexion Bluetooth pour les appareils iOS

1) Activez Bluetooth sur votre téléphone. Faites-le glisser du bas vers le haut ou du haut à droite vers le bas de l'écran pour ouvrir le menu contextuel. Appuyez sur l'icône Bluetooth pour l'activer. Pour les téléphones portables équipés d'iOS version 13 et supérieure, vous devez également activer Bluetooth dans les paramètres de confidentialité du système.



2) Ouvrez l'application « ANCEL » et assurez-vous que l'appareil portable est en mode Bluetooth lorsqu'il se connecte à l'application.

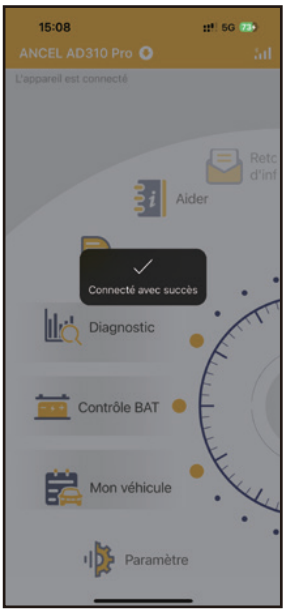






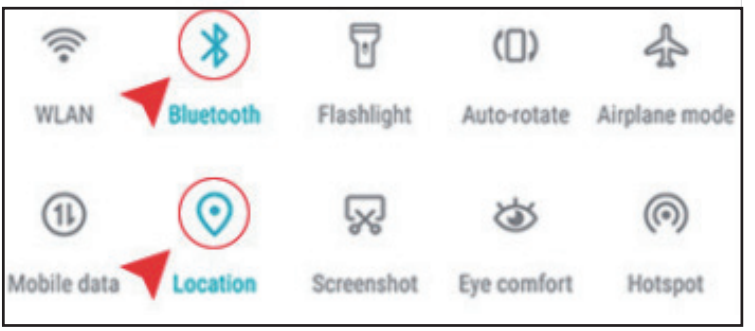
3) L'application se connectera automatiquement à l'appareil. Pendant le processus de connexion, assurez-vous qu'aucun autre téléphone n'est connecté à l'appareil. Lorsque le message « Connecté avec succès » s'affiche, le produit peut être utilisé normalement.





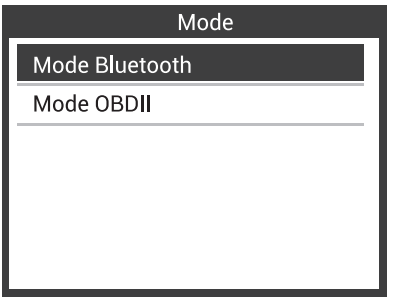
Connexion Bluetooth pour les appareils Android

1) Activez Bluetooth et le commutateur de localisation sur le téléphone.



2) Ouvrez l'application « ANCEL » et assurez-vous que l'appareil portable est en mode Bluetooth lorsqu'il se connecte à l'application.

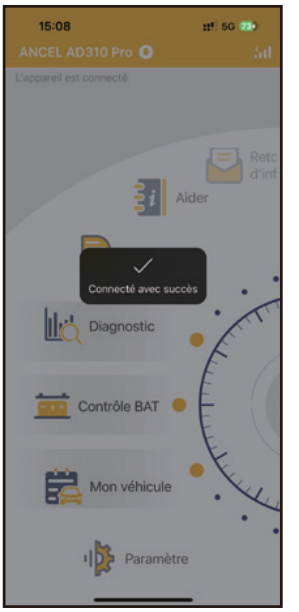






3) L'application se connectera automatiquement à l'appareil. Pendant le processus de connexion, assurez-vous qu'aucun autre téléphone n'est connecté à l'appareil. Lorsque le message « Connecté avec succès » s'affiche, le produit peut être utilisé normalement.





COMMENCEZ À UTILISER VOTRE APPAREIL

Après la connexion Bluetooth, le logiciel de diagnostic sera lancé si votre véhicule le prend en charge. Vous pouvez utiliser toutes les fonctions de l'appareil, par ex. la fonction standard OBDII et d'autres fonctions.





Auto-contrôle du véhicule

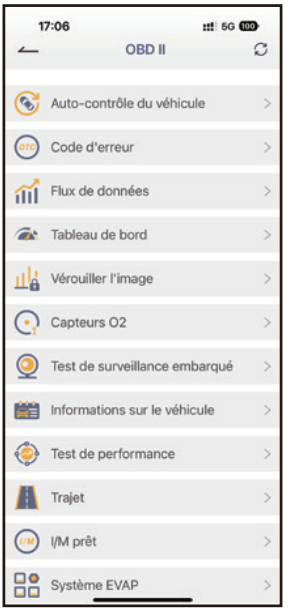
Lisez l'état de préparation I/M du véhicule, les codes d'anomalie, les flux de données et d'autres informations en un seul clic.





Code d'erreur

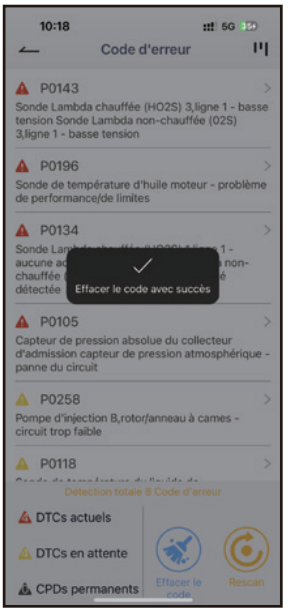
D'excellentes explications DTC vous fournissent des définitions précises et détaillées des codes d'anomalie.





Utilisez le bouton Supprimer le code pour supprimer tous les DTC actuels et enregistrés du module de commande.

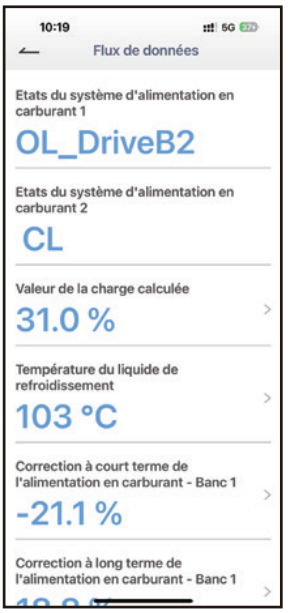




Flux de données

La fonction View Data stream vous permet de visualiser en temps réel les données PID de l'unité de commande électronique du véhicule.
Lorsqu'il y a une flèche dans le flux de données, le flux de données est affiché sous la forme d'un diagramme, comme indiqué :





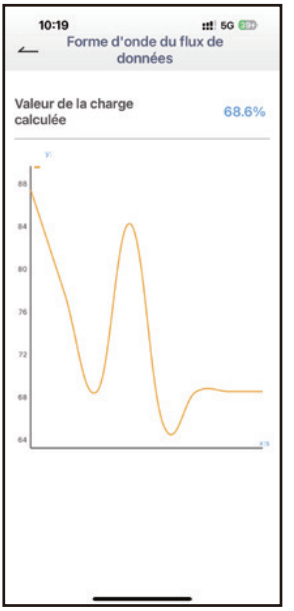
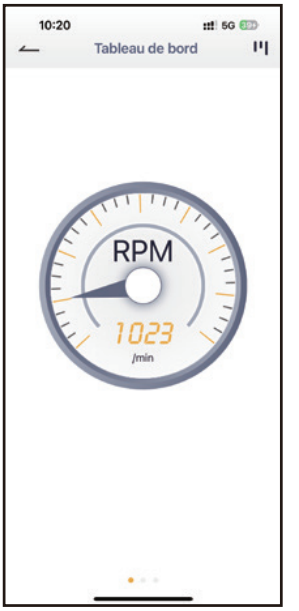
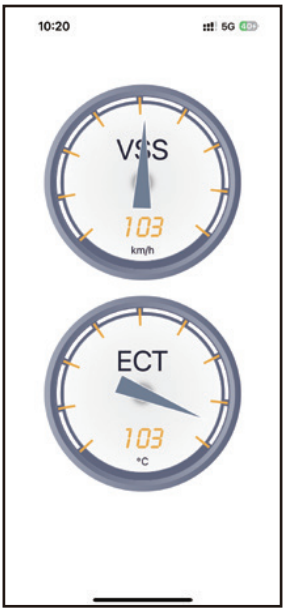


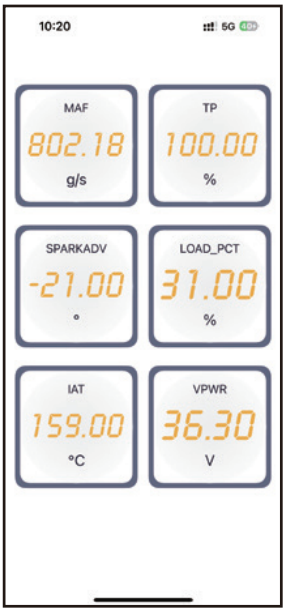
Tableau de bord

Il existe 3 styles d'affichage graphique intuitif différents.









Pour personnaliser votre flux de données : "Ajouter une page" - "Sélectionnez les styles graphiques que vous aimez" - "PID" "Sélectionnez le flux de données dont vous avez besoin". Veuillez appuyer longuement sur le graphique pour le faire glisser vers l'emplacement souhaité ou le supprimer.

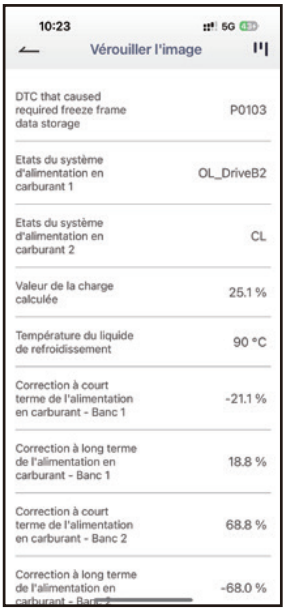




Vérouiller l'image

Le menu Freeze Frame affiche les données d'arrêt sur image, un instantané des conditions de fonctionnement critiques du véhicule automatiquement enregistré par l'ordinateur de bord au moment de l'enregistrement DTC. C'est une bonne fonction pour déterminer la cause du défaut.

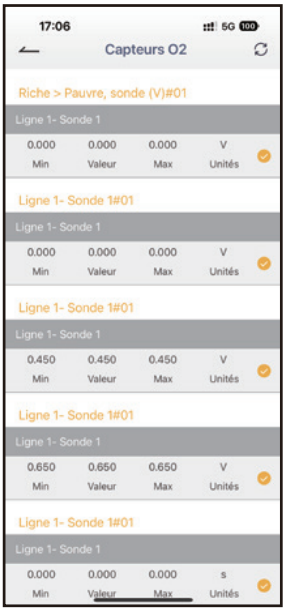




Capteurs O2

Les réglementations d'OBD II exigent que certains véhicules surveillent et testent les capteurs d'oxygène (O2) pour isoler les défauts liés au carburant et aux émissions. La fonction O2 Monitor Test vous permet de visualiser les résultats des tests de surveillance du capteur O2.

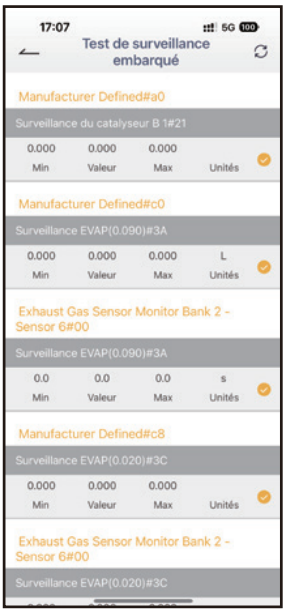




Test de surveillance embarqué

Cette fonction vous permet de lire les résultats de la surveillance du diagnostic embarqué. Testez des composants /systèmes spécifiques.

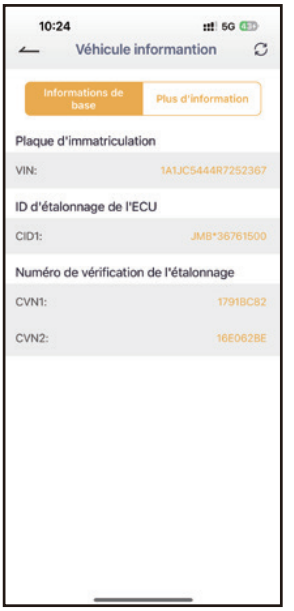


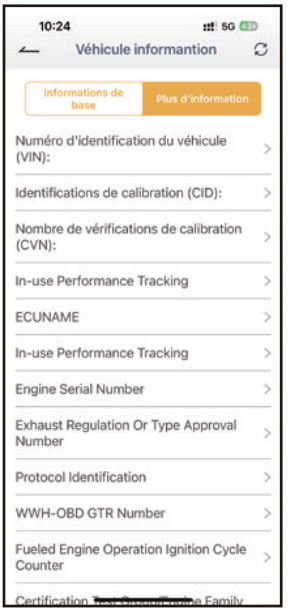


Informations sur le véhicule

Les informations sur le véhicule permettent de récupérer le numéro de véhicule VIN, le ou les ID de numéro d'étalonnage qui identifient la version logicielle du ou des module(s) de commande du véhicule, les numéros de contrôle d'étalonnage (CVN(s)) et le suivi des performances en service pour les véhicules conformes à l'OBD. année modèle 2000 et ultérieure. Les CVN sont des valeurs calculées mandatées par OBD II. Ils sont censés vérifier que les étalonnages liés aux émissions ont été modifiés. Plusieurs CVN peuvent être signalés pour un module de contrôle. Le calcul du CVN peut prendre plusieurs minutes. Le suivi des performances en fonctionnement suit les performances des principaux moniteurs de secours.

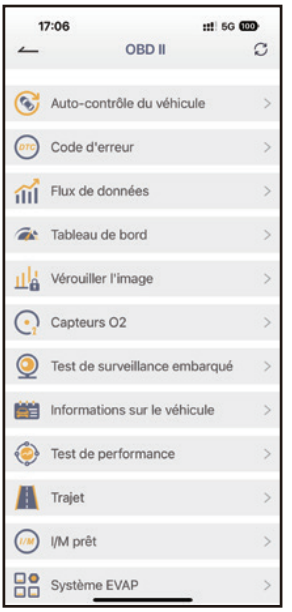

17:06
OBD II
Auto-contrôle du véhicule
Code d'erreur
Flux de données
Tableau de bord
Vérouiller l'image
Capteurs O2
Test de surveillance embarqué
Informations sur le véhicule
Test de performance
Trajet
I/M prêt
Système EVAP

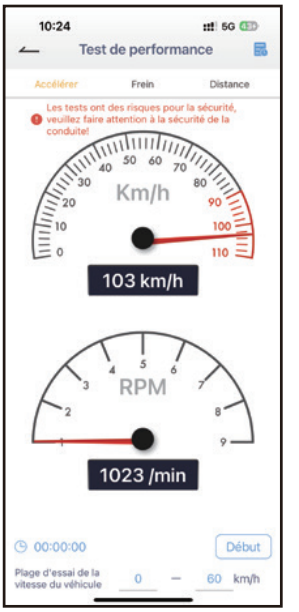

10:24
Véhicule informantion
Informations de base
Plus d'information
Plaque d'immatriculation
VIN:
1A1JC5444R7252367
ID d'étalonnage de l'ECU
CID1:
JMB*36761500
Numéro de vérification de l'étalonnage
CVN1:
1791BC82
CVN2:
16E062BE


10:24
Véhicule informantion
Informations de base
Plus d'information
Numéro d'identification du véhicule (VIN):
Identifications de calibration (CID):
Nombre de vérifications de calibration (CVN):
In-use Performance Tracking
ECUNAME
In-use Performance Tracking
Engine Serial Number
Exhaust Regulation Or Type Approval Number
Protocol Identification
WWH-OBD GTR Number
Fueled Engine Operation Ignition Cycle Counter

Test de performance

Vérifiez l'état de santé de votre véhicule comme l'accélération, le freinage et la distance.

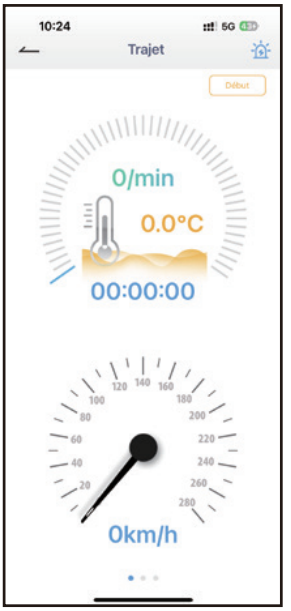


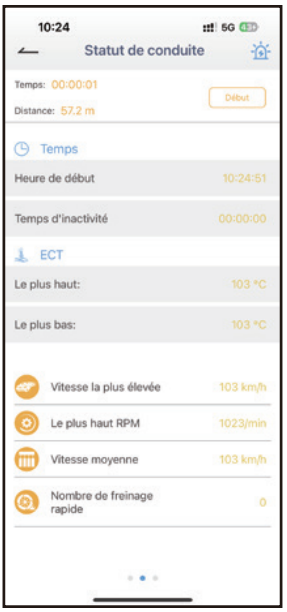


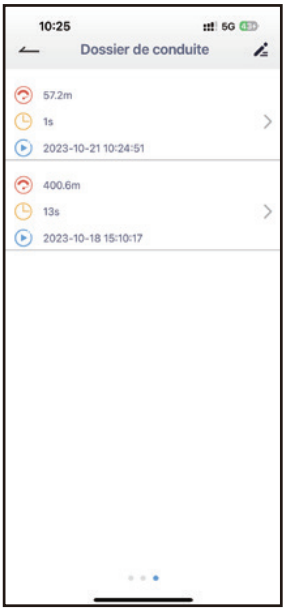
Trajet

Analyse exclusive du trajet avec le temps, la distance, l'heure de départ, le temps de trajet, la vitesse maximale, la vitesse maximale par minute, la vitesse moyenne, la température du liquide de refroidissement la plus élevée et la plus basse, le nombre de survitesses et le nombre de freinages rapides. Vous pouvez également enregistrer, sauvegarder, imprimer et partager les trajets pour votre propre analyse ou avec votre mécanicien.


17:06
OBD II
Auto-contrôle du véhicule
Code d'erreur
Flux de données
Tableau de bord
Vérouiller l'image
Capteurs O2
Test de surveillance embarqué
Informations sur le véhicule
Test de performance
Trajet
I/M prêt
Système EVAP


10:24
Trajet
Début
0/min
0.0°C
00:00:00
0km/h

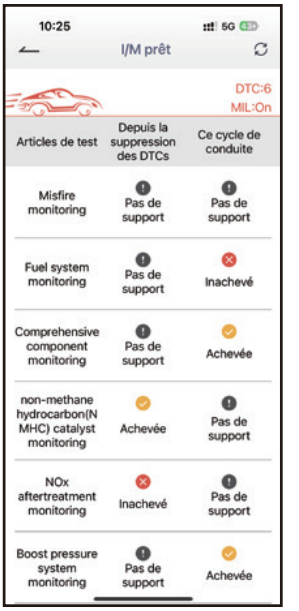

10:24
Statut de conduite
Temps: 00:00:01
Distance: 57.2 m
Début
Temps
Heure de début 10:24:51
Temps d'inactivité 00:00:00
ECT
Le plus haut: 103 °C
Le plus bas: 103 °C
Vitesse la plus élevée 103 km/h
Le plus haut RPM 1023/min
Vitesse moyenne 103 km/h
Nombre de freinage rapide 0


10:25
Dossier de conduite
57.2m
1s
2023-10-21 10:24:51
400.6m
13s
2023-10-18 15:10:17

I/M prét

L'option I/M Readiness vous permet d'afficher un instantané des opérations du système d'échappement sur les véhicules OBDII/EOBD.





Test ou composant (système EVAP)

Le système OBD2 surveille le système de carburant pour détecter les fuites de vapeurs de carburant afin de garantir qu'aucune fuite d'hydrocarbures (HC) dans l'atmosphère. Le moniteur EVAP fait deux choses :

1. Assurez-vous que la vapeur d'essence est envoyée au tuyau d'admission au bon moment et mélangée à l'air pour entrer dans le moteur pour la combustion.
2. Empêchez les vapeurs de carburant présentes dans le tuyau de carburant de s'échapper dans l'atmosphère et de polluer l'environnement.

Fonction de test EVAP : le dispositif de diagnostic externe ne peut pas contrôler le contrôle de l'évaporation du carburant (EVAP) du système OBD, et le dispositif de diagnostic affiche uniquement son état et les résultats des tests.

Si la voiture prend en charge cette fonction, elle s'affichera comme ci-dessous :





Remarque : concernant les fonctions de test du moniteur embarqué et de test des composants (test EVAP), ces deux fonctions sont soumises au test en cours. Certains véhicules prennent en charge ces deux fonctions et le logiciel du produit affiche ces deux fonctions, tandis que d'autres véhicules ne les prennent pas en charge et le logiciel du produit ne les affiche pas.

Contrôle BAT

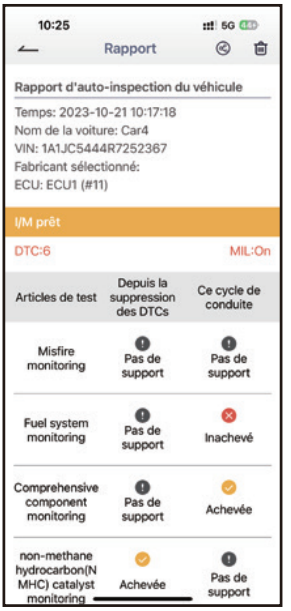
Affichez graphiquement la tension de la batterie en temps réel pour récupérer et analyser une tendance plus précise de la durée de vie de la batterie et surveiller l'état de santé.

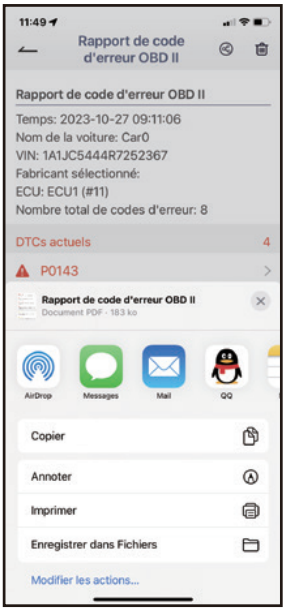


Rapport

Vous pouvez exporter des rapports de diagnostic et les partager sur les réseaux sociaux.







Mon véhicule

Vous pouvez sélectionner ou supprimer les informations sur votre véhicule. Conditions pour les véhicules nouvellement ajoutés :
1. Si le code VIN du véhicule nouvellement ajouté peut être lu, le véhicule peut être ajouté.
2. Si le code VIN du véhicule nouvellement ajouté ne peut pas être lu, une zone de saisie apparaîtra lorsque l'appareil communique avec le véhicule, et vous devrez ajouter manuellement les informations sur le véhicule nouvellement ajoutées.
3. Si l'utilisateur ne possède qu'un seul véhicule et souhaite ajouter plusieurs véhicules : l'APP n'est pas autorisée.

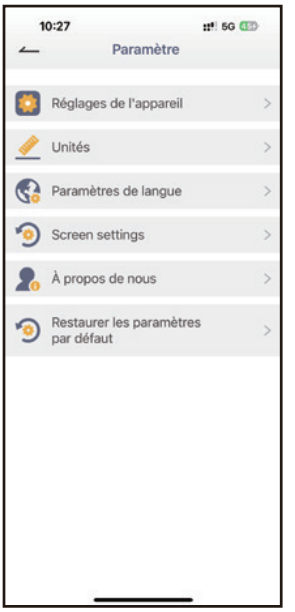

10:13
ANCEL AD310 BT
L'appareil est connecté
Aider
Rapport
Diagnostic
Contrôle BAT
Mon véhicule
Paramètre


10:27
Informations sur le véhicule
NOM
Car4
Plaque d'immatriculation
1A1JC5444R7252367
Fabricant
MODÈLE
Capacité moteur
ANNÉE
Type de véhicule
Type de carburant


10:27
Informations sur le véhicule
Éditer
Effacer
Rapport
NOM
Car4
Plaque d'immatriculation
1A1JC5444R7252367
Fabricant
MODÈLE
Capacité moteur
ANNÉE
Type de véhicule
Type de carburant

Paramètre

Paramètres de l'appareil / Unités / Paramètres de langue / Screen settings / À propos de nous / Restaurer les paramètres par défaut.



Retour d'information

Vous pouvez nous envoyer des commentaires si vous rencontrez des problèmes pour l'utiliser. Pour ce faire, remplissez et soumettez le formulaire de commentaires.



Fonction BAT + fonction OBDII (définir le mode OBDII)

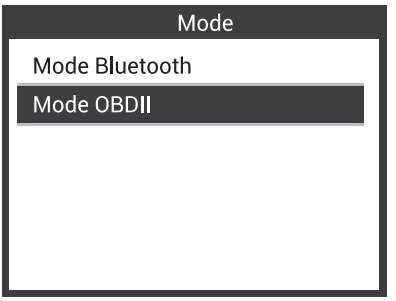
Fonction OBDI

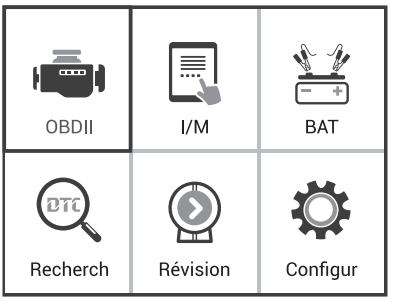
Branchez le produit sur l'interface OBDII du véhicule.



Appuyez sur ENTER pour accéder au menu de mode. Utilisez les boutons de défilement HAUT/BAS pour sélectionner Mode dans le menu.





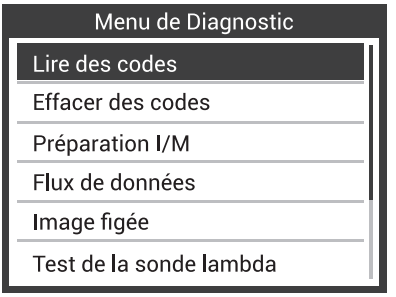


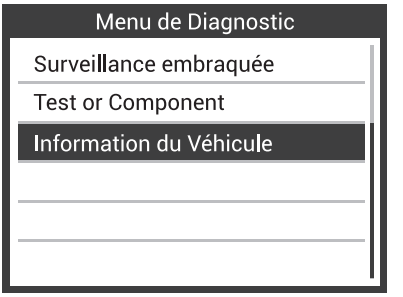
Présentation du menu principal

Fonction OBDII

L'erreur dans le système d'échappement du moteur illustrée peut être diagnostiquée via le menu OBDII, les autres erreurs système ne sont pas prises en charge.
Conseils : la fonction OBDII portable est la même que la fonction APP OBDII portable, seul l'affichage est différent.

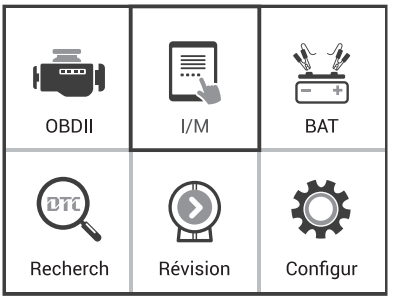


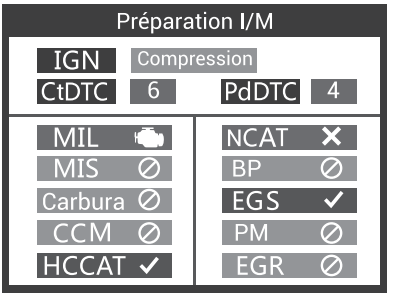




Fonction I/M

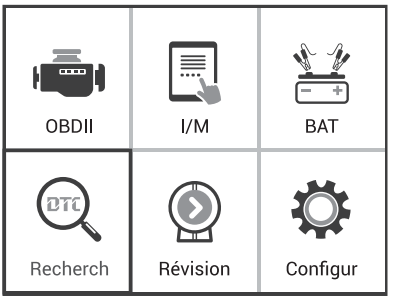
C'est l'une des fonctions d'OBDII.

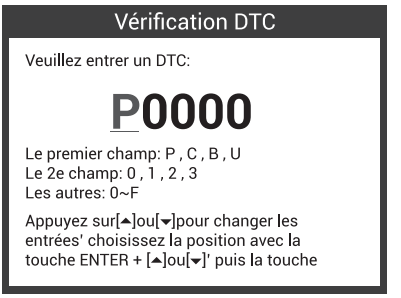




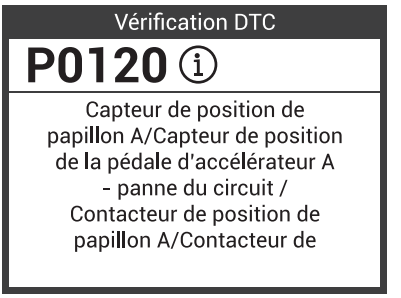
Rechercher

La fonction de recherche DTC vous permet de rechercher des définitions de codes stockés dans la bibliothèque de codes intégrée.



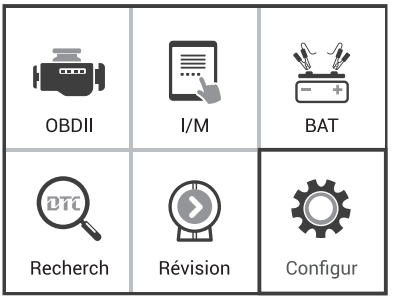


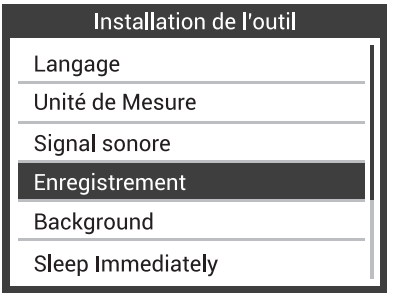


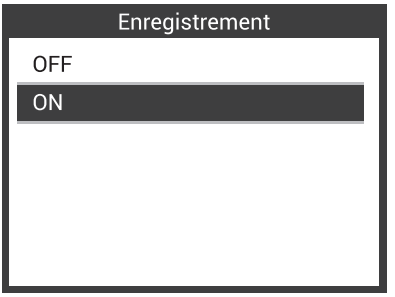


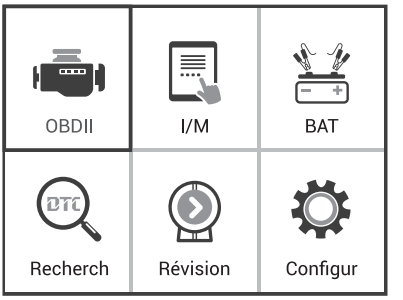
Révision

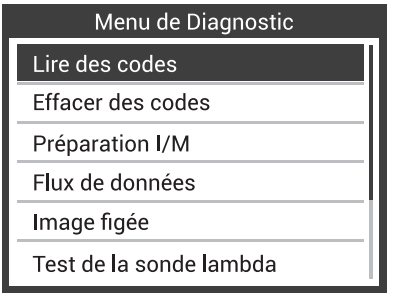
Cette fonction vous permet de revoir les DTC enregistrés.
Si le véhicule a des codes d'erreur moteur, activez l'enregistrement et revenez au menu, sélectionnez la fonction de lecture de code dans OBDII pour lire le code d'erreur, et enfin vous pouvez afficher le code d'erreur enregistré dans le menu de révision.

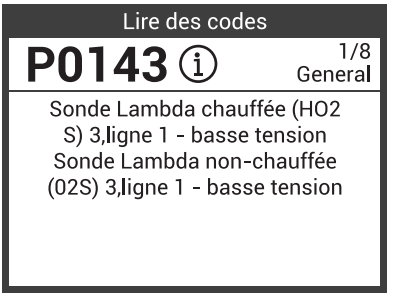


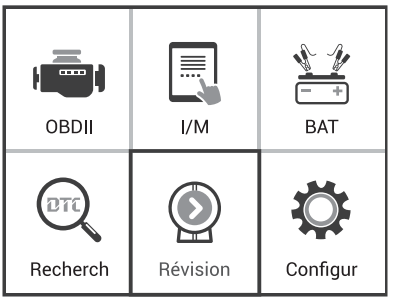


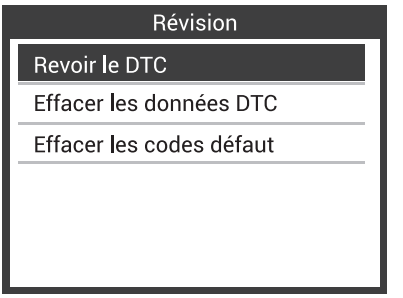

Enregistrement
OFF
ON

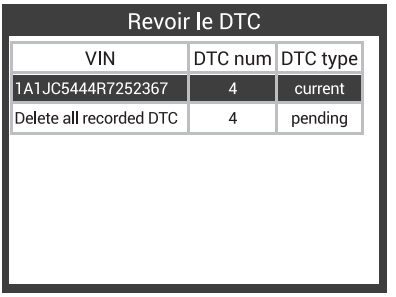

OBDII
I/M
BAT
DTC
Recherch
Révision
Configur


Menu de Diagnostic
Lire des codes
Effacer des codes
Préparation I/M
Flux de données
Image figée
Test de la sonde lambda


Lire des codes
P0143
1/8
General
Sonde Lambda chauffée (HO2 S) 3,ligne 1 - basse tension
Sonde Lambda non-chauffée (02S) 3,ligne 1 - basse tension

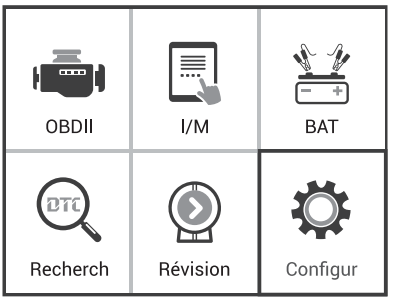

OBDII
I/M
BAT
DTC
Recherch
Révision
Configur

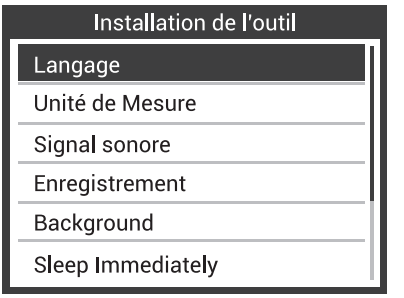

Révision
Revoir le DTC
Effacer les données DTC
Effacer les codes défaut

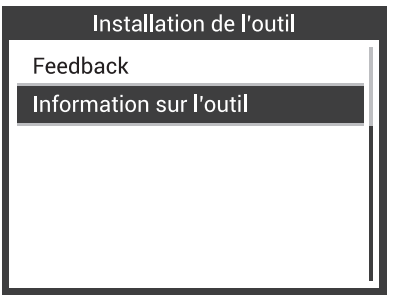

Revoir le DTC
VIN
DTC num
DTC type
1A1JC5444R7252367
4
current
Delete all recorded DTC
4
pending

Configuration

Menu Langue / Unité de mesure / Bip / Enregistrer / Fond / Veille immédiate / Commentaires / Informations sur l'outil.
Si nous rencontrons des problèmes, nous pouvons activer la fonction de retour d'information pour signaler les données.



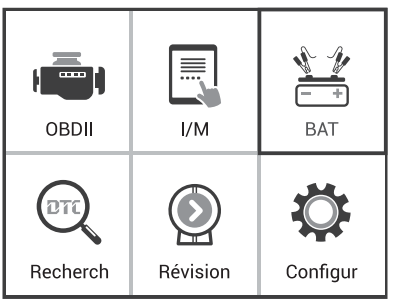


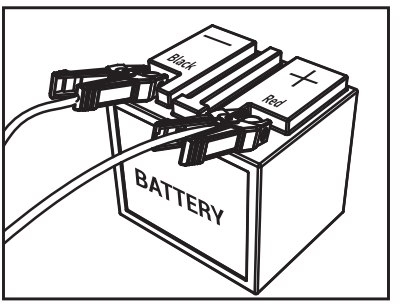


Fonction BAT

Préparatifs avant le test

Si vous effectuez le test dans le véhicule, assurez-vous que tous les accessoires sont éteints, que la clé n'est pas dans le contact et que les portes sont fermées.
Connexion du testeur
1) Connectez la pince rouge à la borne positive (+) et la pince noire à la borne négative (-).





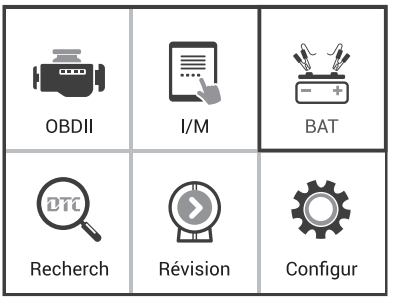
2) Pour une connexion correcte, faites basculer les pinces d'avant en arrière. Le testeur nécessite que les deux côtés de chaque pince soient fermement connectés avant le test.

Avant l'essai

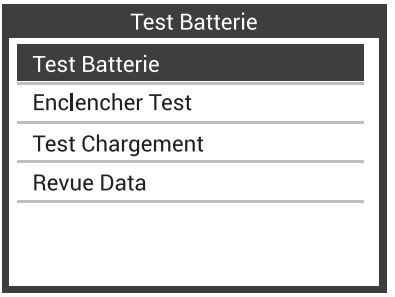
Le moteur et toutes les autres charges accessoires doivent être éteints pendant le test afin d'obtenir des résultats précis. Allumez les phares du véhicule pendant 2 à 3 minutes jusqu'à ce que la tension de la batterie revienne à sa valeur normale si la batterie est juste complètement chargée.

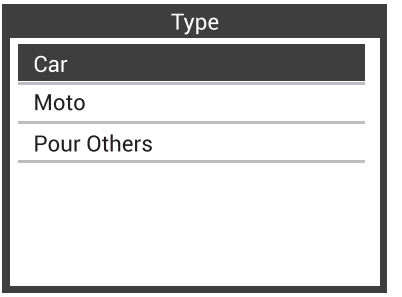
Test de batterie

Depuis le menu principal, utiliser les touches de navigation FEUILLE / DROITE pour sélectionner le menu BAT et appuyer sur la touche ENTER. L'écran affichera l'interface ci-dessous:







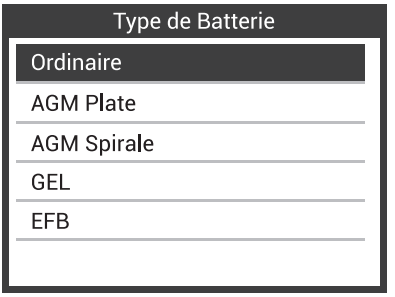


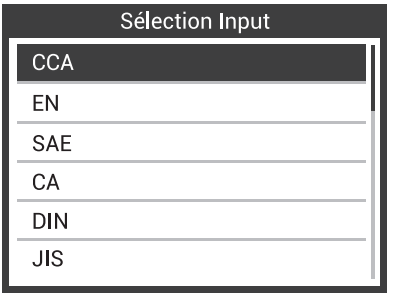
Il teste chaque batterie selon la norme du système actuel sélectionné et la valeur nominale indiquée sur la batterie, pour obtenir des résultats précis.

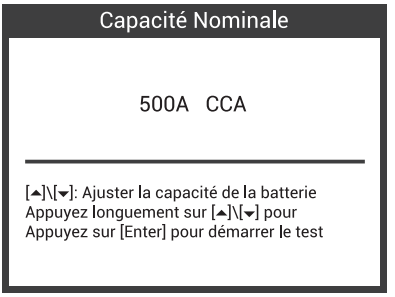
Standard	Description	Gamme
CCA	Ampères de démarrage à froid, comme spécifié par SAE.note la plus courante pour le démarrage des batteries à 0°F (-17.8°C).	100-2000
DIN	Norme industrielle allemande.	100-1400
JIS	Norme industrielle japonaise, représentée sur une batterie sous la forme d'une combinaison de chiffres et de lettres.	26A17-N200Z

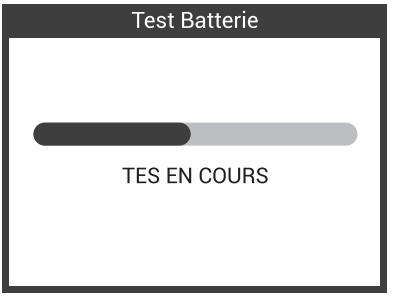
EN	Norme européenne.	100-2000
IEC	Commission internationale en électrotechnique.	100-1400
SAE	Norme de la Société des ingénieurs automobiles.	100-2000
MCA	Norme d'ampères de démarrage marins, valeur de courant de démarrage efficace à 0°C.	100-2000
BCI	Norme internationale du Battery Council.	100-2000
CA	Ampères de démarrage standard, valeur de courant de démarrage efficace à 0 °C.	100-2000
GB	Norme nationale chinoise.	30-220Ah

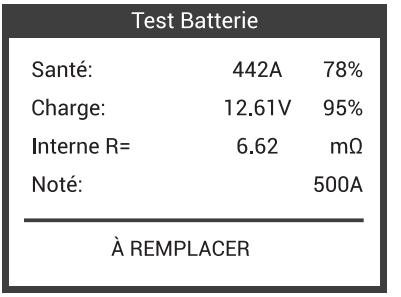
Type de batterie : faites défiler et sélectionnez Régulièrement inondée, AGM Flat Plate ou AGM Spiral, le cas échéant.









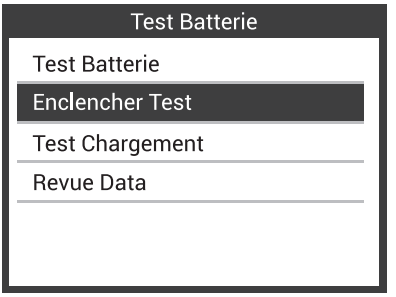


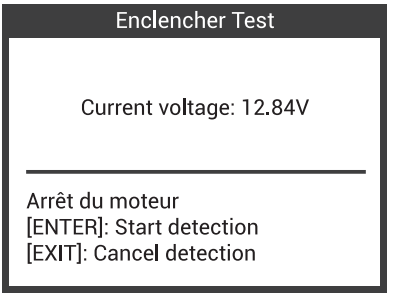
Résultats des tests de batterie

Décision	Interprétation
BONNE BATTERIE	Renvoyez la batterie pour l'utiliser.
BONNE RECHARGE	Chargez complètement la batterie et remettez-la en service.
CHARGE ET RETEST	Chargez complètement la batterie et refaites un test. Ne pas charger complètement la batterie avant de refaire le test peut entraîner des résultats inexacts. Si CHARGE&RETEST apparaît à nouveau après avoir complètement chargé la batterie, remplacez la batterie.
REMPLACER LA BATTERIE	Remplacez la batterie et retestez. Un résultat REMPLACER LA BATTERIE peut également signifier une mauvaise connexion entre les câbles de la batterie et la batterie. Après avoir débranché les câbles de la batterie, testez à nouveau la batterie en utilisant le test hors véhicule avant de la remplacer.
MAUVAIS REMPLACEMENT DE CELLULE	Remplacez la batterie et retestez.

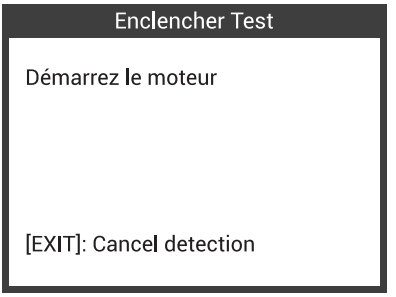
Enclencher test

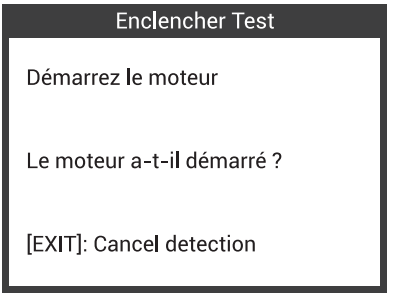
Avec cette fonction, vous pouvez lire la tension de la batterie en temps réel.

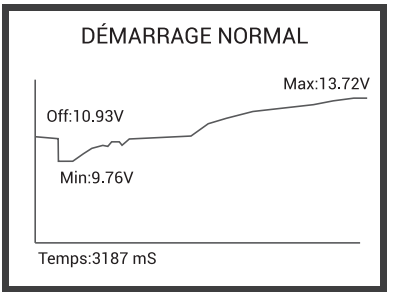




Si vous appuyez sur [ENTER] et démarrez la détection, l'interface s'affichera:

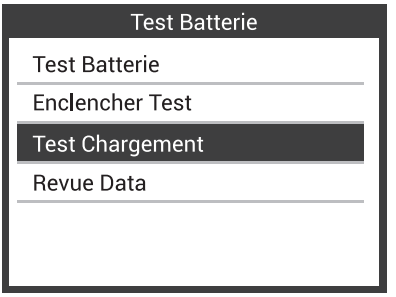


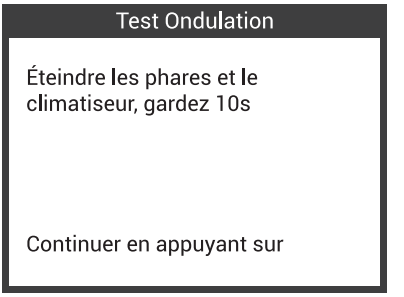


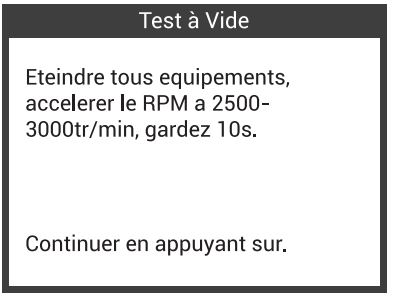


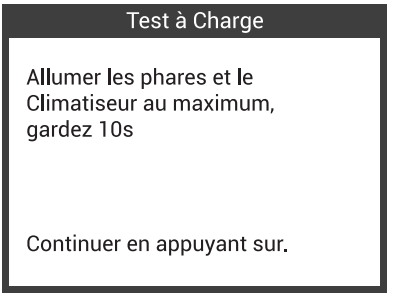
Test Chargement

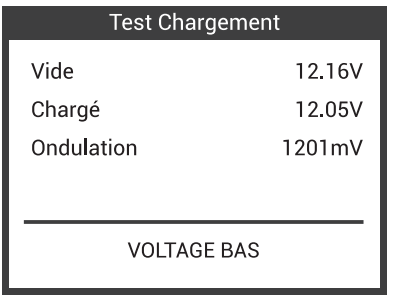
Appuyez sur Test de charge et il affichera:





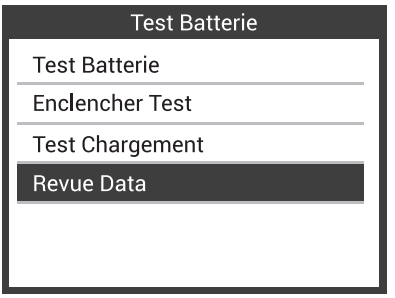


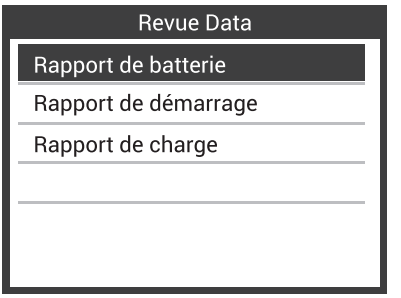


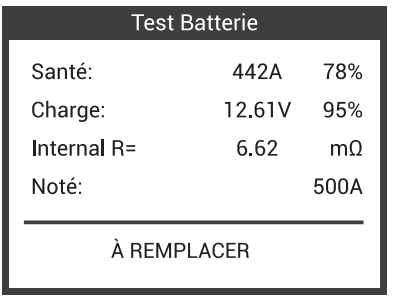


Revue Data

Lorsque vous appuyez sur Vérifier les données, les données du dernier test de batterie s'affichent comme suit:







Mise à jour

1) Téléchargez le logiciel de mise à jour et décompressez le fichier.
2) Connectez l'appareil à l'ordinateur à l'aide d'un câble USB.
3) Le logiciel de mise à jour n'est pris en charge que le 7/8/10/11. Sous Windows 7, vous devez installer le pilote, sous Windows 8/10/11, vous pouvez exécuter directement le logiciel de mise à jour.

Note:
Les ordinateurs Windows XP et Apple ne prennent pas en charge les mises à niveau.

Garantie

1) Cette garantie est limitée à la personne qui achète les produits ANCEL.
2) Les produits ANCEL sont garantis contre les défauts de matériaux et de fabrication pendant une période d'un an (12 mois) à compter de la date d'expédition à l'utilisateur.

Sicherheitsvorkehrungen

Um Verletzungen oder Schäden an Fahrzeugen und/oder dem Scan-Tool zu vermeiden, lesen Sie zuerst diese Bedienungsanleitung und beachten Sie bei Arbeiten an einem Fahrzeug mindestens die folgenden Sicherheitsvorkehrungen:

- Führen Sie Kfz-Tests immer in einer sicheren Umgebung durch.
- Versuchen Sie nicht, das Werkzeug zu bedienen oder zu beobachten, während Sie ein Fahrzeug fahren. Das Bedienen oder Beobachten des Werkzeugs lenkt den Fahrer ab und kann zu einem tödlichen Unfall führen.
- Betreiben Sie das Fahrzeug in einem gut belüfteten Arbeitsbereich: Abgase sind giftig.
- Halten Sie das Scan-Tool trocken, sauber und frei von Öl/Wasser oder Fett.
- Verwenden Sie bei Bedarf ein mildes Reinigungsmittel auf einem sauberen Tuch, um die Außenseite des Diagnose-Testers zu reinigen.
- Überprüfen Sie für den Fall eines Stromschlags, dass sich die Isolierschicht der Batterieklemmen in normalem Zustand befindet (keine Beschädigung, blank oder unterbrochen).
- Beim Testen in der Nähe der Batterie NICHT rauchen, Funken erzeugen und keine Streichhölzer anzünden.
- Entfernen Sie während des Tests NICHT die Batterieklemmen.
- Stellen Sie den Tester NICHT in eine sehr feuchte, staubige Umgebung.
- Zerlegen Sie den Tester NICHT, da dies zu Schäden führen kann.

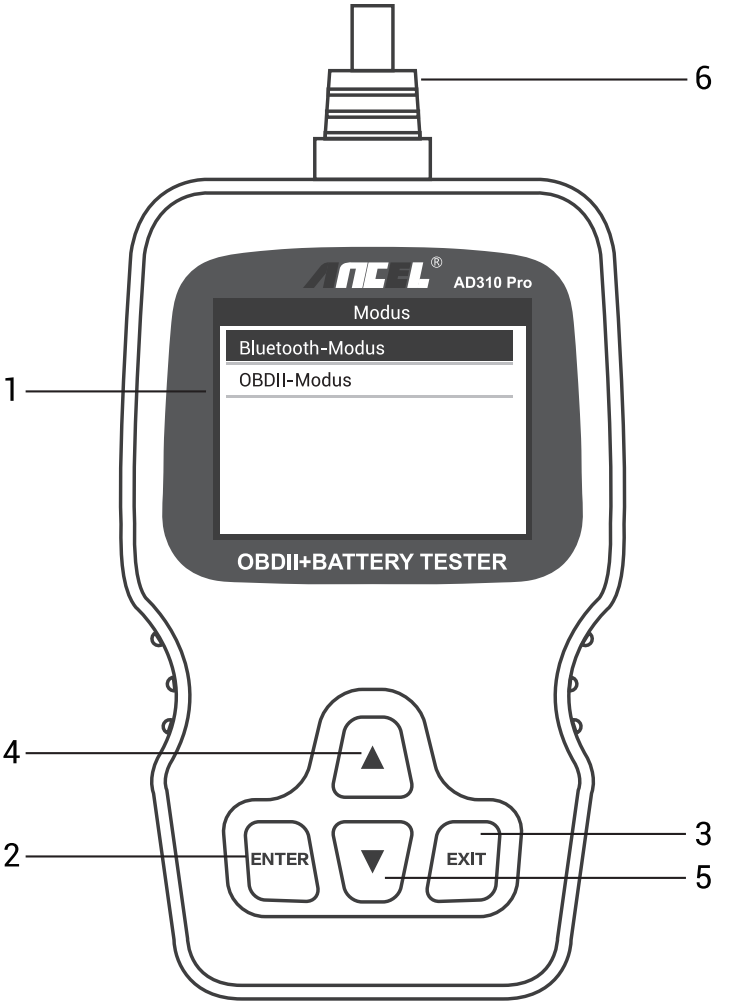
Produktprofil

AD310 Pro ist ein 3-in-1-Diagnosegerät der neuen Generation, das OBDII-Funktionen und Batterietestdaten direkt auf dem Scannerbildschirm anzeigen kann.
Es kann auch OBDII-Funktionen über Bluetooth auf dem Bildschirm eines Android- oder IOS-Geräts anzeigen.

Produktspezifikation

1) Betriebsspannung: DC 8—18 V.
2) Betriebstemperatur: 0 bis 60°C (32 bis 140°F).
3) Lagertemperatur: -20 bis 70°C (-4 bis 158°F).
4) Externe Stromversorgung: 8,0 bis 18,0 V Stromversorgung über die Fahrzeugbatterie.

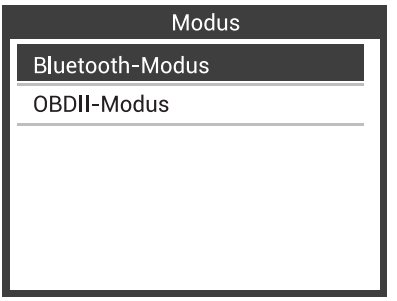
Werkzeugbeschreibung - ANCEL AD310 Pro



1) LCD-ANZEIGE – Zeigt Testergebnisse an. 2,4-Zoll-TFT-262K-Echtfarben-QVGA-LCD-Display mit 320 x 240 Pixeln.
2)ENTER-TASTE – Bestätigt eine Auswahl (oder Aktion) aus einem Menü.
3)EXIT-TASTE – Bricht eine Auswahl (oder Aktion) aus einem Menü ab oder kehrt zum Menü zurück. Es wird auch verwendet, um den DTC-Suchbildschirm zu verlassen.
4) NACH-OBEN-SCROLL-TASTE – Bewegt sich im Menümodus nach oben durch Menü- und Untermenüelemente. Wenn mehr als ein Bildschirm mit Daten abgerufen wird, wird vom aktuellen

Bildschirm nach oben zu den vorherigen Bildschirmen für zusätzliche Daten gewechselt.
5) NACH-UNTEN-SCROLL-TASTE – Bewegt sich im Menümodus nach unten durch Menü- und Untermenüelemente. Wenn mehr als ein Bildschirm mit Daten abgerufen wird, wird vom aktuellen Bildschirm nach unten zu den nächsten Bildschirmen für zusätzliche Daten gewechselt.
6) OBD II-ANSCHLUSS – Verbindet das Scan-Tool mit dem Data Link Connector (DLC) des Fahrzeugs.

Bluetooth-OBDII-Funktion (Bluetooth-Modus einstellen)



LADE APP HERUNTER

1. Scannen Sie den QR-Code unten, um die Software für Android und iOS herunterzuladen.

ANCEL
Official Website

for Android

for iOS

2. iOS kann aus dem APP Store heruntergeladen werden, indem man nach dem Schlüsselwort „ANCEL“ sucht.

3.Android kann von Google Play heruntergeladen werden, indem Sie nach dem Schlüsselwort „ANCEL“ suchen.

Hinweis: Dieses Produkt unterstützt nur die ANCEL APP-Verbindung und ist nicht mit anderen APPs kompatibel.

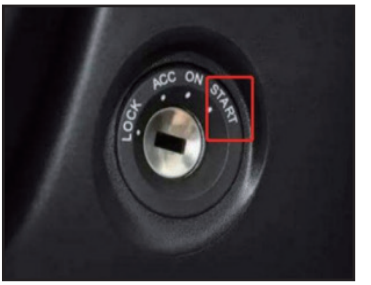
Bedienungsanleitungen

1) Suchen Sie den 16-poligen Datenverbindungsstecker (DLC) des Fahrzeugs.



2) Starten Sie das Fahrzeug.



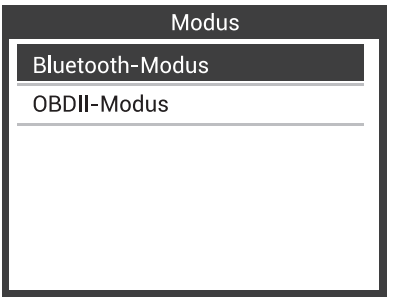


3) Stecken Sie das Produkt in die OBDII-Schnittstelle des Fahrzeugs.



4) Drücken Sie ENTER, um das Modusmenü aufzurufen. Verwenden Sie die AUF/AB-Bildlauftaste, um „Modus“ aus dem Menü auszuwählen.



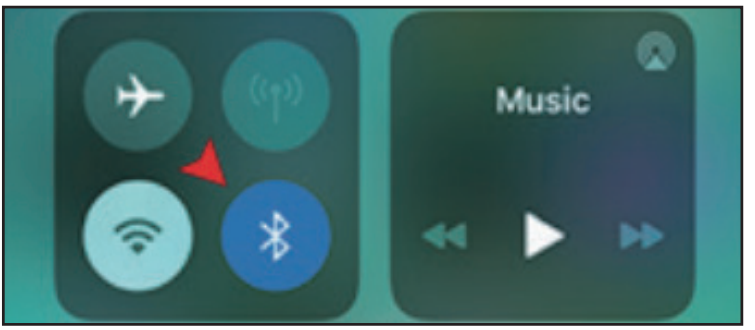




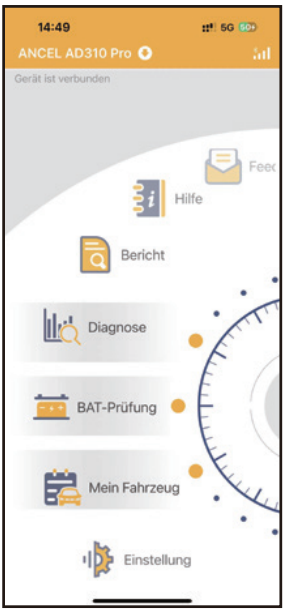
Bluetooth-Modus (Verbindung zur mobilen App zur Diagnose herstellen)

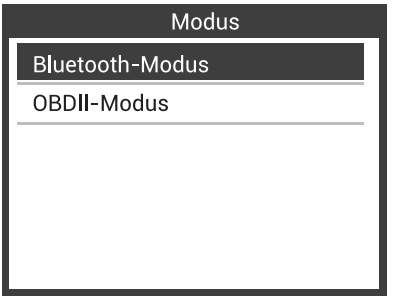
Bluetooth-Verbindung für iOS-Geräte

1) Schalten Sie Bluetooth auf Ihrem Telefon ein. Ziehen Sie es von unten nach oben oder von rechts oben nach unten auf dem Bildschirm, um das Kontextmenü zu öffnen. Tippen Sie auf das Bluetooth-Symbol, um es einzuschalten. Bei Mobiltelefonen mit iOS-Version 13 und höher müssen Sie außerdem Bluetooth in den Datenschutzeinstellungen des Systems einschalten.



2) Öffnen Sie die APP „ANCEL“ und stellen Sie sicher, dass sich das Handgerät im Bluetooth-Modus befindet, wenn es eine Verbindung zur APP herstellt.







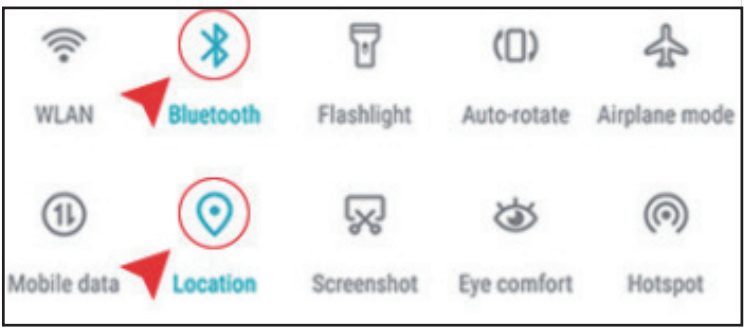
3) Die APP stellt automatisch eine Verbindung zum Gerät her. Stellen Sie während des Verbindungsvorgangs sicher, dass keine anderen Telefone mit dem Gerät verbunden sind. Wenn die Meldung „Erfolgreich verbunden“ angezeigt wird, kann das Produkt normal verwendet werden.



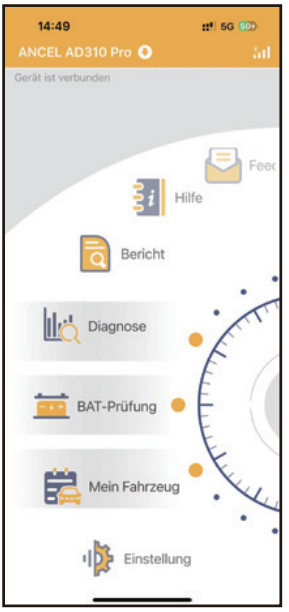


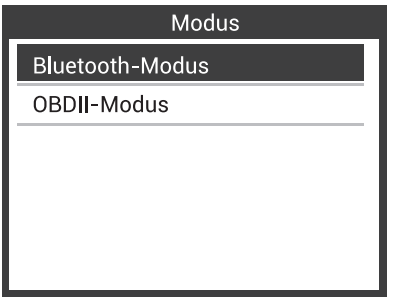
Bluetooth-Verbindung für Android-Geräte

1) Schalten Sie Bluetooth und den Standortschalter am Telefon ein.



2) Öffnen Sie die APP „ANCEL“ und stellen Sie sicher, dass sich das Handgerät im Bluetooth-Modus befindet, wenn es eine Verbindung zur APP herstellt.







3) Die APP stellt automatisch eine Verbindung zum Gerät her. Stellen Sie während des Verbindungsvorgangs sicher, dass keine anderen Telefone mit dem Gerät verbunden sind. Wenn die Meldung „Erfolgreich verbunden“ angezeigt wird, kann das Produkt normal verwendet werden.

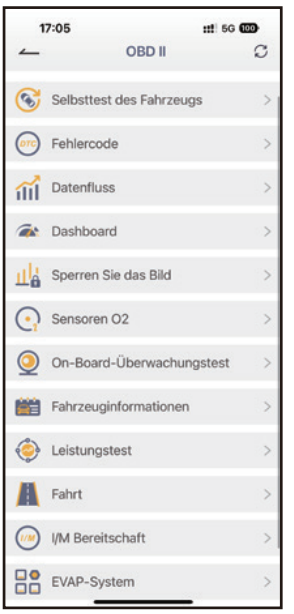




Beginnen Sie mit der Nutzung Ihres Geräts

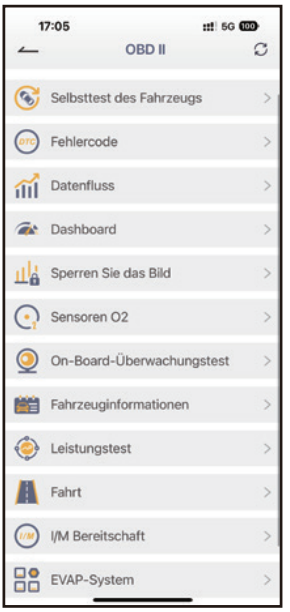
Nach der Bluetooth-Verbindung wird die Diagnosesoftware gestartet, sofern Ihr Fahrzeug dies unterstützt. Sie können alle Funktionen des Gerätes nutzen, z.B. die Standard-OBDII-Funktion und andere Funktionen.

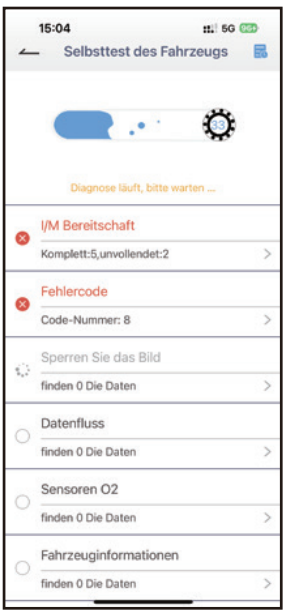




Selbsttest des Fahrzeugs

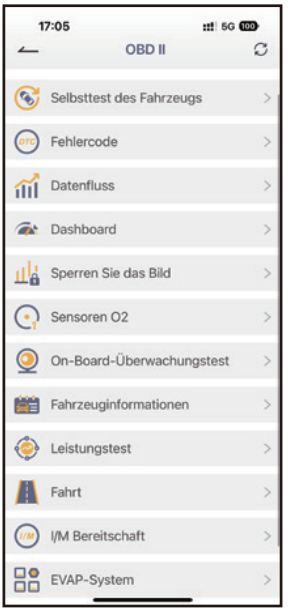
Lesen Sie die I/M-Bereitschaft des Fahrzeugs, Fehlercodes, Datenströme und andere Informationen mit einem Klick.

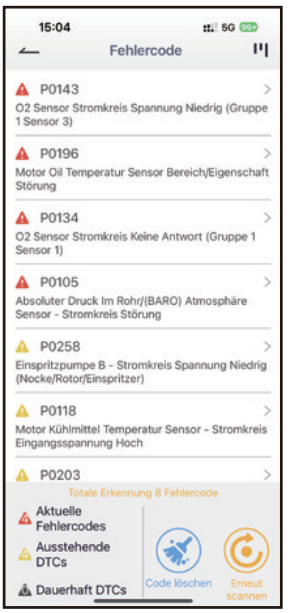




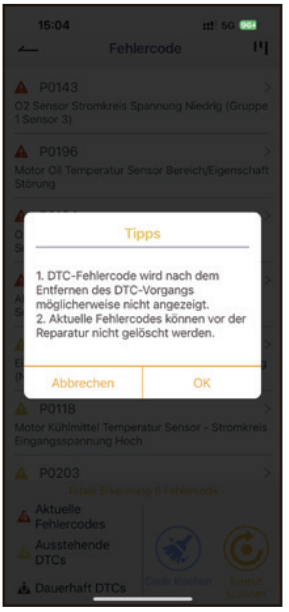
Fehlercode

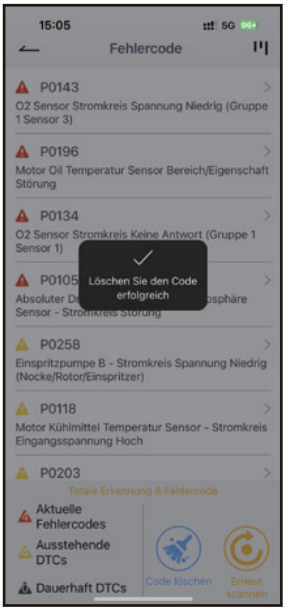
Hervorragende DTC-Erklärungen liefern Ihnen genaue und detaillierte Fehlercodedefinitionen.





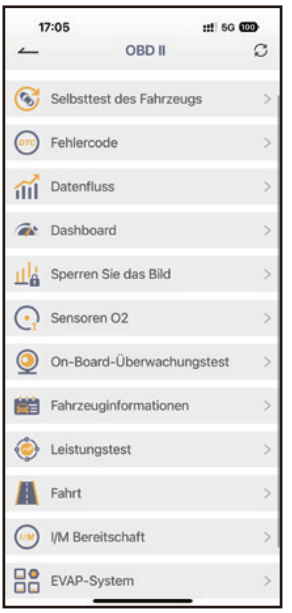
Verwenden Sie die Schaltfläche „Code löschen“, um alle aktuellen und gespeicherten DTCs aus dem Steuermodul zu löschen.

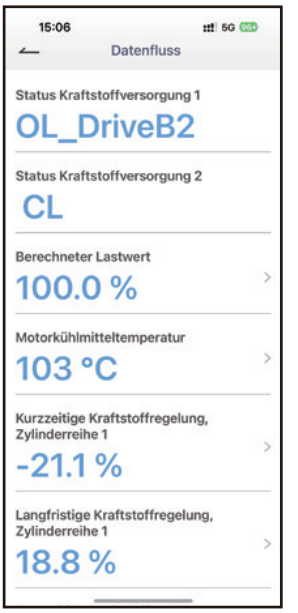


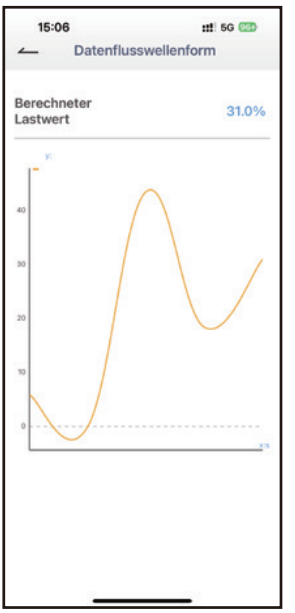


Datenfluss

Mit der Funktion „View Data Stream“ können Sie die PID-Daten der elektronischen Steuereinheit des Fahrzeugs in Echtzeit anzeigen.
Wenn im Datenfluss eine Pfeilmarkierung vorhanden ist, wird der Datenfluss in Form eines Diagramms wie folgt angezeigt:

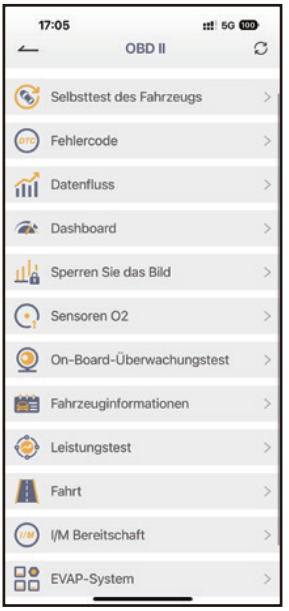


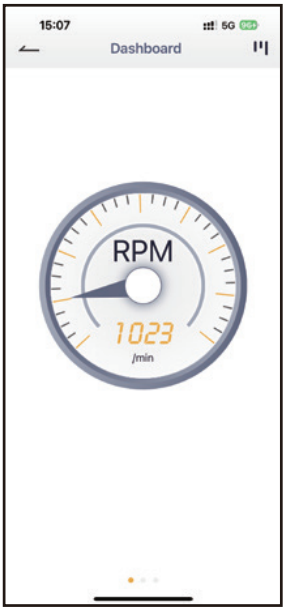


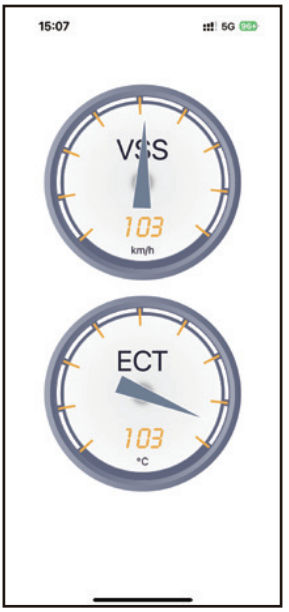


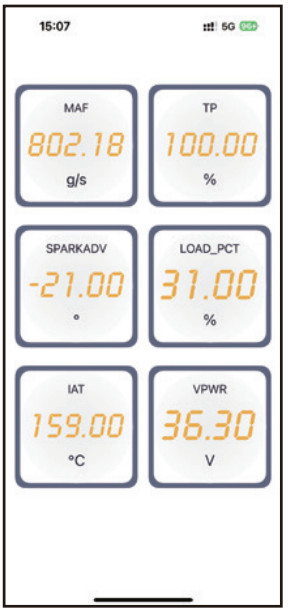
Dashboard

Es gibt 3 verschiedene Stile der intuitiven grafischen Anzeige.









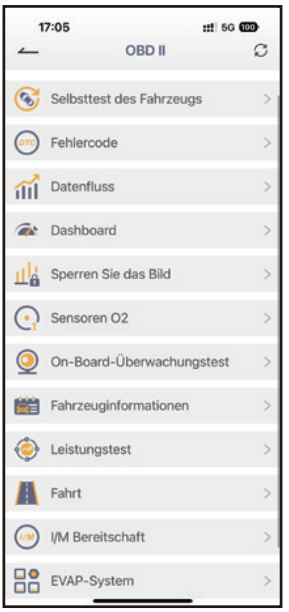
So passen Sie Ihren Datenstrom an:
„Seite hinzufügen“ – „Wählen Sie die gewünschten Grafikstile aus“ – „PID“ „Wählen Sie den benötigten Datenstrom aus“.
Bitte drücken Sie lange auf die Grafik, um sie an die gewünschte Stelle zu ziehen oder zu löschen.

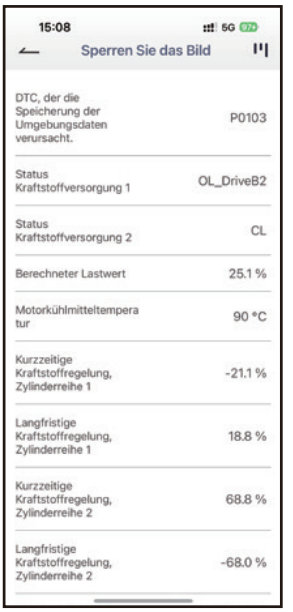




Sperren Sie das Bild

Das Freeze-Frame-Menü zeigt Freeze-Frame-Daten an, eine Momentaufnahme kritischer Fahrzeugbetriebszustände, die zum Zeitpunkt der DTC-Aufzeichnung automatisch vom Bordcomputer aufgezeichnet werden. Dies ist eine gute Funktion, um die Fehlerursache zu ermitteln.





Sensoren O2

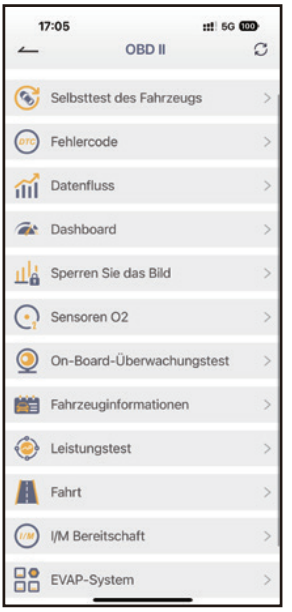
Die Vorschriften von OBD II erfordern, dass bestimmte Fahrzeuge Sauerstoffsensoren (O2) überwachen und testen, um kraftstoff- und emissionsbezogene Fehler zu isolieren. Mit der Funktion „O2-Monitortest“ können Sie die Ergebnisse der O2-Sensor-Überwachungstests anzeigen.

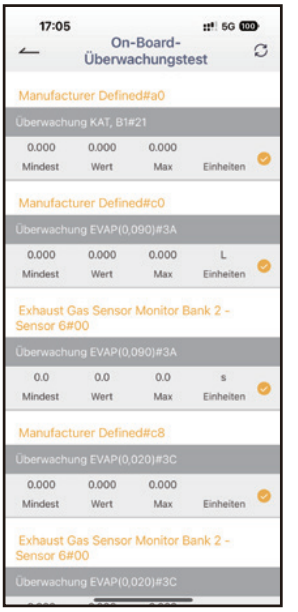




On-Board-Überwachungstest

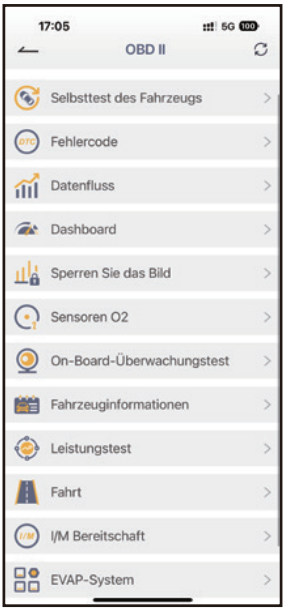
Mit dieser Funktion können Sie die Ergebnisse der On-Board-Diagnoseüberwachung auslesen. Testen Sie auf bestimmte Komponenten/Systeme.

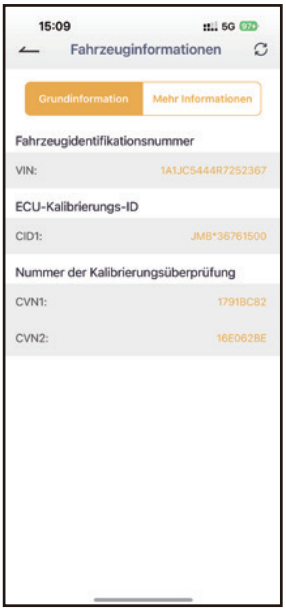


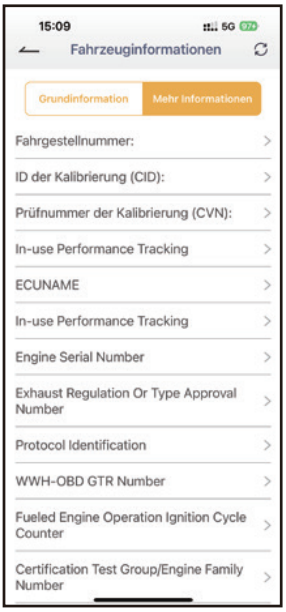


Fahrzeuginformationen

Fahrzeuginformationen ermöglichen den Abruf der Fahrzeugnummer (VIN), der Kalibrierungsnummern-ID(s), die die Softwareversion des/der Fahrzeugsteuermodul(s) identifizieren, der Kalibrierungsprüfnummern (CVN(s)) und die Verfolgung der Leistung im Betrieb für OBD-kompatible Fahrzeuge Modelljahr 2000 und später. CVNs sind berechnete Werte, die von OBD II vorgeschrieben werden. Sie sollen überprüfen, ob emissionsbezogene Kalibrierungen geändert wurden. Für ein Steuermodul können mehrere CVNs gemeldet werden. Die Berechnung des CVN kann mehrere Minuten dauern. Die Leistungsverfolgung im Betrieb verfolgt die Leistung der wichtigsten Standby-Monitore.

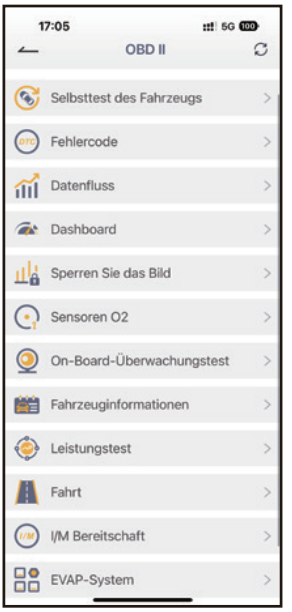

17:05
OBD II
Selbsttest des Fahrzeugs
Fehlercode
Datenfluss
Dashboard
Sperren Sie das Bild
Sensoren O2
On-Board-Überwachungstest
Fahrzeuginformationen
Leistungstest
Fahrt
I/M Bereitschaft
EVAP-System

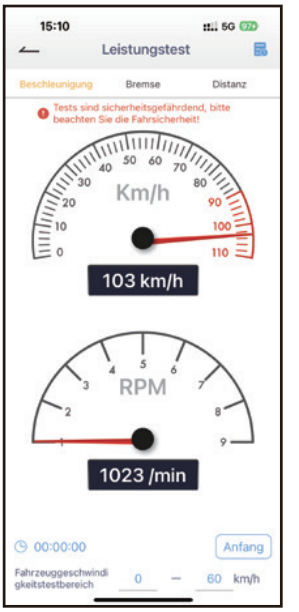

15:09
Fahrzeuginformationen
Grundinformation
Mehr Informationen
Fahrzeugidentifikationsnummer
VIN:
1A1JC5444R7252367
ECU-Kalibrierungs-ID
CID1:
JMB*36761500
Nummer der Kalibrierungsüberprüfung
CVN1:
1791BC82
CVN2:
16E062BE


15:09
Fahrzeuginformationen
Grundinformation
Mehr Informationen
Fahrgestellnummer:
ID der Kalibrierung (CID):
Prüfnummer der Kalibrierung (CVN):
In-use Performance Tracking
ECUNAME
In-use Performance Tracking
Engine Serial Number
Exhaust Regulation Or Type Approval Number
Protocol Identification
WWH-OBD GTR Number
Fueled Engine Operation Ignition Cycle Counter
Certification Test Group/Engine Family Number

Leistungstest

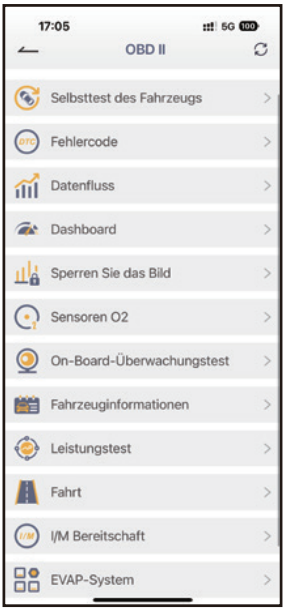
Überprüfen Sie den Zustand Ihres Fahrzeugs wie Beschleunigung, Bremsen und Abstand.

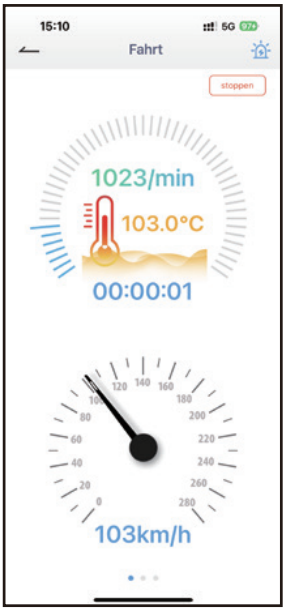


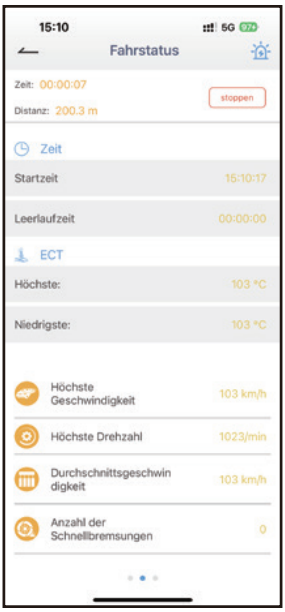


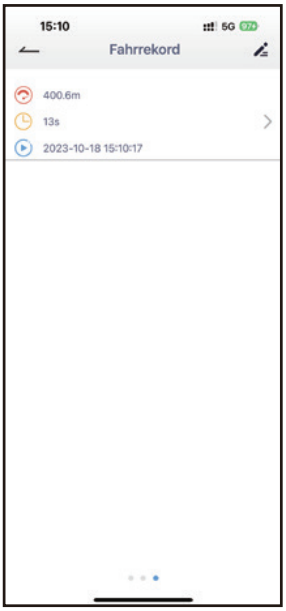
Fahrt

Exklusive Fahrtanalyse mit Zeit, Distanz, Startzeit, Fahrzeit, Höchstgeschwindigkeit, Höchstgeschwindigkeit U/min, Durchschnittsgeschwindigkeit, höchster und niedrigster Kühlmitteltemperatur, Anzahl der Übergeschwindigkeiten und Anzahl der Schnellbremsungen. Sie können die Fahrten auch aufzeichnen, speichern, ausdrucken und für Ihre eigene Analyse oder mit Ihrem Mechaniker teilen.


17:05
OBD II
Selbsttest des Fahrzeugs
Fehlercode
Datenfluss
Dashboard
Sperren Sie das Bild
Sensoren O2
On-Board-Überwachungstest
Fahrzeuginformationen
Leistungstest
Fahrt
I/M Bereitschaft
EVAP-System

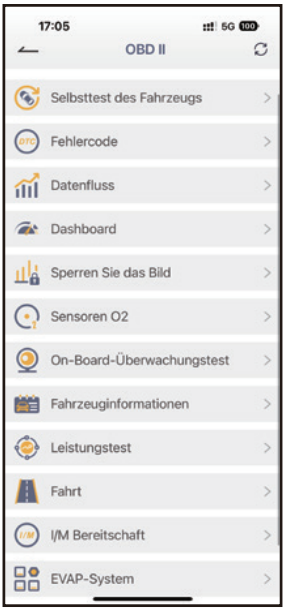

15:10
Fahrt
stoppen
1023/min
103.0°C
00:00:01
103km/h

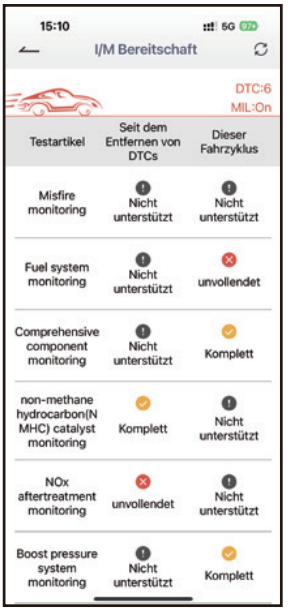

15:10
Fahrstatus
Zeit: 00:00:07
Distanz: 200.3 m
stoppen
Zeit
Startzeit 15:10:17
Leerlaufzeit 00:00:00
ECT
Höchste: 103 °C
Niedrigste: 103 °C
Höchste Geschwindigkeit 103 km/h
Höchste Drehzahl 1023/min
Durchschnittsgeschwindigkeit 103 km/h
Anzahl der Schnellbremsungen 0


15:10
Fahrrekord
400.6m
13s
2023-10-18 15:10:17

I/M Bereitschaft

Mit der Option „I/M-Bereitschaft“ können Sie einen Schnappschuss der Vorgänge des Abgassystems bei OBDII/EOBD-Fahrzeugen anzeigen.





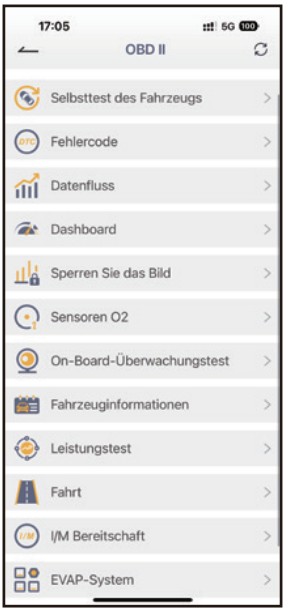
Test oder Komponente (EVAP-System)

Das OBD2-System überwacht das Kraftstoffsystem auf Kraftstoffdampflecks, um sicherzustellen, dass keine Kohlenwasserstoffe (HC) in die Atmosphäre gelangen. Der EVAP-Monitor macht zwei Dinge:

1. Stellen Sie sicher, dass der Benzindampf zum richtigen Zeitpunkt zum Ansaugrohr geleitet und mit der Luft vermischt wird, damit er zur Verbrennung in den Motor gelangt.
2. Verhindern Sie, dass Kraftstoffdämpfe in der Kraftstoffleitung in die Atmosphäre gelangen und die Umwelt verschmutzen.

EVAP-Testfunktion: Das externe Diagnosegerät kann die Kraftstoffverdampfungskontrolle (EVAP) des OBD-Systems nicht steuern und das Diagnosegerät zeigt nur seinen Status und Testergebnisse an.

Wenn das Auto diese Funktion unterstützt, wird sie wie folgt angezeigt:





Hinweis: Bezüglich der Funktionen „On-Board-Monitor-Test“ und „Komponententest“ (EVAP-Test) unterliegen diese beiden Funktionen dem aktuellen Test. Einige Fahrzeuge unterstützen diese beiden Funktionen und die Produktsoftware zeigt diese beiden Funktionen an, während andere Fahrzeuge sie nicht unterstützen und die Produktsoftware sie nicht anzeigt.

BAT-Prüfung

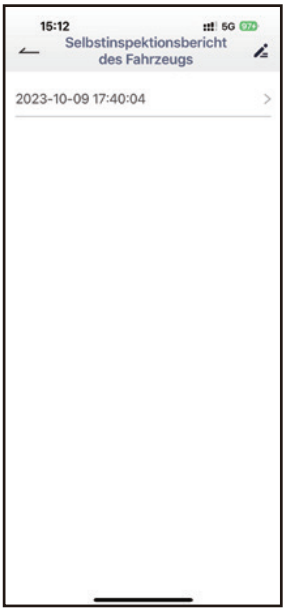
Zeigen Sie die Batteriespannung grafisch in Echtzeit an, um einen genaueren Trend zur Batterielebensdauer abzurufen und zu analysieren und den Gesundheitszustand zu überwachen.

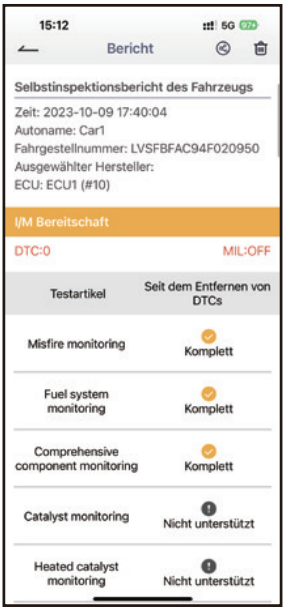


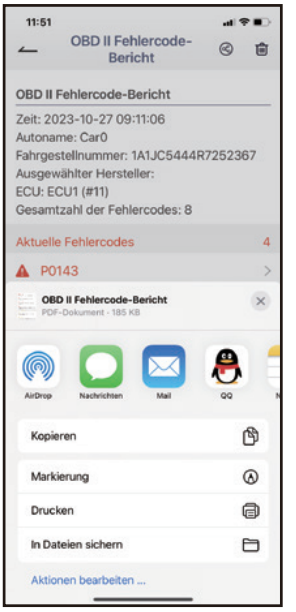
Bericht

Sie können Diagnoseberichte exportieren und in sozialen Medien teilen.



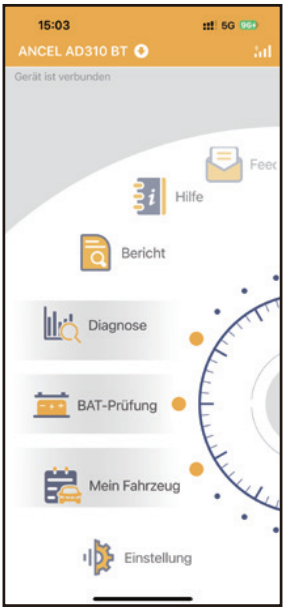




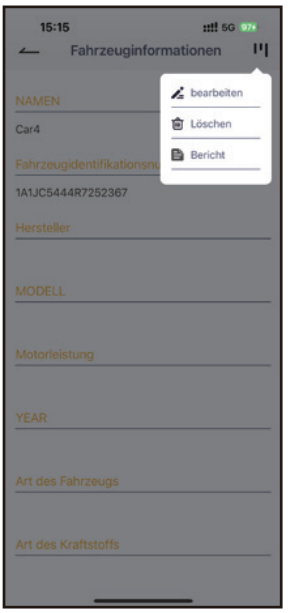


Mein Fahrzeug

Sie können die Informationen zu Ihrem Fahrzeug auswählen oder löschen. Bedingungen für neu hinzugefügte Fahrzeuge:
1. Wenn der VIN-Code des neu hinzugefügten Fahrzeugs gelesen werden kann, kann das Fahrzeug hinzugefügt werden.
2. Wenn der VIN-Code des neu hinzugefügten Fahrzeugs nicht gelesen werden kann, erscheint ein Eingabefeld, wenn das Gerät mit dem Fahrzeug kommuniziert, und Sie müssen die neu hinzugefügten Fahrzeuginformationen manuell hinzufügen.
3. Wenn der Benutzer nur ein Fahrzeug hat und mehrere Fahrzeuge hinzufügen möchte: APP ist nicht zulässig.

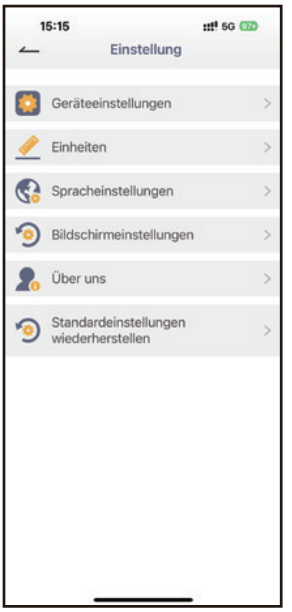

15:03
5G
ANCEL AD310 BT
Gerät ist verbunden
Hilfe
Bericht
Diagnose
BAT-Prüfung
Mein Fahrzeug
Einstellung


15:15
5G
Fahrzeuginformationen
NAMEN
Car4
Fahrzeugidentifikationsnummer
1A1JC5444R7252367
Hersteller
MODELL
Motorleistung
YEAR
Art des Fahrzeugs
Art des Kraftstoffs


15:15
5G
Fahrzeuginformationen
bearbeiten
Löschen
Bericht
NAMEN
Car4
1A1JC5444R7252367
Hersteller
MODELL
Motorleistung
YEAR
Art des Fahrzeugs
Art des Kraftstoffs

Einstellung

Geräteeinstellungen / Einheiten / Spracheinstellungen / Bildschirmeinstellungen / Über uns / Standardeinstellungen wiederherstellen.



FEEDBACK

Sie können uns Feedback senden, wenn Sie Probleme bei der Verwendung haben. Füllen Sie dazu das Feedback-Formular aus und senden Sie es ab.



BAT-Funktion + OBDII-Funktion (OBDII-Modus einstellen)

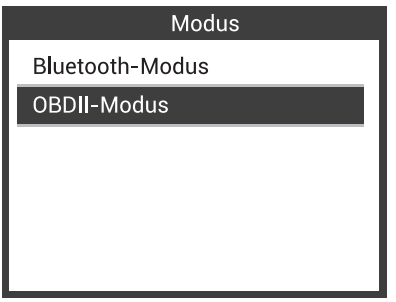
OBDII-Funktion

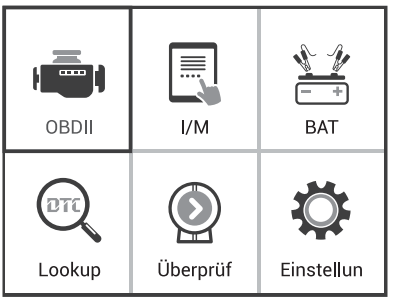
Stecken Sie das Produkt in die OBDII-Schnittstelle des Fahrzeugs.



Drücken Sie ENTER, um das Modusmenü aufzurufen. Verwenden Sie die AUF/AB-Bildlauftaste, um „Modus“ aus dem Menü auszuwählen.





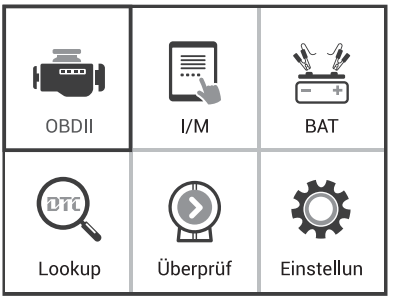


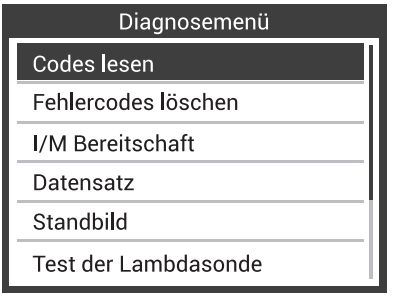
Einführung in das Hauptmenü

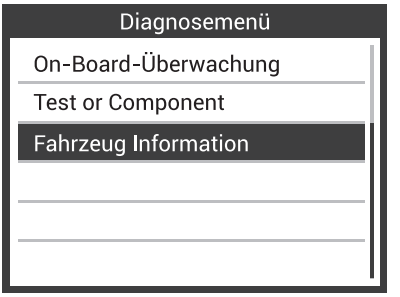
OBDII-Funktion

Der in der Abbildung dargestellte Fehler im Abgassystem des Motors kann über das OBDII-Menü diagnostiziert werden, andere Systemfehler werden nicht unterstützt.
Tipps: Die Handheld-OBDII-Funktion ist die gleiche wie die Handheld-APP-OBDII-Funktion, nur die Anzeige ist unterschiedlich.



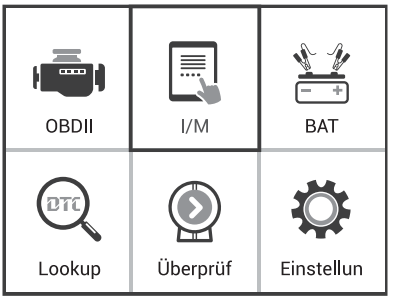


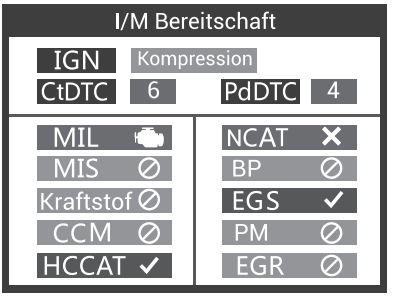




I/M-Funktion

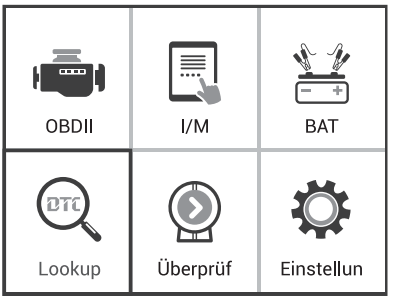
Dies ist eine der Funktionen von OBDII.

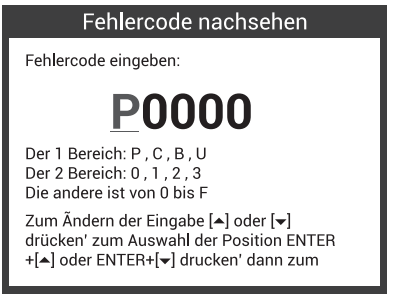


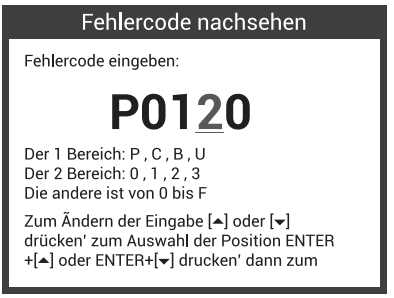


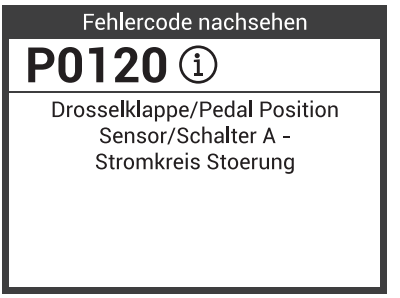
Lookup

Mit der DTC-Lookup-Funktion können Sie nach Definitionen von Codes suchen, die in der integrierten Codebibliothek gespeichert sind.



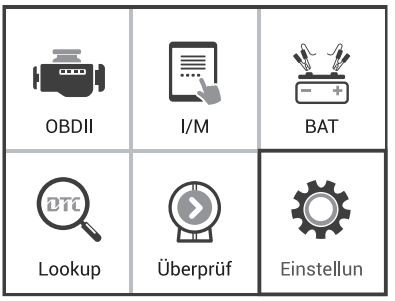


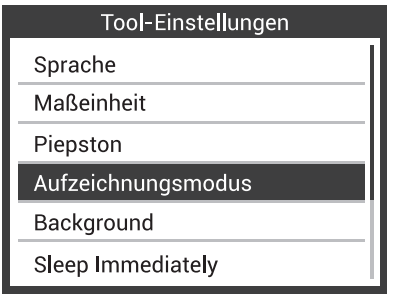


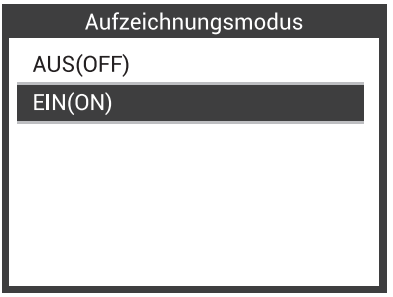


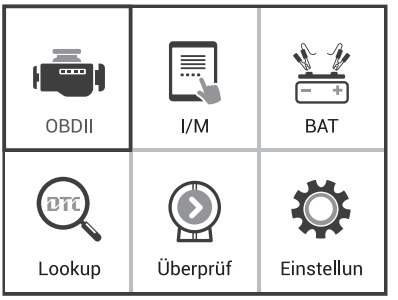
Überprüfung

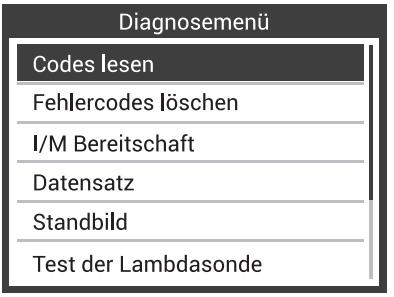
Mit dieser Funktion können Sie die aufgezeichneten DTCs überprüfen.
Wenn das Fahrzeug über Motorfehlercodes verfügt, schalten Sie die Aufzeichnung ein und kehren zum Menü zurück, wählen Sie die Codelesefunktion in OBDII aus, um den Fehlercode zu lesen, und schließlich können Sie den aufgezeichneten Fehlercode im Überprüfungsmenü anzeigen.

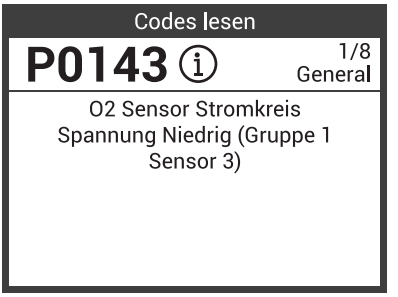


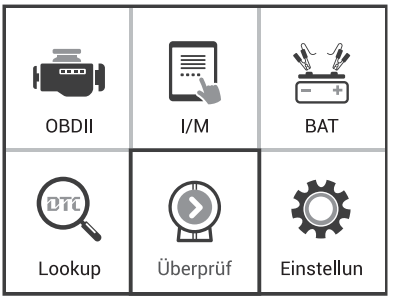


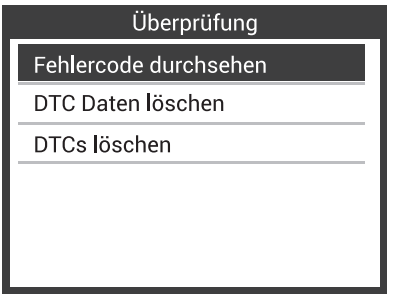

Aufzeichnungsmodus
AUS(OFF)
EIN(ON)

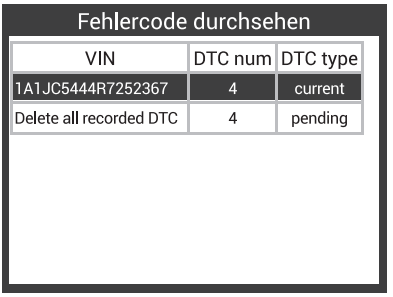

OBDII
I/M
BAT
Lookup
Überprüf
Einstellun


Diagnosemenü
Codes lesen
Fehlercodes löschen
I/M Bereitschaft
Datensatz
Standbild
Test der Lambdasonde


Codes lesen
P0143
1/8
General
O2 Sensor Stromkreis
Spannung Niedrig (Gruppe 1
Sensor 3)

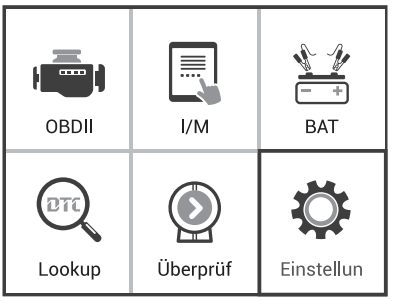

OBDII
I/M
BAT
Lookup
Überprüf
Einstellun

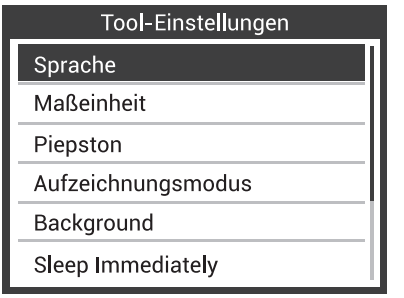

Überprüfung
Fehlercode durchsehen
DTC Daten löschen
DTCs löschen

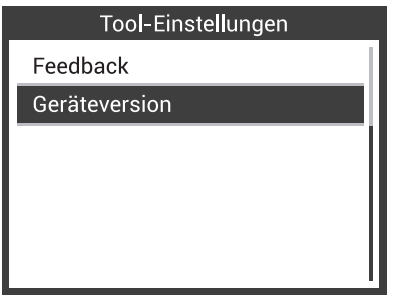

Fehlercode durchsehen
VIN
DTC num
DTC type
1A1JC5444R7252367
4
current
Delete all recorded DTC
4
pending

Einstellungen

Menü Sprache / Maßeinheit / Piepston / Aufzeichnungsmodus / Background / Sleep immediately / Feedback / Geräteversion.
Wenn wir auf Probleme stoßen, können wir die Feedback-Funktion einschalten, um Daten zu melden.



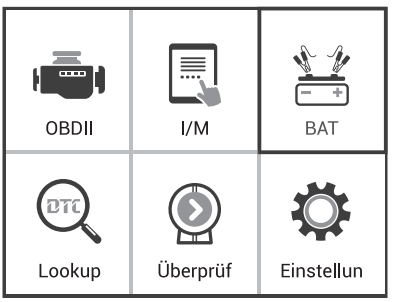


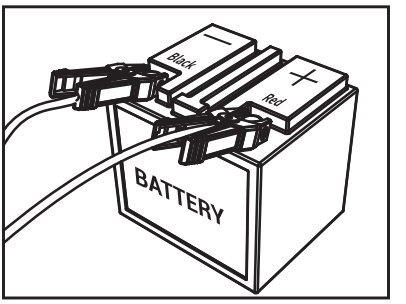


BAT-Funktion

Vorbereitungen vor dem Test

Wenn Sie Tests im Fahrzeug durchführen, stellen Sie sicher, dass alle Zusatzverbraucher ausgeschaltet sind, der Schlüssel nicht im Zündschloss steckt und die Türen geschlossen sind.
Anschließen des Testers
1) Verbinden Sie die rote Klemme mit dem Pluspol (+) und die schwarze Klemme mit dem Minuspol (-).





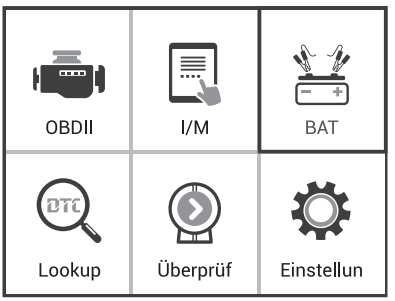
2) Für eine ordnungsgemäße Verbindung bewegen Sie die Klemmen hin und her. Der Tester verlangt, dass beide Seiten jeder Klemme vor dem Test fest verbunden sind.

Vor dem Test

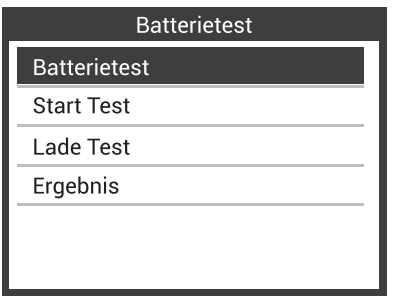
Um genaue Ergebnisse zu erhalten, müssen der Motor und alle anderen Zubehörlasten während des Tests ausgeschaltet sein. Schalten Sie die Fahrzeugscheinwerfer 2 bis 3 Minuten lang ein, bis die Batteriespannung wieder auf den Normalwert absinkt, wenn die Batterie gerade vollständig aufgeladen ist.

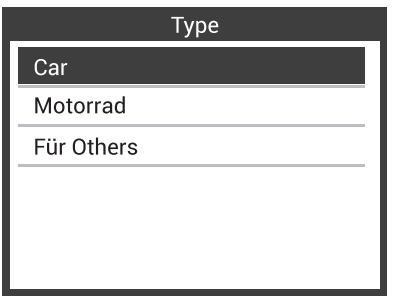
Batterietest

Wählen Sie im Hauptmenü mit den Navigationstasten BLATT / RECHTS das Menü BAT aus und drücken Sie die Taste ENTER. Auf dem Bildschirm wird die unten dargestellte Schnittstelle angezeigt:







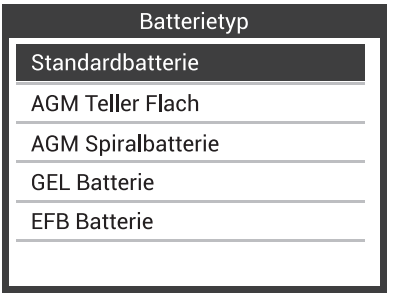


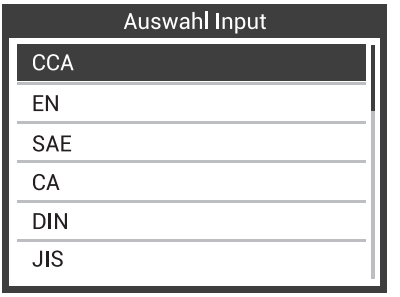
Es testet jede Batterie gemäß dem ausgewählten tatsächlichen Systemstandard und der auf der Batterie angegebenen Bewertung, um genaue Ergebnisse zu erhalten.

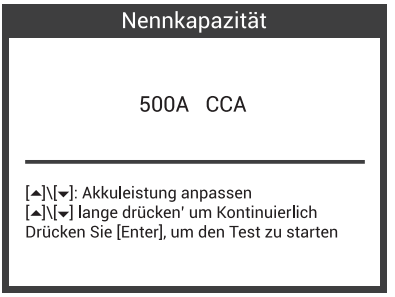
Standard	Beschreibung	Reichweite
CCA	Kaltstartstrom, wie von SAE.The spezifiziert gängigste Bewertung für Anlassbatterien bei 0°F (-17.8°C).	100-2000
DIN	Deutsche Industrie-Norm.	100-1400
JIS	Japanischer Industriestandard, angezeigt auf einer Batterie als Kombination aus Zahlen und Buchstaben.	26A17-N200Z

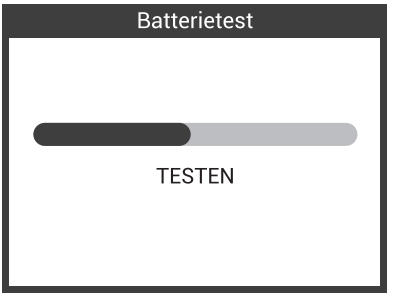
EN	Europa-Norm.	100-2000
IEC	Internationale Elektrotechnische Kommission.	100-1400
SAE	Standard der Society of Automotive Engineers.	100-2000
MCA	Marine-Ankurbelstrom-Standard, effektiver Anlaufstromwert bei 0°C.	100-2000
BCI	Internationaler Standard des Battery Council.	100-2000
CA	Startstrom standardmäßig, effektiver Startstromwert bei 0 °C.	100-2000
GB	Nationaler China-Standard.	30-220Ah

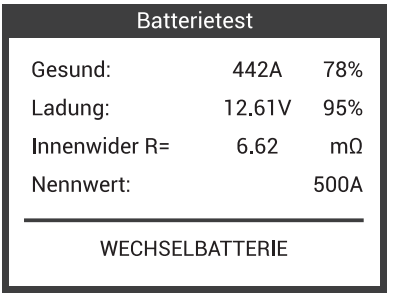
Batterietyp: Scrollen Sie zu „Regular Flooded“, „AGM Flat Plate“ oder „AGM Spiral“ und wählen Sie diese aus, sofern zutreffend.









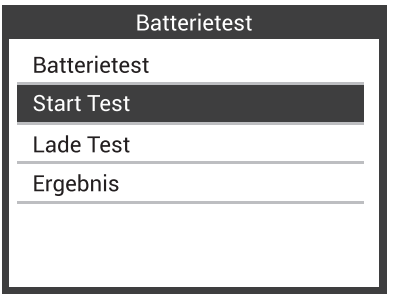


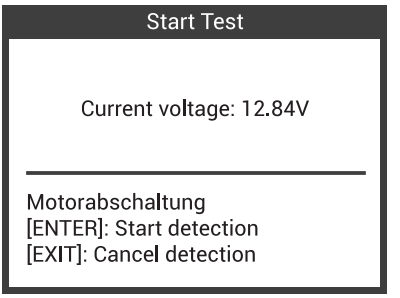
Ergebnisse des Batterietests

Entscheidung	Deutung
GUTE BATTERIE	Bringen Sie den Akku wieder zum Gebrauch zurück.
GUT AUFLADEN	Laden Sie den Akku vollständig auf und verwenden Sie ihn erneut.
LADEN & ERNEUT TESTEN	Laden Sie den Akku vollständig auf und testen Sie ihn erneut. Wenn der Akku vor dem erneuten Test nicht vollständig aufgeladen wird, kann dies zu ungenauen Ergebnissen führen. Wenn CHARGE&RETEST erneut angezeigt wird, nachdem Sie den Akku vollständig aufgeladen haben, tauschen Sie den Akku aus.
BATTERIE AUSTAUSCHEN	Ersetzen Sie die Batterie und wiederholen Sie den Test. Das Ergebnis „BATTERIE ERSETZEN“ kann auch auf eine schlechte Verbindung zwischen den Batteriekabeln und der Batterie hinweisen. Nachdem Sie die Batteriekabel abgeklemmt haben, testen Sie die Batterie erneut mithilfe des Tests außerhalb des Fahrzeugs, bevor Sie sie austauschen.
SCHLECHTE ZELLE ERSETZEN	Ersetzen Sie die Batterie und wiederholen Sie den Test.

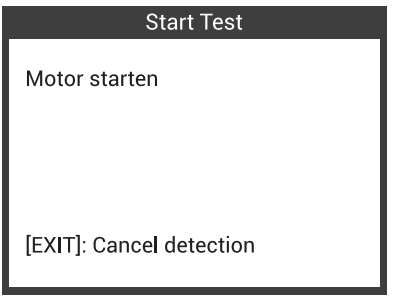
Start Test

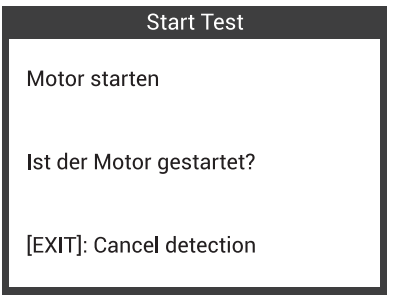
Mit dieser Funktion können Sie die Batteriespannung in Echtzeit ablesen.

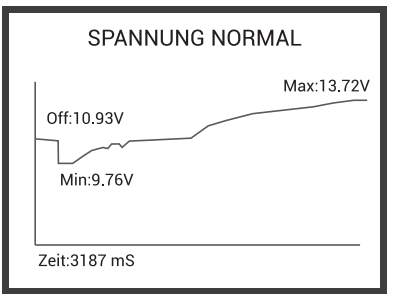




Wenn Sie [ENTER] drücken und die Erkennung starten, wird die Schnittstelle angezeigt:

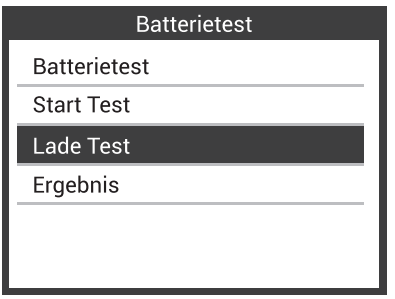


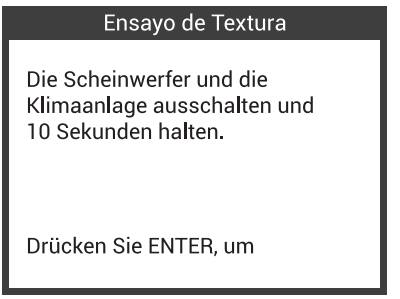


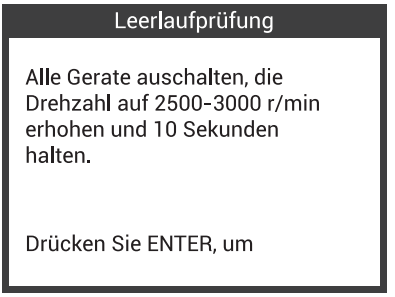


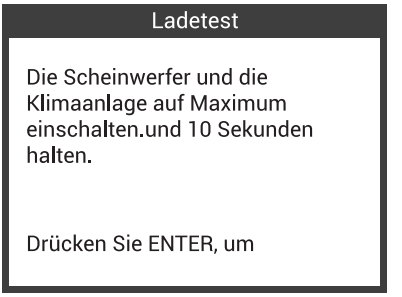
Lade test

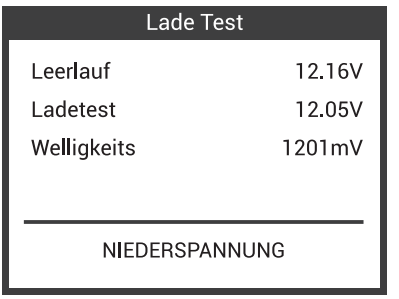
Drücken Sie auf „Ladetest“ und es wird Folgendes angezeigt:





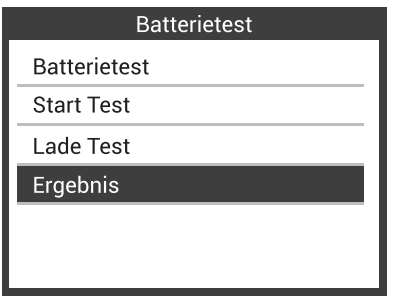


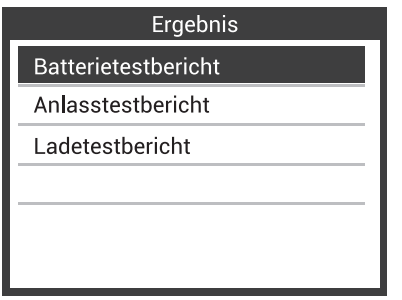


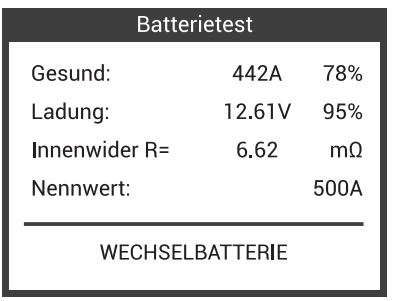


Ergebins

Wenn Sie auf Daten prüfen drücken, werden die Daten des letzten Batterietests wie folgt angezeigt:







Aktualisieren

1) Laden Sie die Update-Software herunter und entpacken Sie die Datei.
2) Verbinden Sie das Gerät über ein USB-Kabel mit dem Computer.
3) Die Update-Software wird nur vom 7/8/10/11 unterstützt. Bei Windows 7 müssen Sie den Treiber installieren, bei Windows 8/10/11 können Sie die Update-Software direkt ausführen.

Notiz:
Windows XP- und Apple-Computer unterstützen keine Upgrades.

Garantie

1) Diese Garantie ist auf die Person beschränkt, die ANCEL-Produkte kauft.
2) Für ANCEL-Produkte gilt eine Garantie für Material- und Verarbeitungsfehler für einen Zeitraum von einem Jahr (12 Monaten) ab Versanddatum an den Benutzer.

Precauciones de seguridad

Para evitar lesiones personales o daños a los vehículos y/o a la herramienta de escaneo, lea primero este manual de instrucciones y observe las siguientes precauciones de seguridad como mínimo siempre que trabaje en un vehículo:

- Realice siempre pruebas automotrices en un ambiente seguro.
- No intente operar ni observar la herramienta mientras conduce un vehículo. Operar u observar la herramienta distraerá al conductor y podría causar un accidente fatal.
- Opere el vehículo en un área de trabajo bien ventilada: los gases de escape son venenosos.
- Mantenga la herramienta de escaneo seca, limpia y libre de aceite/agua o grasa.
- Utilice un detergente suave sobre un paño limpio para limpiar el exterior de la herramienta de escaneo, cuando sea necesario.
- Compruebe que la capa de aislamiento de las pinzas de la batería esté en condiciones normales (sin daños, desnudez o desconexión), en caso de descarga eléctrica.
- NO fume, provoque chispas ni encienda cerillas cerca de la batería durante la prueba.
- NO retire las abrazaderas de la batería durante la prueba.
- NO coloque el probador en un ambiente muy húmedo y polvoriento.
- NO desmonte el probador, ya que podría causar daños.

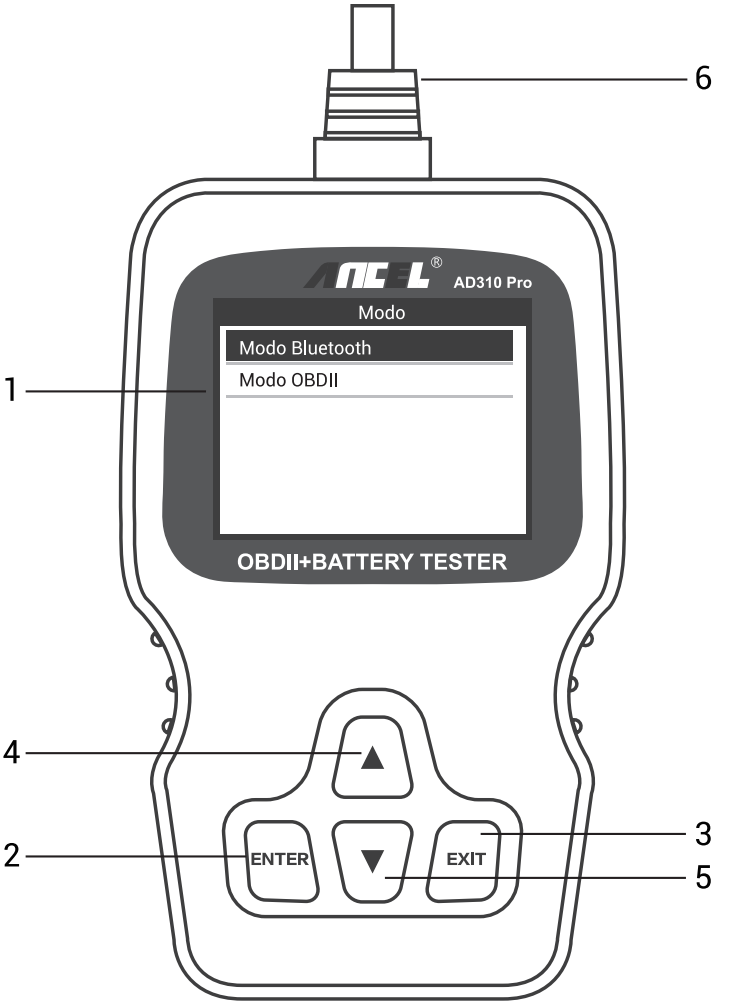
Perfil del producto

AD310 Pro es un dispositivo de diagnóstico 3 en 1 de nueva generación que puede mostrar funciones OBDII y datos de prueba de batería directamente en la pantalla del escáner.
También puede mostrar funciones OBDII vía Bluetooth en la pantalla de un dispositivo Android o IOS.

Especificaciones del producto

1) Voltaje de funcionamiento: CC 8-18 V.
2) Temperatura de funcionamiento: 0 a 60°C (32 a 140°F).
3) Temperatura de almacenamiento: -20 a 70°C (-4 a 158°F).
4) Alimentación externa: alimentación de 8,0 a 18,0 V proporcionada a través de la batería del vehículo.

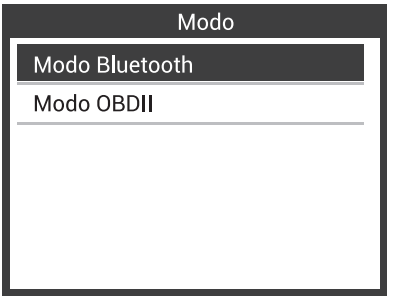
Descripción de la herramienta - ANCEL AD310 Pro



1) PANTALLA LCD: muestra los resultados de la prueba. Pantalla LCD QVGA de 2,4" TFT 262K en color verdadero, 320*240.
2) BOTÓN INTRO: Confirma una selección (o acción) de un menú.
3) BOTÓN SALIR: cancela una selección (o acción) de un menú o regresa al menú. También se utiliza para salir de la pantalla de búsqueda de DTC.
4) BOTÓN DE DESPLAZAMIENTO ARRIBA: sube por los elementos del menú y del submenú en el modo de menú. Cuando se recupera más de una pantalla de datos, sube de la pantalla actual a las pantallas anteriores para obtener datos adicionales.

5) BOTÓN DE DESPLAZAMIENTO ABAJO: se mueve hacia abajo a través de los elementos del menú y submenú en el modo de menú. Cuando se recupera más de una pantalla de datos, baja de la pantalla actual a las siguientes pantallas para obtener datos adicionales.
6) CONECTOR OBD II: conecta la herramienta de escaneo al conector de enlace de datos (DLC) del vehículo.

Función Bluetooth OBDII (Establecer el modo Bluetooth)



DESCARGAR APLICACIÓN

1. Escanee el código QR a continuación para descargar el software para Android e iOS.

ANCEL
Official Website

for Android

for iOS

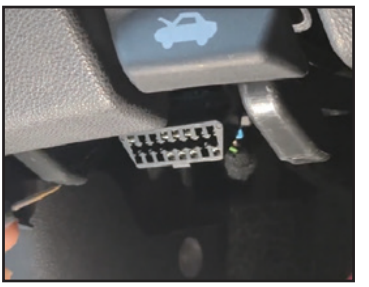
2. iOS se puede descargar desde la tienda de aplicaciones buscando la palabra clave "ANCEL".

3. Android se puede descargar desde Google Play buscando la palabra clave "ANCEL".

Nota: Este producto solo admite la conexión de la APLICACIÓN ANCEL y no es compatible con ninguna otra APLICACIÓN.

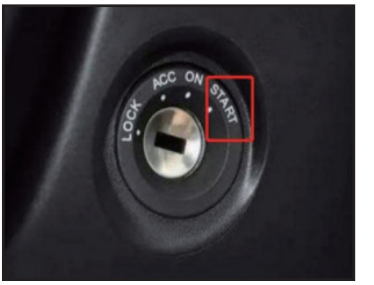
Instrucciones de operación

1) Busque el conector de enlace de datos (DLC) de 16 pines del vehículo.



2) Arranque el vehículo.



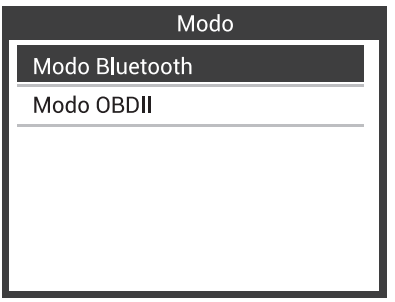


3) Conecte el producto a la interfaz OBDII del vehículo.



4) Presione ENTER para ingresar al menú de modo. Utilice el botón de desplazamiento ARRIBA/ABAJO para seleccionar Modo en el menú.



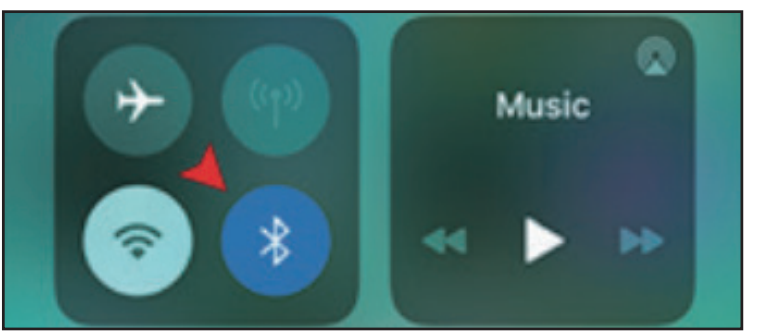




Modo Bluetooth (conéctese a la aplicación móvil para diagnóstico)

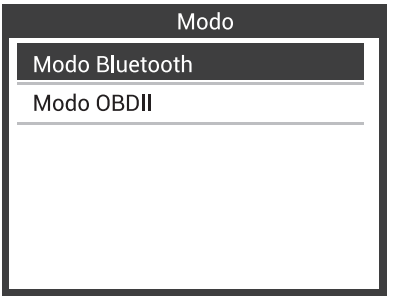
Conexión Bluetooth para dispositivos iOS

1) Active Bluetooth en su teléfono.
Arrástrelo desde abajo hacia arriba o desde arriba a la derecha hacia abajo de la pantalla para abrir el menú contextual. Toque el ícono de Bluetooth para encenderlo. Para celulares con versión iOS 13 y superior, también debes activar Bluetooth en la configuración de privacidad del sistema.



2) bra la APLICACIÓN "ANCEL" y asegúrese de que el dispositivo portátil esté en modo Bluetooth cuando se conecte a la APLICACIÓN.







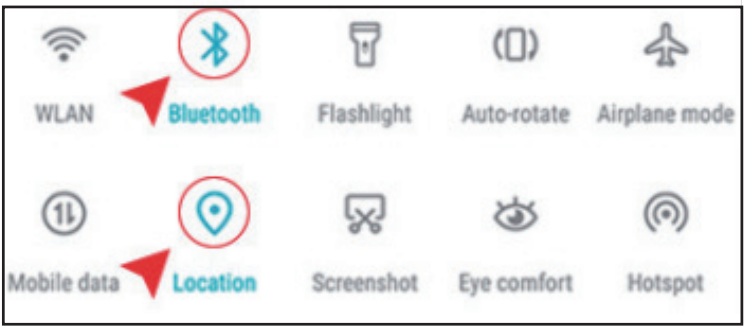
3) La aplicación se conectará automáticamente al dispositivo. Durante el proceso de conexión, asegúrese de que ningún otro teléfono se haya conectado al dispositivo. Cuando aparece el mensaje "Conectado correctamente", el producto se puede utilizar normalmente.





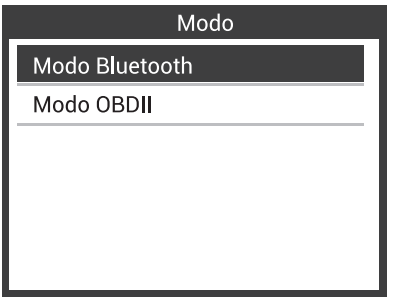
Conexión Bluetooth para dispositivos Android

1) Encienda Bluetooth y el interruptor de Ubicación en el teléfono.



2) Abra la APLICACIÓN "ANCEL" y asegúrese de que el dispositivo portátil esté en modo Bluetooth cuando se conecte a la APLICACIÓN.







3) La aplicación se conectará automáticamente al dispositivo. Durante el proceso de conexión, asegúrese de que ningún otro teléfono se haya conectado al dispositivo. Cuando aparece el mensaje "Conectado correctamente", el producto se puede utilizar normalmente.





COMIENCE A USAR SU DISPOSITIVO

Después de la conexión Bluetooth, se iniciará el software de diagnóstico si su vehículo lo admite. Puede utilizar todas las funciones del dispositivo, p. La función OBDII estándar y otras funciones.

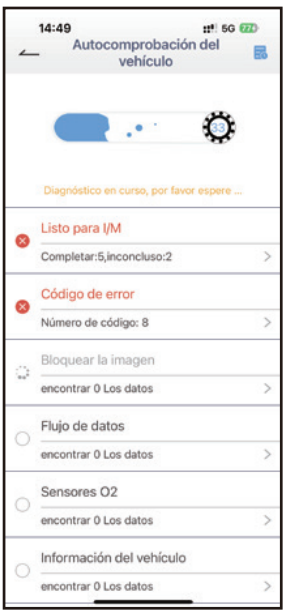




Autocomprobación del vehículo

Lea la preparación I/M del vehículo, códigos de problemas, flujos de datos y otra información con un solo clic.





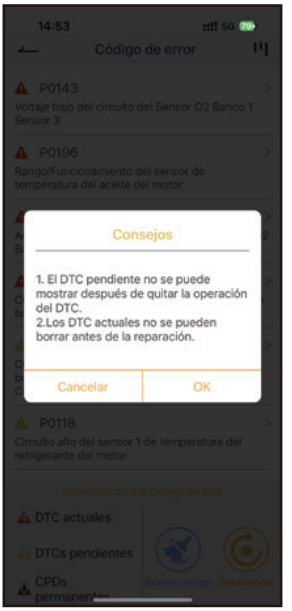
Código de error

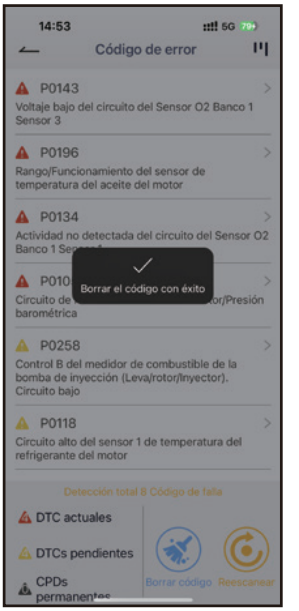
Las excelentes explicaciones de DTC le brindan definiciones de códigos de problema precisas y detalladas.





Utilice el botón Eliminar código para eliminar todos los DTC actuales y guardados del módulo de control.

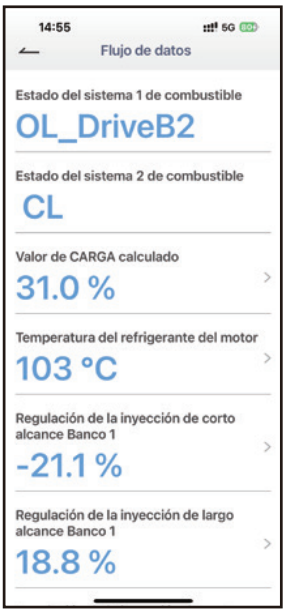


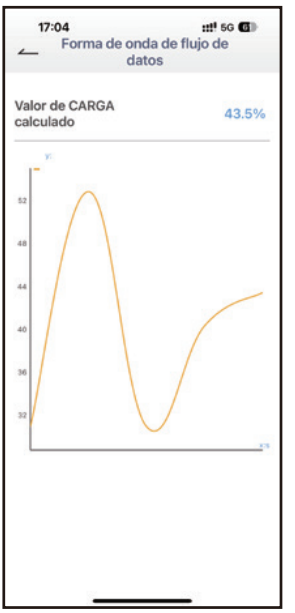


Flujo de datos

La función Ver flujo de datos le permite ver los datos PID de la unidad de control electrónico del vehículo en tiempo real.
Cuando hay una marca de flecha en el flujo de datos, el flujo de datos se muestra en forma de diagrama, como se muestra:



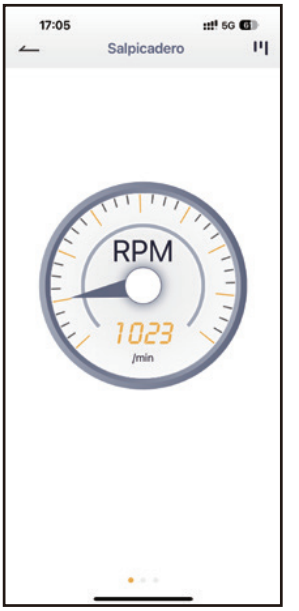


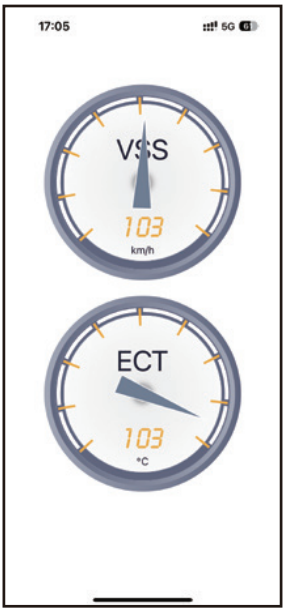


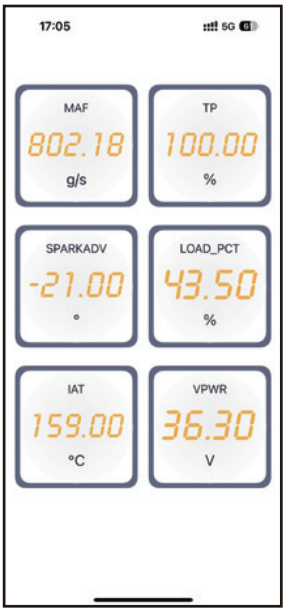
Salpicadero

Hay 3 estilos diferentes de visualización gráfica intuitiva.









Para personalizar su flujo de datos:
"Agregar página" - "Seleccione los estilos gráficos que desee" - "PID" "Seleccione el flujo de datos que necesita".
Mantenga presionado el gráfico para arrastrarlo a la ubicación deseada o eliminarlo.

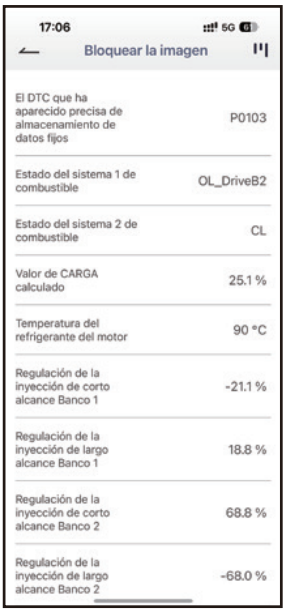




Bloquear la imagen

El menú Freeze Frame muestra datos de imagen congelada, una instantánea de las condiciones críticas de operación del vehículo registrada automáticamente por la computadora a bordo en el momento del registro del DTC. Esta es una buena función para determinar la causa de la falla.

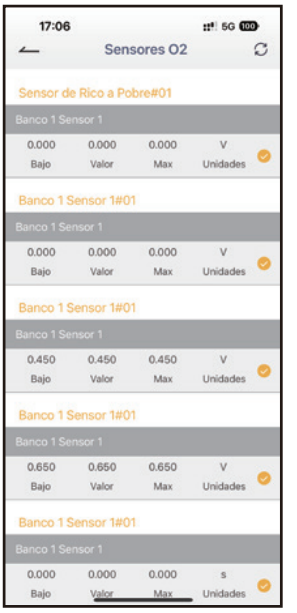




Sensores O2

Las regulaciones de OBD II requieren que ciertos vehículos monitoreen y prueben sensores de oxígeno (O2) para aislar fallas relacionadas con el combustible y las emisiones. La función de prueba del monitor de O2 le permite ver los resultados de las pruebas de monitoreo del sensor de O2.

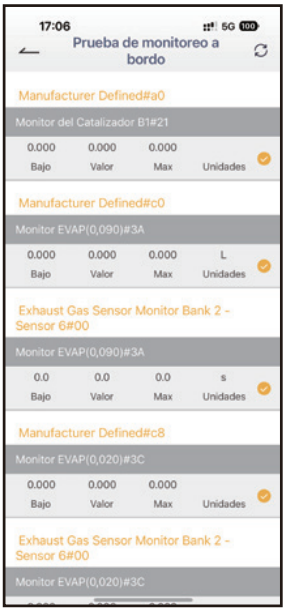




Prueba de monitoreo a bordo

Esta función le permite leer los resultados del monitoreo de diagnóstico a bordo. Prueba de componentes/sistemas específicos.



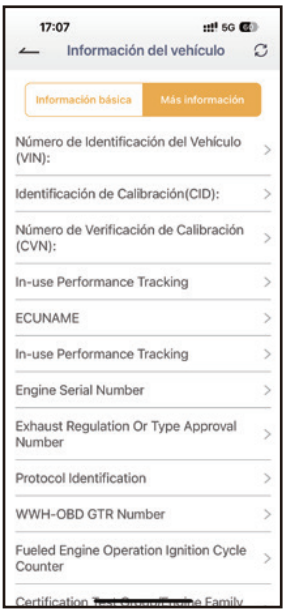


Información del vehiculo

La información del vehículo permite la recuperación del número VIN del vehículo, los ID del número de calibración que identifican la versión de software de los módulos de control del vehículo, los números de verificación de calibración (CVN) y el seguimiento del desempeño en servicio para vehículos que cumplen con OBD. modelo del año 2000 y posteriores. Los CVN son valores calculados exigidos por OBD II. Se informan para verificar que se hayan modificado las calibraciones relacionadas con las emisiones. Se pueden informar múltiples CVN para un módulo de control. Calcular el CVN puede tardar varios minutos. El seguimiento del rendimiento en funcionamiento rastrea el rendimiento de los monitores de reserva clave.


17:06
5G
OBD II
Autocomprobación del vehículo
Código de error
Flujo de datos
Salpicadero
Bloquear la imagen
Sensores O2
Prueba de monitoreo a bordo
Información del vehículo
Prueba de rendimiento
Ruta
Listo para I/M
Sistema EVAP

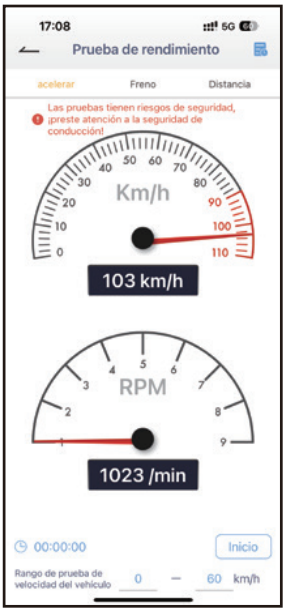

17:07
5G
Información del vehículo
Información básica
Más información
Número de identificación del vehículo
VIN:
1A1JC5444R7252367
ID de calibración de la ECU
CID1:
JMB*36761500
Número de verificación de calibración
CVN1:
1791BC82
CVN2:
16E062BE


17:07
5G
Información del vehículo
Información básica
Más información
Número de Identificación del Vehículo (VIN):
Identificación de Calibración(CID):
Número de Verificación de Calibración (CVN):
In-use Performance Tracking
ECUNAME
In-use Performance Tracking
Engine Serial Number
Exhaust Regulation Or Type Approval Number
Protocol Identification
WWH-OBD GTR Number
Fueled Engine Operation Ignition Cycle Counter

Prueba de rendimiento

Verifique el estado de su vehículo, como aceleración, frenado y distancia.

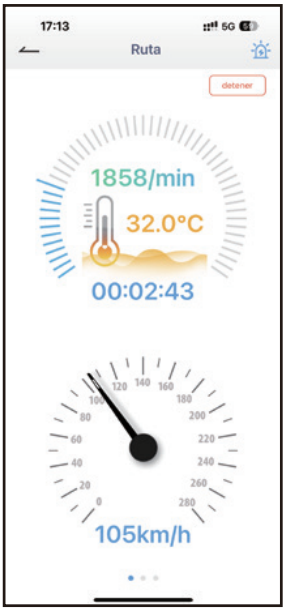




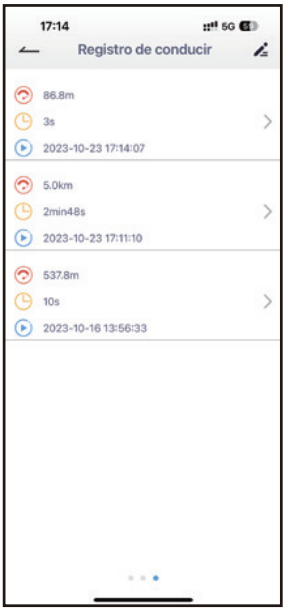
Ruta

Análisis de viaje exclusivo con tiempo, distancia, hora de inicio, tiempo de viaje, velocidad máxima, RPM de velocidad máxima, velocidad promedio, temperatura máxima y mínima del refrigerante, número de sobrevelocidad y número de frenadas rápidas. También podrás grabar, guardar, imprimir y compartir los viajes para tu propio análisis o con tu mecánico.


17:06
OBD II
Autocomprobación del vehículo
Código de error
Flujo de datos
Salpicadero
Bloquear la imagen
Sensores O2
Prueba de monitoreo a bordo
Información del vehículo
Prueba de rendimiento
Ruta
Listo para I/M
Sistema EVAP


17:13
Ruta
detener
1858/min
32.0°C
00:02:43
105km/h

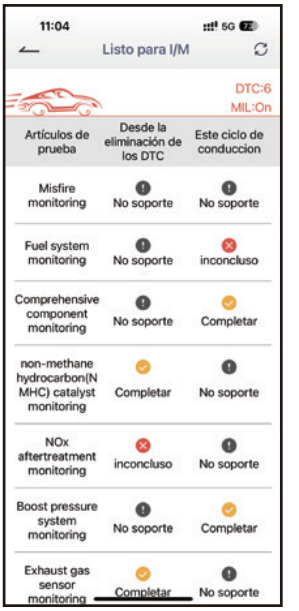

17:14
Estado de conducción
tiempo: 00:00:03
Distancia: 86.8 m
Inicio
tiempo
Hora de inicio 17:14:07
Tiempo de inactividad 00:00:00
ECT
El más alto: 32 °C
El mas bajo: 32 °C
Mayor velocidad 105 km/h
El RPM más alto 1853/min
Velocidad media 104 km/h
Número de frenado rápido 0


17:14
Registro de conducir
86.8m
3s
2023-10-23 17:14:07
5.0km
2min48s
2023-10-23 17:11:10
537.8m
10s
2023-10-16 13:56:33

Listo para I/M

La opción I/M Readiness le permite ver una instantánea de las operaciones del sistema de escape en vehículos OBDII/EOBD.





Prueba o componente (Sistema EVAP)

El sistema OBD2 monitorea el sistema de combustible en busca de fugas de vapor de combustible para garantizar que no se filtren hidrocarburos (HC) a la atmósfera. El monitor EVAP hace dos cosas:

1. Asegúrese de que el vapor de gasolina se envíe al tubo de admisión en el momento adecuado y se mezcle con el aire para ingresar al motor para la combustión.
2. Evite que el vapor de combustible en la tubería de combustible se filtre a la atmósfera y contamine el medio ambiente.

Función de prueba EVAP: el dispositivo de diagnóstico externo no puede controlar el control de evaporación de combustible (EVAP) del sistema OBD y el dispositivo de diagnóstico solo muestra su estado y los resultados de la prueba.

Si el automóvil admite esta función, se mostrará como se muestra a continuación:





Nota: Con respecto a las funciones de prueba del monitor a bordo y prueba de componentes (prueba EVAP), estas dos funciones están sujetas a la prueba actual. Algunos vehículos admiten estas dos funciones y el software del producto las muestra, mientras que otros vehículos no las admiten y el software del producto no las muestra.

Control de BAT

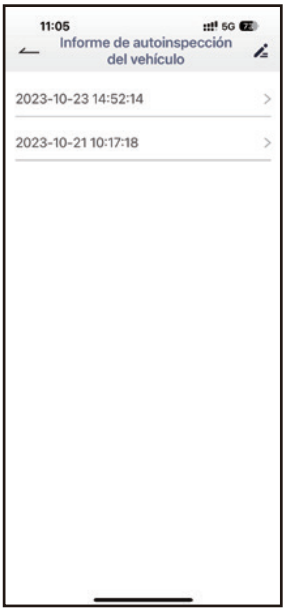
Muestre gráficamente el voltaje de la batería en tiempo real para recuperar y analizar una tendencia de duración de la batería más precisa y monitorear el estado de salud.



Informe

Puede exportar informes de diagnóstico y compartirlos en las redes sociales.









Mi Vehicule

Puede seleccionar o eliminar la información sobre su vehículo. Condiciones para vehículos recién añadidos:

1. Si se puede leer el código VIN del vehículo recién agregado, se puede agregar el vehículo.
2. Si no se puede leer el código VIN del vehículo recién agregado, aparecerá un cuadro de entrada cuando el dispositivo se comunique con el vehículo y deberá agregar la información del vehículo recién agregado manualmente.
3. Si el usuario tiene un solo vehículo y desea agregar varios vehículos: No se permite la aplicación.

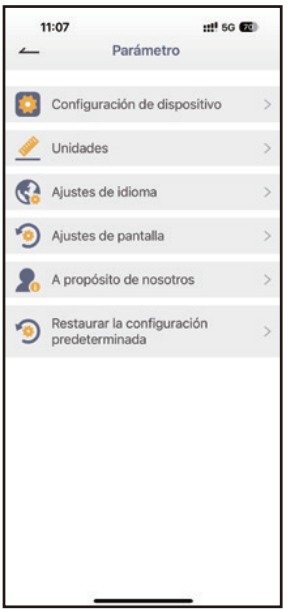

16:27
5G
ANCEL AD310 Pro
El dispositivo está conectado
Real
n
Ayudar
Informe
Diagnóstico
Control de
BAT
Mi vehiculo
Parámetro


11:07
5G
Información del vehículo
APELLIDO
Car4
Número de identificación del vehículo
1A1JC5444R7252367
Fabricante
MODELO
Capacidad del motor
AÑO
Tipo de vehículo
Tipo de combustible


11:07
5G
Información del vehículo
editar
Borrar
Informe
APELLIDO
Car4
Número de identificación
1A1JC5444R7252367
Fabricante
MODELO
Capacidad del motor
AÑO
Tipo de vehículo
Tipo de combustible

Parámetro

Configuración del dispositivo/Unidades/Ajustes de idioma/Ajustes de pantalla/A propósito de nosotros/Restaurar la configuración predeterminada.



Realimentación

You can send us feedback if you have problems using it. To do so, fill out and submit the feedback form.



Función BAT + función OBDII (establecer modo OBDII)

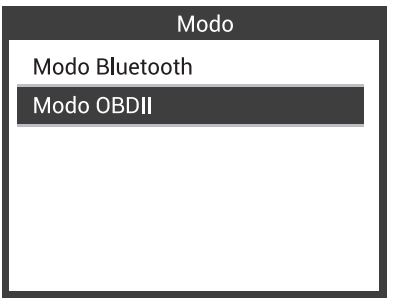
Función OBDII

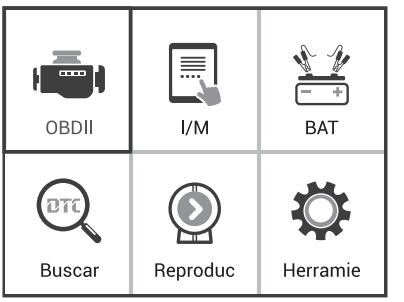
Conecte el producto a la interfaz OBDII del vehículo.



Presione ENTER para ingresar al menú de modo. Utilice el botón de desplazamiento ARRIBA/ABAJO para seleccionar Modo en el menú.





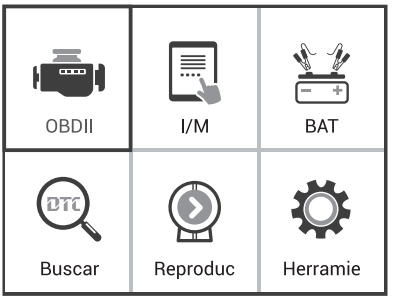


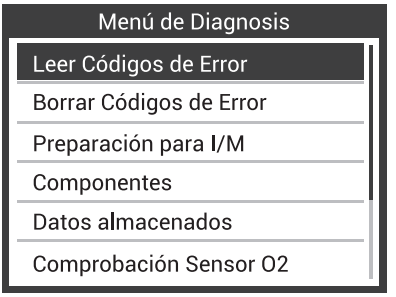
Introducción al menú principal

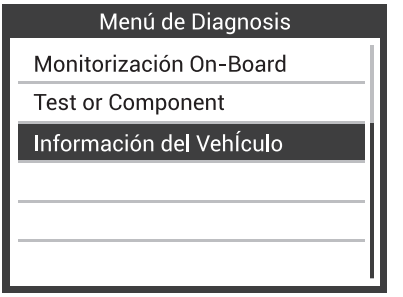
Función OBDII

El error en el sistema de escape del motor que se muestra en la ilustración se puede diagnosticar a través del menú OBDII; no se admiten otros errores del sistema.
Consejos: La función OBDII portátil es la misma que la función OBDII de la APLICACIÓN portátil, solo la pantalla es diferente.



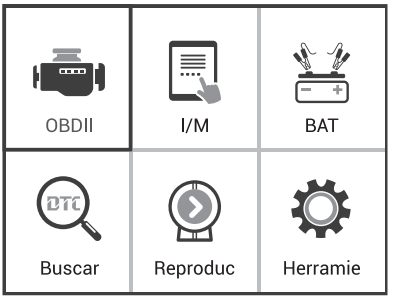


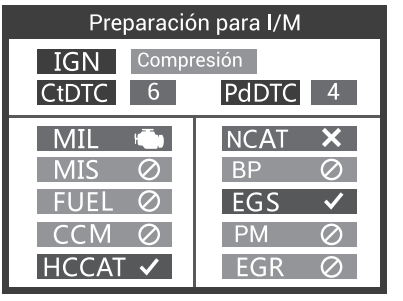




I/M function

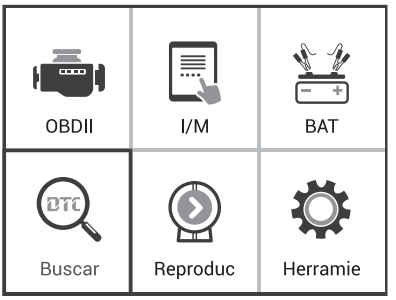
Esta es una de las funciones de OBDII.

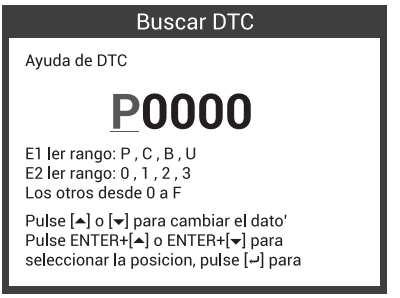


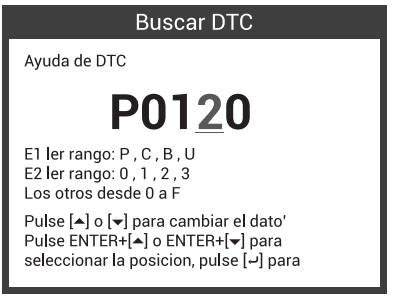


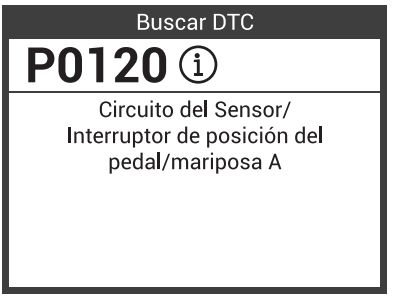
Buscar

La función de búsqueda de DTC le permite buscar definiciones de códigos almacenados en la biblioteca de códigos integrada.



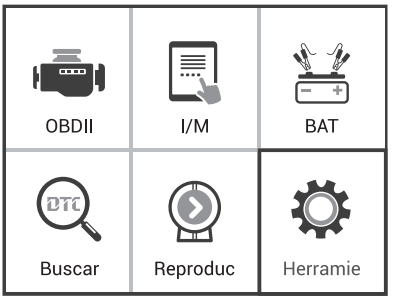






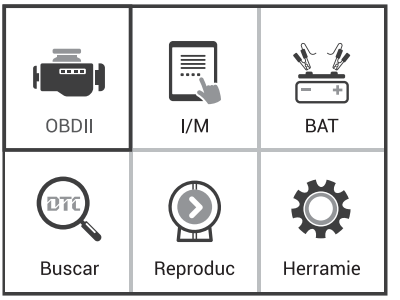
Reproducir Datos

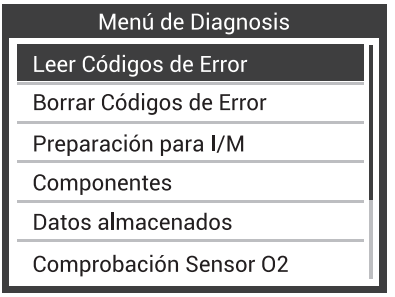
Esta función le permite revisar los DTC registrados. Si el vehículo tiene códigos de falla del motor, active el registro y regrese al menú, seleccione la función de lectura de códigos en OBDII para leer el código de falla y finalmente podrá ver el código de falla registrado en el menú de revisión.

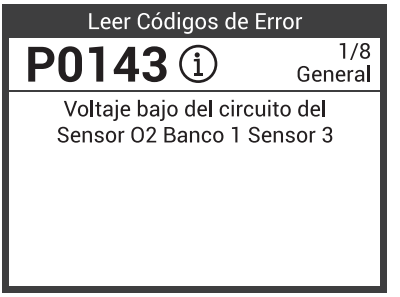


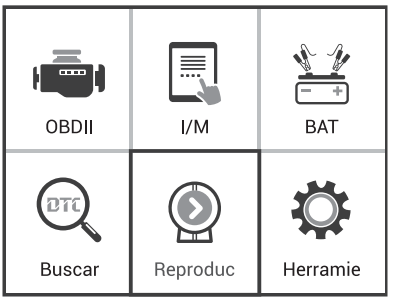


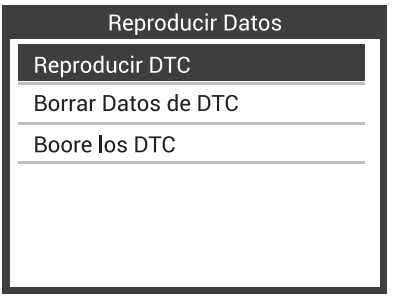

Grabar
OFF
ON

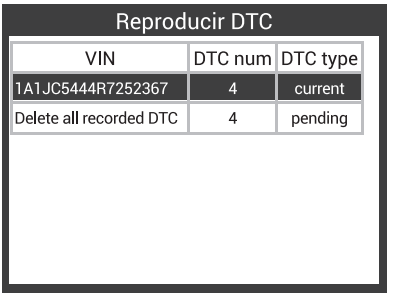

OBDII
I/M
BAT
Buscar
Reproduc
Herramie


Menú de Diagnosis
Leer Códigos de Error
Borrar Códigos de Error
Preparación para I/M
Componentes
Datos almacenados
Comprobación Sensor O2


Leer Códigos de Error
P0143
1/8
General
Voltaje bajo del circuito del
Sensor O2 Banco 1 Sensor 3

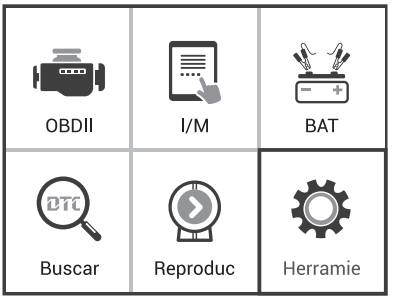

OBDII
I/M
BAT
Buscar
Reproduc
Herramie


Reproducir Datos
Reproducir DTC
Borrar Datos de DTC
Boore los DTC

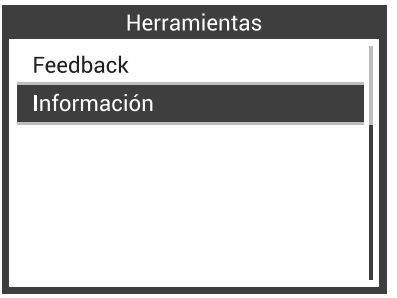

Reproducir DTC
VIN
DTC num
DTC type
1A1JC5444R7252367
4
current
Delete all recorded DTC
4
pending

Herramientas

Menú Idioma / Unidad de medida / Pitido / Grabar / Fondo / Suspender inmediatamente / Comentarios / Información de herramienta.
Si encontramos problemas, podemos activar la función de retroalimentación para informar datos.



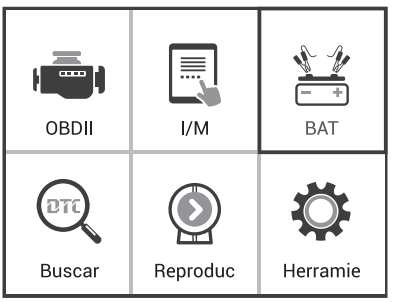


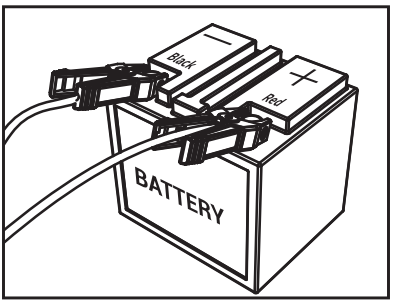


BAT function

Preparativos antes de la prueba

Si está realizando la prueba en el vehículo, asegúrese de que todas las cargas de accesorios estén apagadas, que la llave no esté en el encendido y que las puertas estén cerradas.
Conexión del probador
1) Conecte la pinza roja al terminal positivo (+) y la pinza negra al terminal negativo (-).





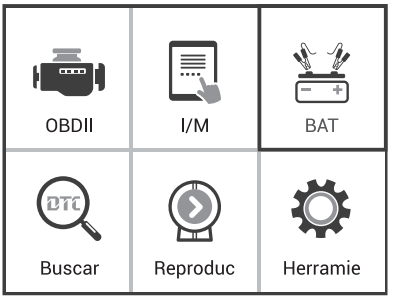
2) Para una conexión adecuada, mueva las abrazaderas hacia adelante y hacia atrás. El probador requiere que ambos lados de cada abrazadera estén firmemente conectados antes de realizar la prueba.

Antes de la prueba

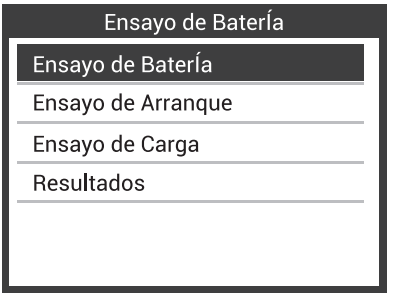
El motor y todas las demás cargas accesorias deben estar APAGADOS durante la prueba para obtener resultados precisos. Encienda los faros del vehículo durante 2 a 3 minutos hasta que el voltaje de la batería vuelva a su valor normal si la batería recién está completamente cargada.

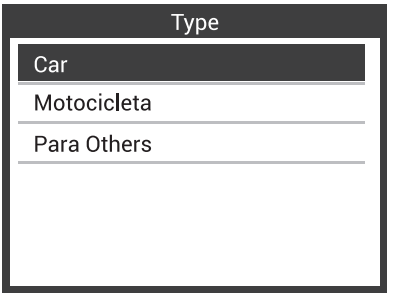
Ensayo de Batería

Desde el menú principal, utilice las teclas de navegación HOJA / DERECHA para seleccionar el menú BAT y presione la tecla ENTER. La pantalla mostrará la interfaz que se muestra a continuación:









Prueba cada batería de acuerdo con el estándar del sistema real seleccionado y la clasificación marcada en la batería, para obtener resultados precisos.

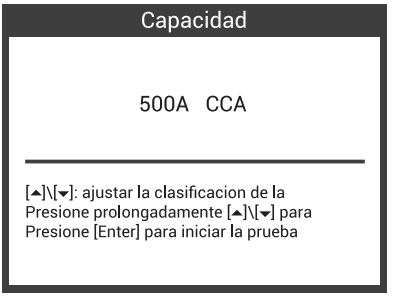
Estándar	Descripción	Rango
CCA	Amperios de arranque en frío, según lo especificado por SAE. clasificación más común para baterías de arranque en 0°F (-17.8°C).	100-2000
DIN	Norma de la Industria Alemana.	100-1400
JIS	Estándar industrial japonés, que se muestra en una batería como una combinación de números y letras.	26A17-N200Z

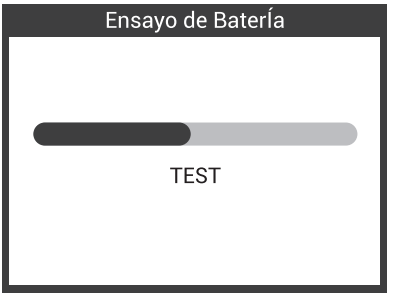
EN	Europa-Norma.	100-2000
IEC	Comisión Electrotécnica Internacional.	100-1400
SAE	Estándar de la Sociedad de Ingenieros Automotrices.	100-2000
MCA	Valor de corriente de arranque efectivo estándar de amperios de arranque marino en 0°C.	100-2000
BCI	Estándar internacional del Battery Council.	100-2000
CA	Amperios de arranque estándar, valor de corriente de arranque efectivo en 0 °C.	100-2000
GB	Estándar Nacional de China.	30-220Ah

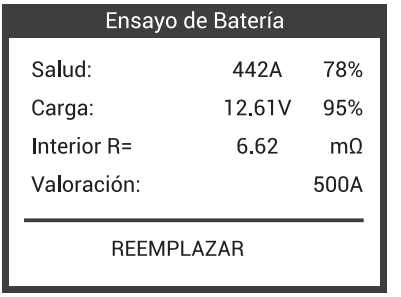
Tipo de batería: Desplácese y seleccione Regular inundada, Placa plana AGM o Espiral AGM, si corresponde.









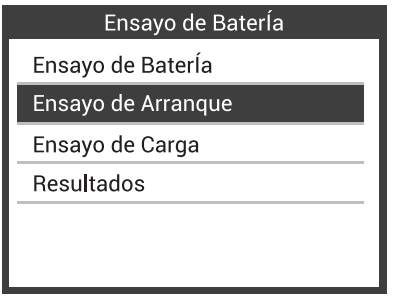


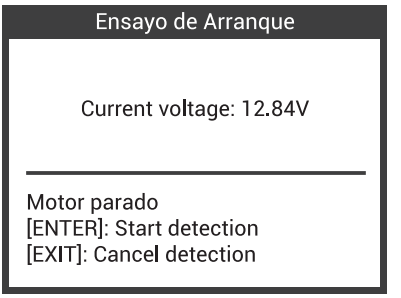
Resultados de la prueba de batería

Decisión	Interpretación
BUENA BATERÍA	Vuelva a utilizar la batería.
BUENA RECARGA	Cargue completamente la batería y vuelva a utilizarla.
CARGAR Y VOLVER A PROBAR	Cargue completamente la batería y vuelva a realizar la prueba. No cargar completamente la batería antes de volver a realizar la prueba puede provocar resultados inexactos. Si aparece CHARGE&RETEST nuevamente después de cargar completamente la batería, reemplácela.
REEMPLAZAR LA BATERÍA	Reemplace la batería y vuelva a realizar la prueba. Un resultado de REEMPLAZAR BATERÍA también puede significar una mala conexión entre los cables de la batería y la batería. Después de desconectar los cables de la batería, vuelva a probar la batería mediante la prueba fuera del vehículo antes de reemplazarla.
MAL REEMPLAZO DE CELDA	Reemplace la batería y vuelva a realizar la prueba.

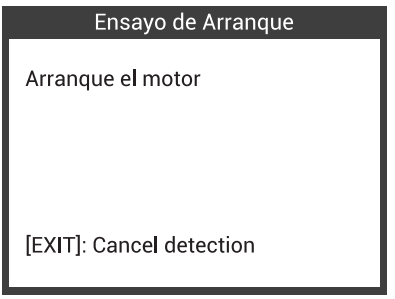
Ensayo de Arranque

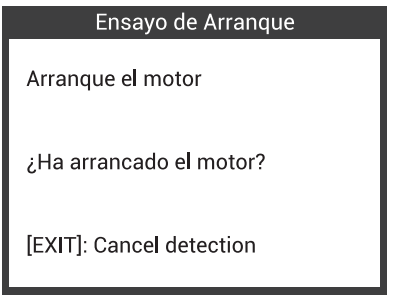
Con esta función podrás leer el voltaje de la batería en tiempo real.

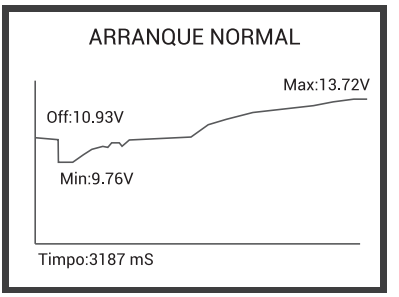




Si presiona [ENTER] e inicia la detección, se mostrará la interfaz:

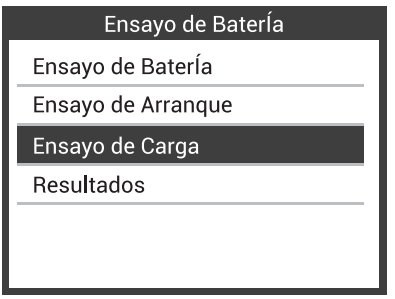


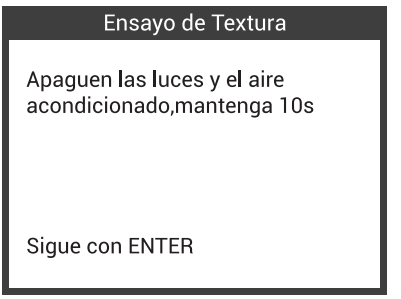


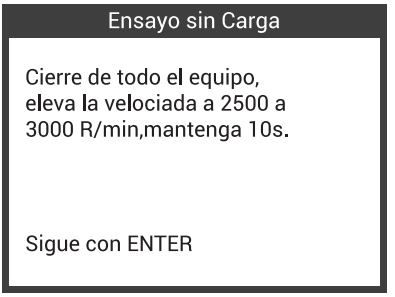


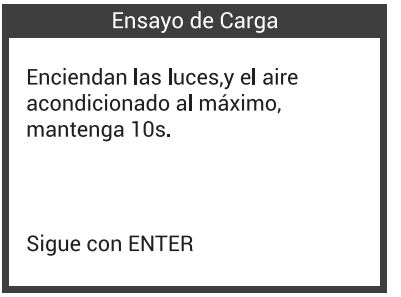
Ensayo de Carga

Presione prueba de carga y mostrará:





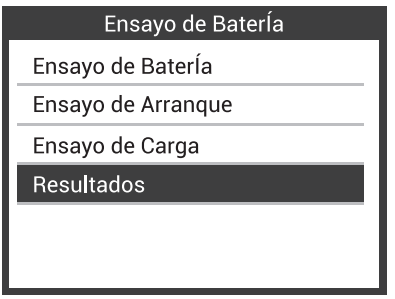


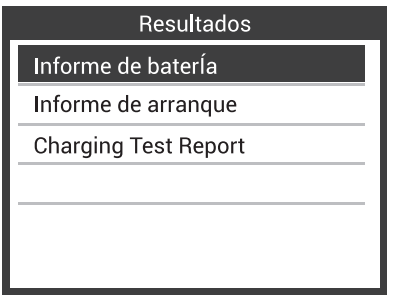


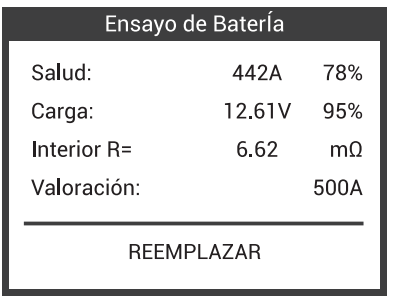


Resultados

Al presionar Verificar datos, los datos de la última prueba de batería se muestran de la siguiente manera:







Actualizar

1) Descargue el software de actualización y descomprima el archivo.
2) Conecte el dispositivo a la computadora mediante un cable USB.
3) El software de actualización solo es compatible con el 8/7/10/11. En Windows 7, necesita instalar el controlador; en Windows 8/10/11, puede ejecutar el software de actualización directamente.

Nota:
Las computadoras con Windows XP y Apple no admiten actualizaciones.

Garantía

1) Esta garantía está limitada a la persona que adquiere los productos ANCEL.
2) Los productos ANCEL están garantizados contra defectos de materiales y mano de obra por un período de un año (12 meses) a partir de la fecha de envío al usuario.

Misure di sicurezza

Per prevenire lesioni personali o danni ai veicoli e/o allo strumento di scansione, leggere prima questo manuale di istruzioni e osservare almeno le seguenti precauzioni di sicurezza ogni volta che si lavora su un veicolo:

- Eseguire sempre i test automobilistici in un ambiente sicuro.
- Non tentare di utilizzare o osservare lo strumento durante la guida di un veicolo. L'utilizzo o l'osservazione dell'utensile causerà la distrazione del conducente e potrebbe provocare un incidente mortale.
- Utilizzare il veicolo in un'area di lavoro ben ventilata: i gas di scarico sono velenosi.
- Mantenere lo strumento di scansione asciutto, pulito, privo di olio/acqua o grasso.
- Se necessario, utilizzare un detergente delicato su un panno pulito per pulire la parte esterna dello strumento di scansione.
- Controllare che lo strato isolante dei morsetti della batteria sia in condizioni normali (nessun danno, nudo o scollegato), in caso di scossa elettrica.
- NON fumare, provocare scintille o accendere fiammiferi vicino alla batteria durante il test.
- NON rimuovere i morsetti della batteria durante il test.
- NON mettere il tester in un ambiente altamente umido e polveroso.
- NON smontare il tester per evitare danni.

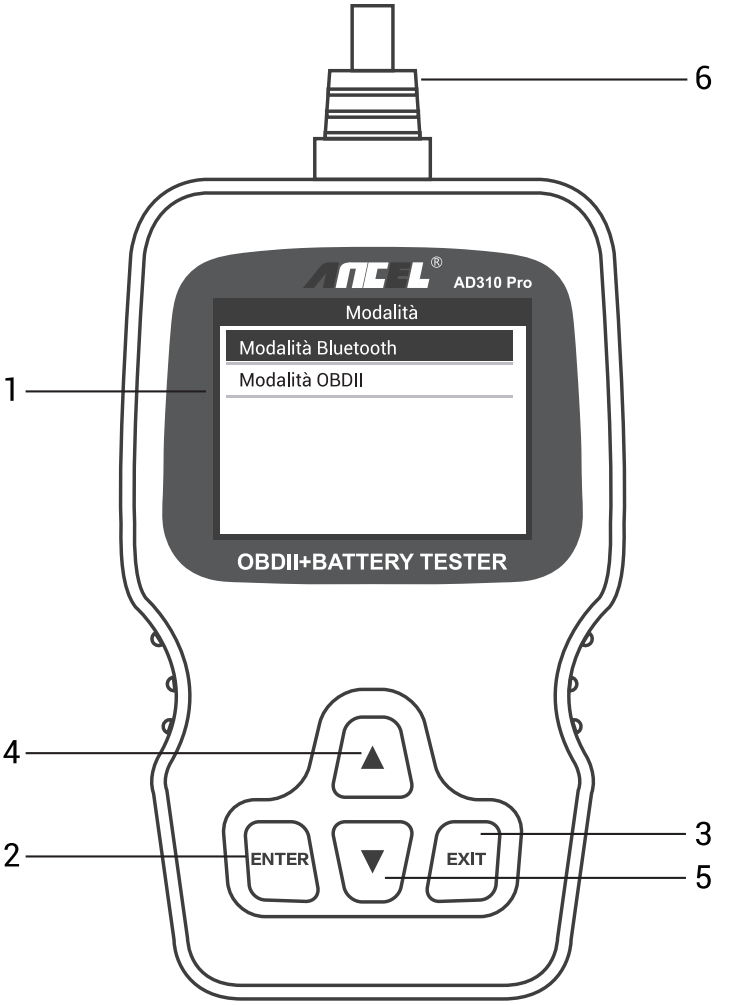
Profilo del prodotto

AD310 Pro è un dispositivo diagnostico 3 in 1 di nuova generazione in grado di visualizzare le funzioni OBDII e i dati di test della batteria direttamente sullo schermo dello scanner.
Può anche visualizzare le funzioni OBDII tramite Bluetooth sullo schermo di un dispositivo Android o IOS.

Specifiche di prodotto

1) Tensione operativa: CC 8-18 V.
2) Temperatura operativa: da 0 a 60°C (da 32 a 140°F).
3) Temperatura di conservazione: da -20 a 70°C (da -4 a 158°F).
4) Alimentazione esterna: alimentazione da 8,0 a 18,0 V fornita tramite la batteria del veicolo.

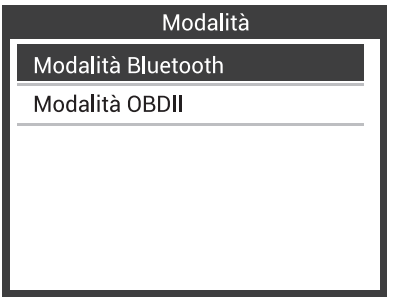
Descrizione dello strumento - ANCEL AD310 Pro



1) DISPLAY LCD - Visualizza i risultati del test. Display LCD TFT da 2,4" a colori reali 262K, 320*240 QVGA.
2) PULSANTE ENTER – Conferma una selezione (o azione) da un menu.
3) PULSANTE EXIT – Annulla una selezione (o un'azione) da un menu o ritorna al menu. Viene utilizzato anche per uscire dalla schermata di ricerca DTC.
4) PULSANTE DI SCORRIMENTO SU – Consente di spostarsi verso l'alto attraverso le voci di menu e sottomenu in modalità menu. Quando viene recuperata più di una schermata di dati, passa

dalla schermata corrente alle schermate precedenti per ulteriori dati.
5) PULSANTE DI SCORRIMENTO GIÙ – Consente di spostarsi verso il basso attraverso le voci di menu e sottomenu in modalità menu. Quando viene recuperata più di una schermata di dati, passa dalla schermata corrente alle schermate successive per ulteriori dati.
6) CONNETTORE OBD II – Collega lo strumento di scansione al connettore di collegamento dati (DLC) del veicolo.

Funzione Bluetooth OBDII (imposta la modalità Bluetooth)



SCARICA L'APP

1. Scansiona il codice QR qui sotto per scaricare il software per Android e iOS.

ANCEL
Official Website

for Android

for iOS

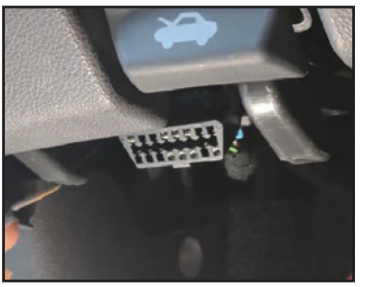
2. iOS può essere scaricato dall'APP store cercando la parola chiave " ANCEL ".

3. Android può essere scaricato da Google Play cercando la parola chiave "ANCEL".

Nota: questo prodotto supporta solo la connessione dell'APP ANCEL e non è compatibile con altre APP.

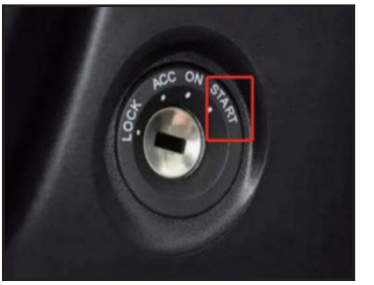
Istruzioni operative

1) Trova il connettore di collegamento dati a 16 pin del veicolo (DLC).



2) Avviare il veicolo.



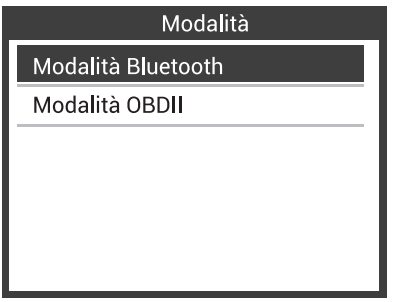


3) Collega il prodotto all'interfaccia OBDII del veicolo.



4) Premere ENTER per accedere al menu modalità. Utilizzare il pulsante di scorrimento SU/GIÙ per selezionare Modalità dal menu.



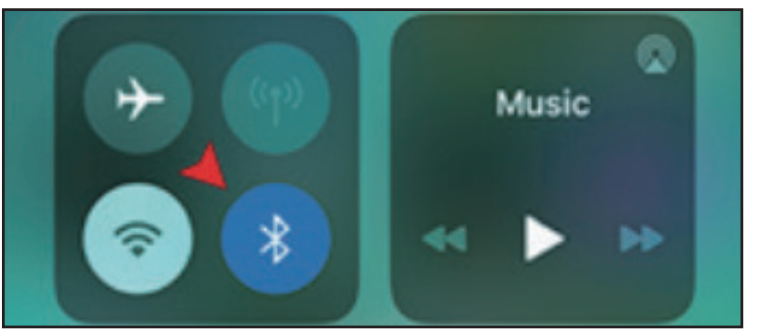




Modalità Bluetooth (collegamento all'APP mobile per la diagnosi)

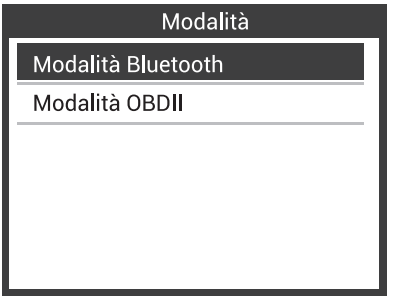
Connessione Bluetooth per dispositivi iOS

1) Attiva il Bluetooth sul tuo telefono.
Trascinalo dal basso verso l'alto o dall'alto a destra verso il basso dello schermo per aprire il menu contestuale. Tocca l'icona Bluetooth per accenderlo. Per i cellulari con versione iOS 13 e successive è necessario attivare anche il Bluetooth nelle impostazioni privacy del sistema.



2) Aprire l'APP "ANCEL" e assicurarsi che il dispositivo portatile sia in modalità Bluetooth quando si connette all'APP.







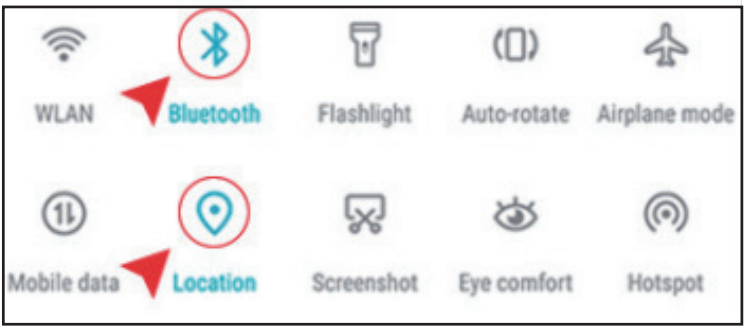
3) L'APP si connetterà automaticamente al dispositivo. Durante il processo di connessione, assicurarsi che nessun altro telefono sia connesso al dispositivo. Quando viene visualizzato il messaggio "Connessione riuscita", il prodotto può essere utilizzato normalmente.





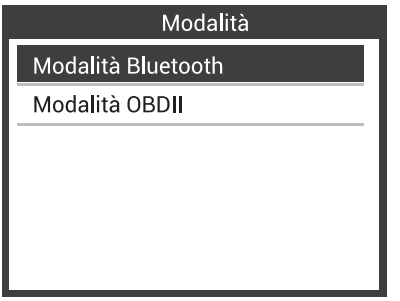
Connessione Bluetooth per dispositivi Android

1) Attiva il Bluetooth e l'interruttore Posizione sul telefono.



2) Aprire l'APP "ANCEL" e assicurarsi che il dispositivo portatile sia in modalità Bluetooth quando si connette all'APP.







3) L'APP si connetterà automaticamente al dispositivo. Durante il processo di connessione, assicurarsi che nessun altro telefono sia connesso al dispositivo. Quando viene visualizzato il messaggio "Connessione riuscita", il prodotto può essere utilizzato normalmente.





INIZIA A USARE IL TUO DISPOSITIVO

Dopo la connessione Bluetooth, il software diagnostico verrà avviato se il tuo veicolo lo supporta. È possibile utilizzare tutte le funzioni del dispositivo, ad es. la funzione OBDII standard e altre funzioni.

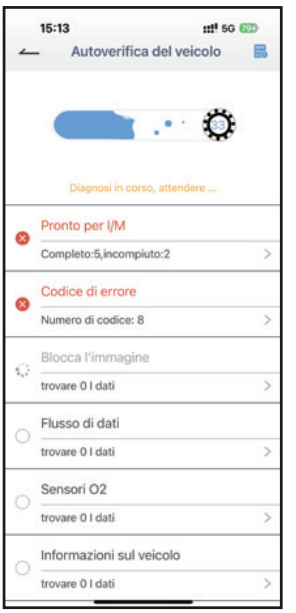




Autoverifica del veicolo

Leggi la disponibilità I/M del veicolo, i codici di guasto, i flussi di dati e altre informazioni con un clic.

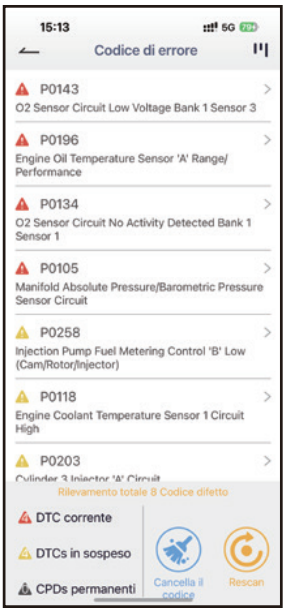




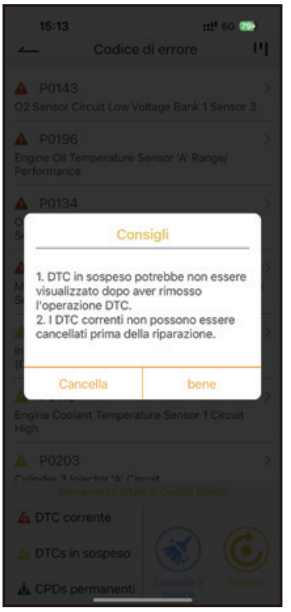
Codice di errore

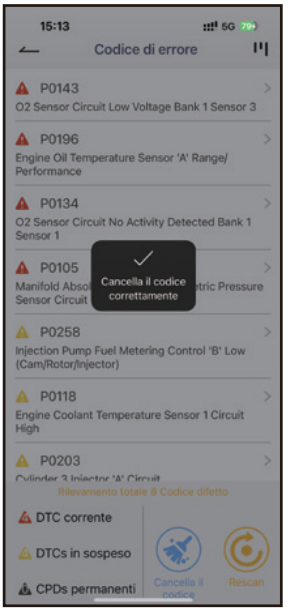
Eccellenti spiegazioni DTC forniscono definizioni accurate e dettagliate dei codici di errore.





Utilizzare il pulsante Elimina codice per eliminare tutti i DTC correnti e salvati dal modulo di controllo.

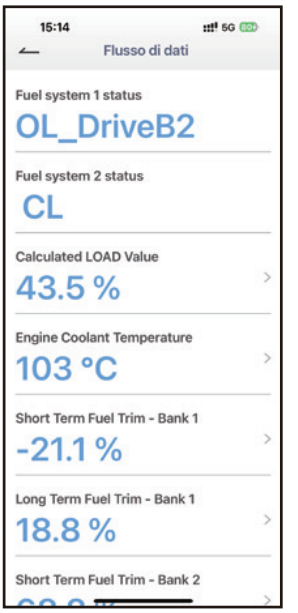


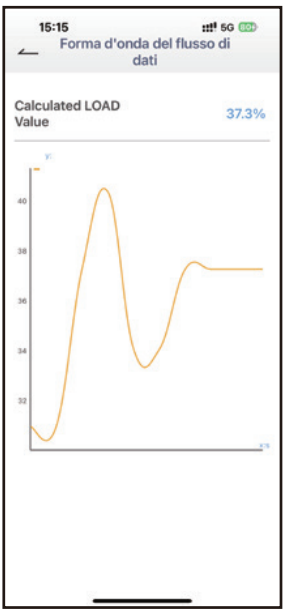


Flusso di dati

La funzione View Data stream permette di visualizzare in tempo reale i dati PID della centralina elettronica del veicolo.
Quando è presente una freccia nel flusso di dati, il flusso di dati viene visualizzato sotto forma di diagramma, come mostrato:



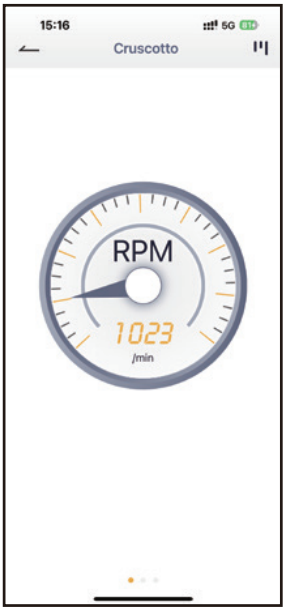


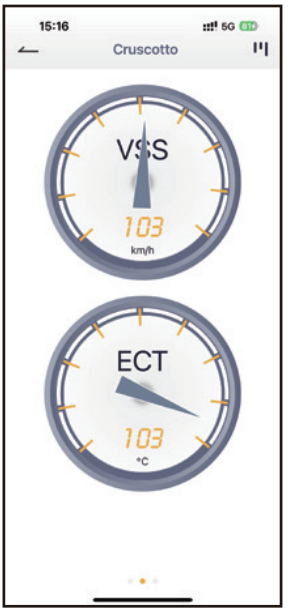


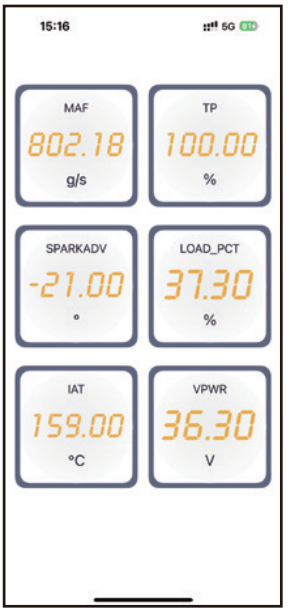
Cruscotto

Sono disponibili 3 diversi stili di display grafico intuitivo.









Per personalizzare il flusso di dati:
"Aggiungi pagina" - "Seleziona gli stili grafici che preferisci" - "PID" "Seleziona il flusso dati che ti serve".
Premere a lungo sull'immagine per trascinarla nella posizione desiderata o eliminarla.

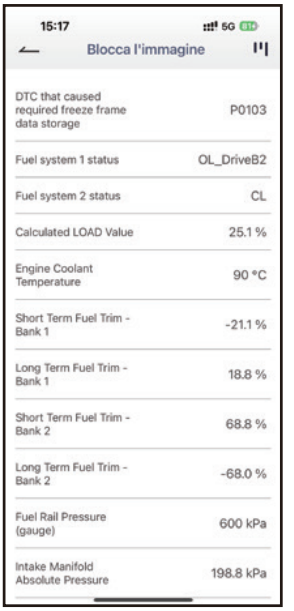




Blocca l'immagine

Il menu Fermo immagine visualizza i dati del fermo immagine, un'istantanea delle condizioni operative critiche del veicolo registrate automaticamente dal computer di bordo al momento della registrazione del DTC. Questa è una buona funzione per determinare la causa del guasto.

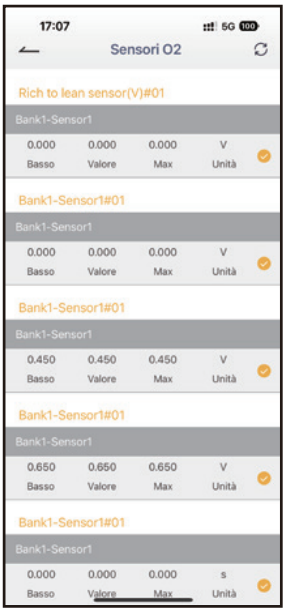




Sensori O2

I regolamenti dell'OBD II richiedono che alcuni veicoli monitorino e testino i sensori di ossigeno (O2) per isolare i guasti relativi al carburante e alle emissioni. La funzione Test monitoraggio O2 consente di visualizzare i risultati dei test di monitoraggio del sensore O2.

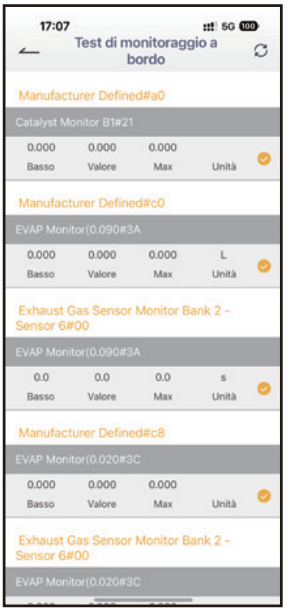




Test di monitoraggio a bordo

Questa funzione consente di leggere i risultati del monitoraggio diagnostico di bordo. Test per componenti/sistemi specifici.



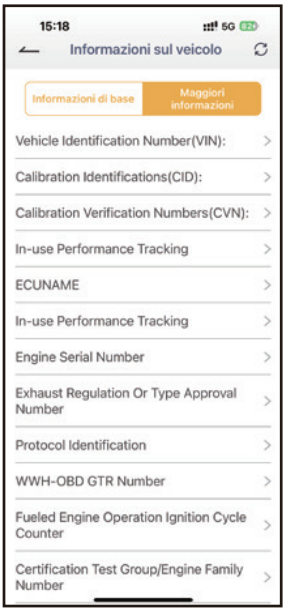


Informazioni sul veicolo

Le informazioni sul veicolo consentono di recuperare il numero VIN del veicolo, gli ID dei numeri di calibrazione che identificano la versione software dei moduli di controllo del veicolo, i numeri di controllo della calibrazione (CVN(s)) e il monitoraggio delle prestazioni in servizio per i veicoli conformi a OBD modello anno 2000 e successivi. I CVN sono valori calcolati imposti dall'OBD II. Sono segnalati per verificare che le calibrazioni relative alle emissioni siano state modificate. È possibile segnalare più CVN per un modulo di controllo. Potrebbero essere necessari diversi minuti per calcolare il CVN. Il monitoraggio delle prestazioni durante il funzionamento tiene traccia delle prestazioni dei principali monitor di standby.


17:07
OBD II
Autoverifica del veicolo
Codice di errore
Flusso di dati
Cruscotto
Blocca l'immagine
Sensori O2
Test di monitoraggio a bordo
Informazioni sul veicolo
Test delle prestazioni
Sentiero
Pronto per I/M
Sistema EVAP

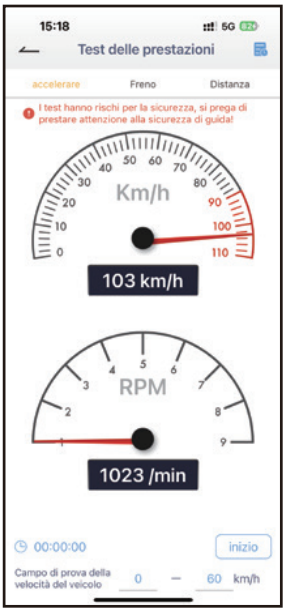

15:18
Informazioni sul veicolo
Informazioni di base
Maggiori informazioni
Numero di identificazione del veicolo
VIN:
1A1JC5444R7252367
ID calibrazione ECU
CID1:
JMB*36761500
Numero di verifica della calibrazione
CVN1:
4A4D422A
CVN2:
33363736


15:18
Informazioni sul veicolo
Informazioni di base
Maggiori informazioni
Vehicle Identification Number(VIN):
Calibration Identifications(CID):
Calibration Verification Numbers(CVN):
In-use Performance Tracking
ECUNAME
In-use Performance Tracking
Engine Serial Number
Exhaust Regulation Or Type Approval Number
Protocol Identification
WWH-OBD GTR Number
Fueled Engine Operation Ignition Cycle Counter
Certification Test Group/Engine Family Number

Test delle prestazioni

Controlla lo stato del tuo veicolo come accelerazione, frenata e distanza.

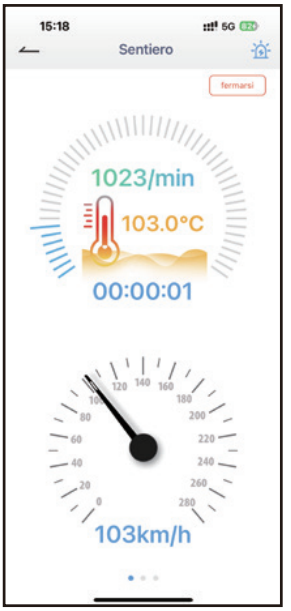


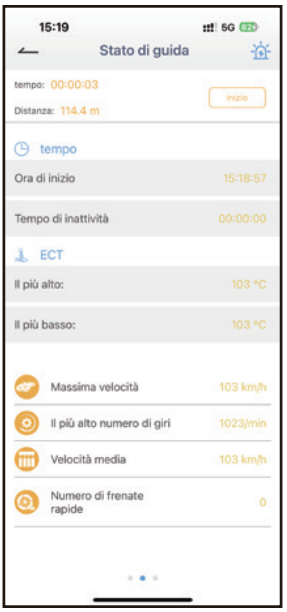


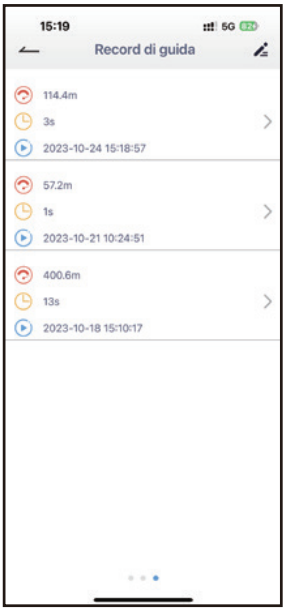
Sentiero

Analisi esclusiva del viaggio con tempo, distanza, ora di inizio, tempo di viaggio, velocità massima, velocità massima RPM, velocità media, temperatura del liquido di raffreddamento massima e minima, numero di velocità eccessive e numero di frenate rapide. Puoi anche registrare, salvare, stampare e condividere i viaggi per la tua analisi o con il tuo meccanico.


17:07
OBD II
Autoverifica del veicolo
Codice di errore
Flusso di dati
Cruscotto
Blocca l'immagine
Sensori O2
Test di monitoraggio a bordo
Informazioni sul veicolo
Test delle prestazioni
Sentiero
Pronto per I/M
Sistema EVAP


15:18
Sentiero
fermarsi
1023/min
103.0°C
00:00:01
103km/h

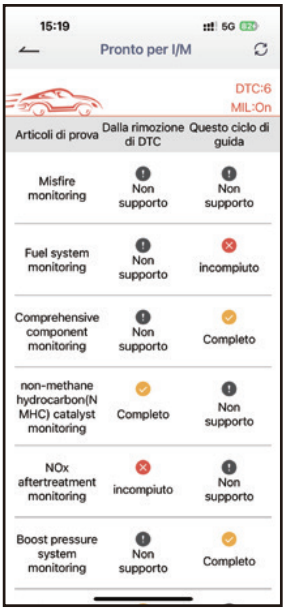

15:19
Stato di guida
tempo: 00:00:03
Distanza: 114.4 m
inizio
tempo
Ora di inizio 15:18:57
Tempo di inattività 00:00:00
ECT
Il più alto: 103 °C
Il più basso: 103 °C
Massima velocità 103 km/h
Il più alto numero di giri 1023/min
Velocità media 103 km/h
Numero di frenate rapide 0


15:19
Record di guida
114.4m
3s
2023-10-24 15:18:57
57.2m
1s
2023-10-21 10:24:51
400.6m
13s
2023-10-18 15:10:17

Pronto per I/M

L'opzione I/M Readiness consente di visualizzare un'istantanea delle operazioni per il sistema di scarico sui veicoli OBDII/EOBD.





Test o componente (Sistema EVAP)

Il sistema OBD2 monitora il sistema di alimentazione per rilevare eventuali perdite di vapori di carburante per garantire che non vi siano perdite di idrocarburi (HC) nell'atmosfera. Il monitor EVAP fa due cose:

1. Assicurarsi che i vapori di benzina vengano inviati al tubo di aspirazione al momento giusto e miscelati con l'aria per entrare nel motore per la combustione.
2. Evitare che i vapori di carburante nel tubo del carburante si disperdano nell'atmosfera e inquinino l'ambiente.

Funzione test EVAP: il dispositivo diagnostico esterno non può controllare il controllo dell'evaporazione del carburante (EVAP) del sistema OBD e il dispositivo diagnostico visualizza solo il suo stato e i risultati del test.

Se l'auto supporta questa funzione, verrà visualizzato quanto segue:

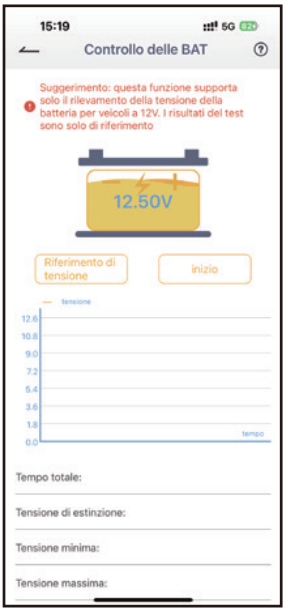




Nota: per quanto riguarda le funzioni Test del monitor di bordo e Test dei componenti (Test EVAP), queste due funzioni sono soggette al test attuale. Alcuni veicoli supportano queste due funzioni e il software del prodotto le visualizza, mentre altri veicoli non le supportano e il software del prodotto non le visualizza.

Controllo delle BAT

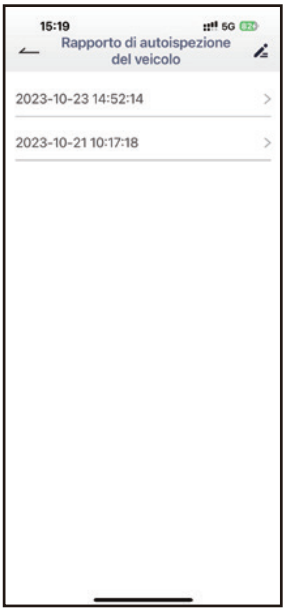
Visualizza graficamente la tensione della batteria in tempo reale per recuperare e analizzare un andamento più accurato della durata della batteria e monitorare lo stato di salute.

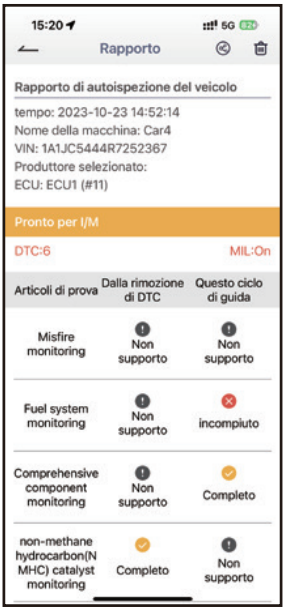


Rapporto

Puoi esportare report diagnostici e condividerli sui social media.









Il mio veicolo

Puoi selezionare o eliminare le informazioni sul tuo veicolo. Condizioni per i veicoli appena aggiunti:
1. Se è possibile leggere il codice VIN del veicolo appena aggiunto, è possibile aggiungere il veicolo.
2. Se non è possibile leggere il codice VIN del veicolo appena aggiunto, verrà visualizzata una casella di input quando il dispositivo comunica con il veicolo ed è necessario aggiungere manualmente le informazioni sul veicolo appena aggiunto.
3. Se l'utente ha un solo veicolo e desidera aggiungere più veicoli: l'APP non è consentita.


14:43
5G
ANCEL AD310 Pro
Il dispositivo è collegato
Risp
aiutare
Rapporto
diagnosi
Controllo delle BAT
Il mio veicolo
Parametro


15:20
5G
Informazioni sul veicolo
NOME
Car4
Numero di identificazione del veicolo
1A1JC5444R7252367
Fabbricante
MODELLO
Capacità del motore
ANNO
Tipo di veicolo
Tipo di carburante


15:20
5G
Informazioni sul veicolo
modificare
Cancellare
Rapporto
NOME
Car4
Numero di identificazione
1A1JC5444R7252367
Fabbricante
MODELLO
Capacità del motore
ANNO
Tipo di veicolo
Tipo di carburante

Parametro

Impostazioni del dispositivo/Unità/Impostazioni della lingua/Impostazioni della schermo/Chi siamo/Ripristina impostazioni preddefinite.



Risposta

Puoi inviarci feedback se riscontri problemi nell'utilizzo. Per fare ciò, compila e invia il modulo di feedback.



Funzione BAT + funzione OBDII (imposta la modalità OBDII)

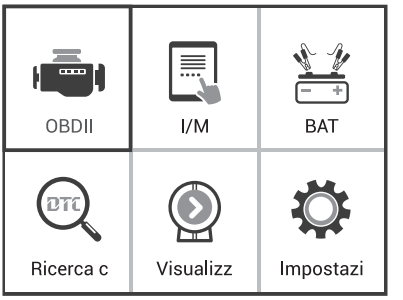
Funzione OBDII

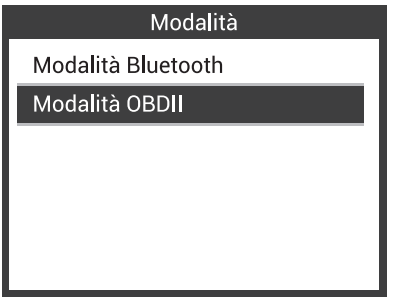
Collega il prodotto all'interfaccia OBDII del veicolo.



Premere ENTER per accedere al menu modalità. Utilizzare il pulsante di scorrimento SU/GIÙ per selezionare Modalità dal menu.





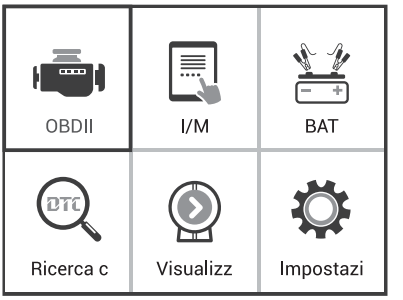


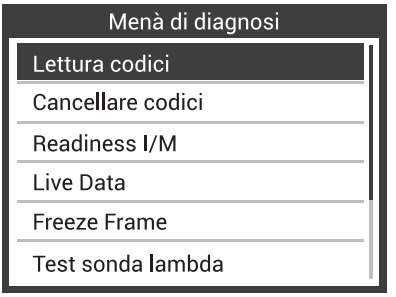
Introduzione al menu principale

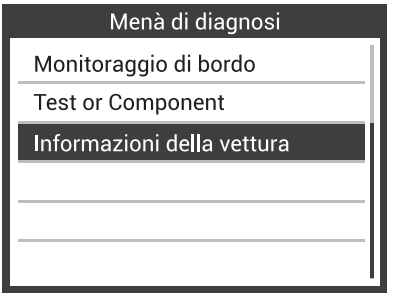
Funzione OBDII

L'errore nel sistema di scarico del motore mostrato nell'illustrazione può essere diagnosticato tramite il menu OBDII, altri errori di sistema non sono supportati.
Suggerimenti: la funzione OBDII del palmare è uguale alla funzione OBDII dell'APP portatile, solo il display è diverso.



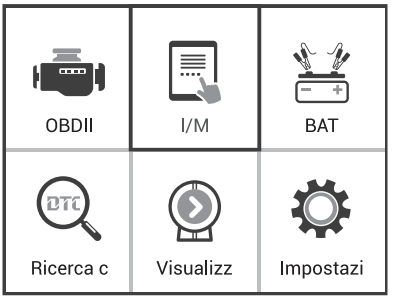


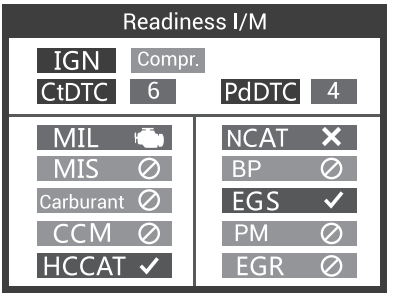




Funzione I/M

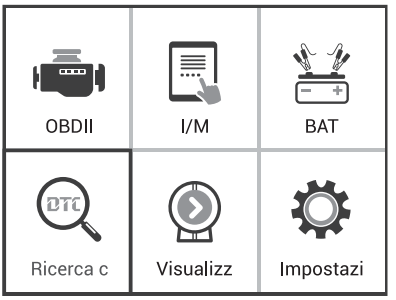
Questa è una delle funzioni di OBDII.

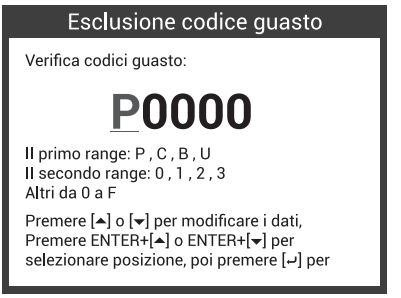


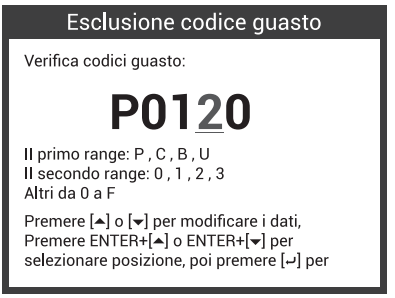


Ricercare

La funzione Ricerca DTC consente di cercare le definizioni dei codici memorizzati nella libreria di codici integrata.



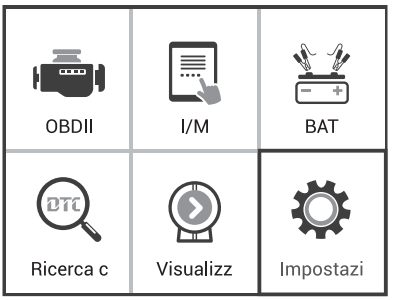




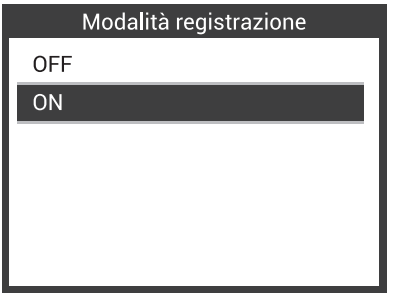


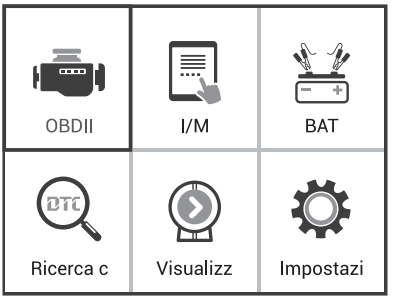
Visualizz

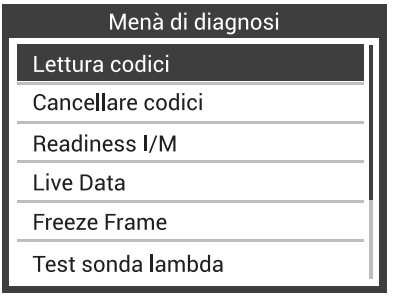
Questa funzione consente di rivedere i DTC registrati.
Se il veicolo presenta codici di guasto del motore, accendere la registrazione e tornare al menu, selezionare la funzione di lettura del codice in OBDII per leggere il codice di guasto e infine è possibile visualizzare il codice di guasto registrato nel menu di revisione.

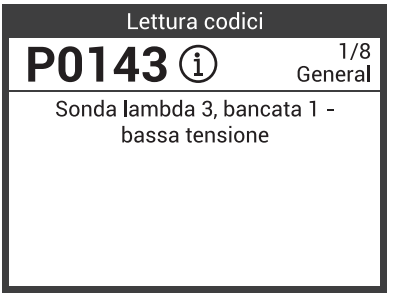


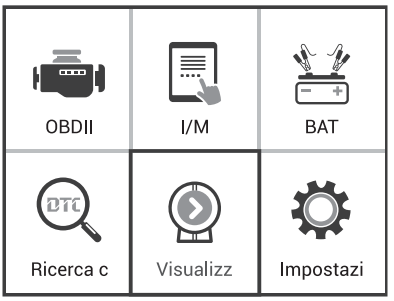


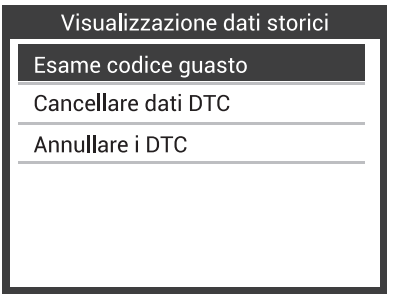

Modalità registrazione
OFF
ON

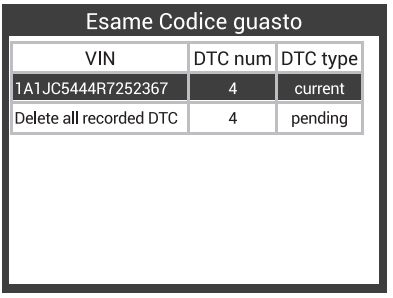

OBDII
I/M
BAT
Ricerca c
Visualizz
Impostazi


Menà di diagnosi
Lettura codici
Cancellare codici
Readiness I/M
Live Data
Freeze Frame
Test sonda lambda


Lettura codici
P0143
1/8
General
Sonda lambda 3, bancata 1 - bassa tensione

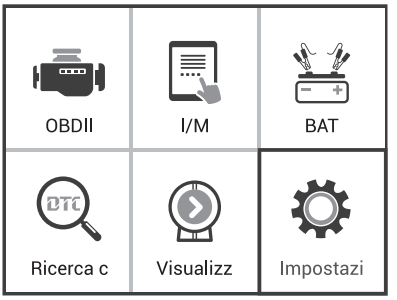

OBDII
I/M
BAT
Ricerca c
Visualizz
Impostazi


Visualizzazione dati storici
Esame codice guasto
Cancellare dati DTC
Annullare i DTC

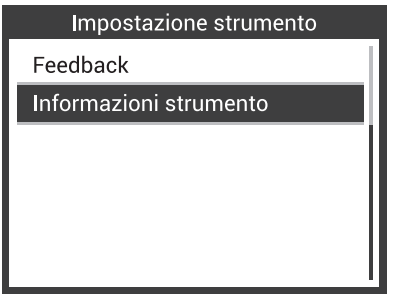

Esame Codice guasto
VIN
DTC num
DTC type
1A1JC5444R7252367
4
current
Delete all recorded DTC
4
pending

Impostazione

Menu Lingua/Unità di misura/Bip/Modalità registrazione/Background/Sleep Immediately/Feedback/Informazioni strumento. Se riscontriamo problemi, possiamo attivare la funzione di feedback per riportare i dati.



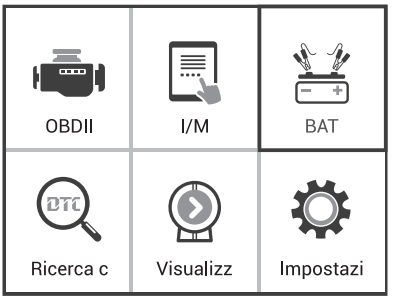


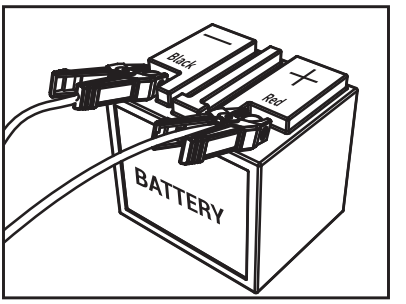


Funzione BAT

Preparativi prima della prova

Se stai effettuando il test nel veicolo, assicurati che tutti i carichi accessori siano spenti, la chiave non sia inserita nell'accensione e le porte siano chiuse.
Collegamento del tester
1) Collegare il morsetto rosso al terminale positivo (+) e il morsetto nero al terminale negativo (-).





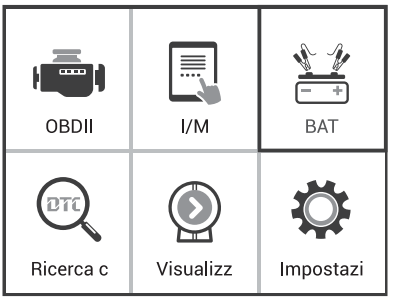
2) Per un collegamento corretto, far oscillare i morsetti avanti e indietro. Il tester richiede che entrambi i lati di ciascun morsetto siano saldamente collegati prima del test.

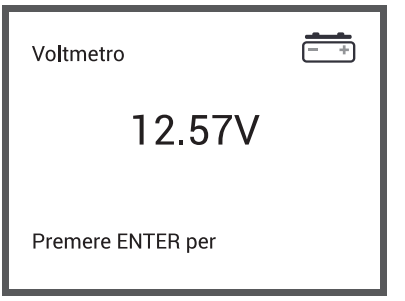
Prima della prova

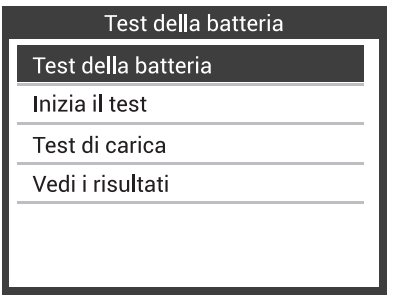
Il motore e tutti gli altri carichi accessori devono essere SPENTI durante il test per ottenere risultati accurati. Accendere i fari del veicolo per 2~3 minuti finché la tensione della batteria non torna al valore normale se la batteria è appena completamente carica.

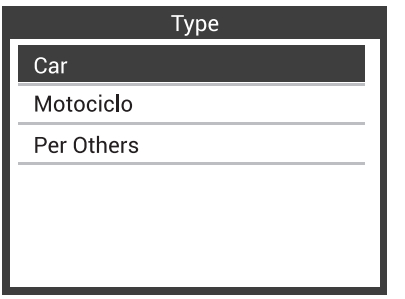
Test della batteria

Dal menu principale, utilizzare i tasti di navigazione FOGLIA / DESTRA per selezionare il menu BAT e premere il tasto ENTER. Lo schermo visualizzerà l'interfaccia mostrata di seguito:









Testa ciascuna batteria in base allo standard di sistema effettivo selezionato e alla valutazione indicata sulla batteria, per ottenere risultati accurati.

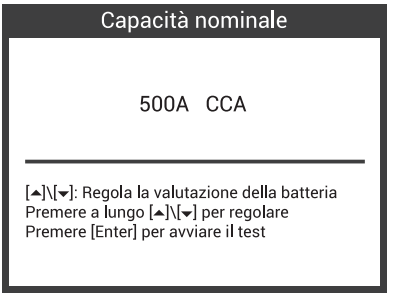
Standard	Descrizione	Range
CCA	Amplificatori di avviamento a freddo, come specificato da SAE. The valutazione più comune per l'avviamento delle batterie a 0°F (-17.8°C).	100-2000
DIN	Normativa industriale tedesca.	100-1400
JIS	Standard industriale giapponese, indicato su una batteria come combinazione di numeri e lettere.	26A17-N200Z

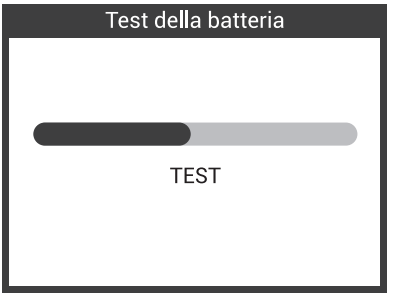
EN	Norma Europa.	100-2000
IEC	Commissione Elettrotecnica Internazionale.	100-1400
SAE	Standard della Società degli ingegneri automobilistici.	100-2000
MCA	Standard di corrente di avviamento marino, valore della corrente di avviamento effettiva a 0°C.	100-2000
BCI	Standard internazionale del Battery Council.	100-2000
CA	Corrente di avviamento standard, valore effettivo della corrente di avviamento a 0 °C.	100-2000
GB	Norma nazionale cinese.	30-220Ah

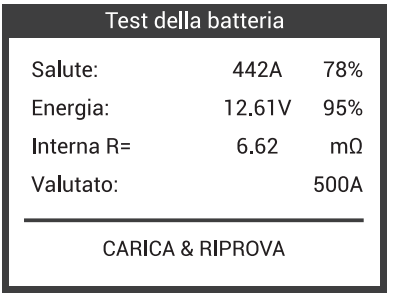
Tipo di batteria: scorrere e selezionare Regular Flooded, AGM Flat Plate o AGM Spiral, se applicabile.









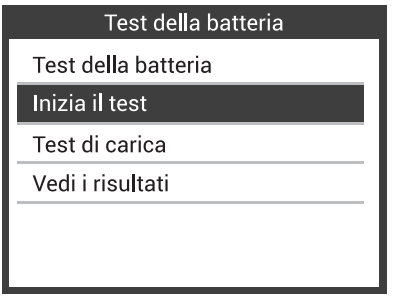


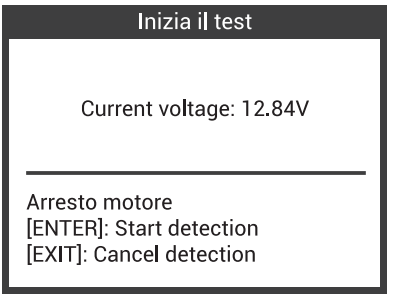
Risultati del test della batteria

Decisione	Interpretazione
BUONA BATTERIA	Rimettere la batteria in uso.
BUONA RICARICA	Caricare completamente la batteria e rimetterla in uso.
CARICA&RETEST	Caricare completamente la batteria e ripetere il test. La mancata ricarica completa della batteria prima di ripetere il test potrebbe causare risultati imprecisi. Se dopo aver caricato completamente la batteria viene nuovamente visualizzato CHARGE&RETEST, sostituire la batteria.
SOSTITUIRE LA BATTERIA	Sostituire la batteria e ripetere il test. Un risultato SOSTITUZIONE BATTERIA può anche significare una cattiva connessione tra i cavi della batteria e la batteria. Dopo aver scollegato i cavi della batteria, testare nuovamente la batteria utilizzando il test fuori dal veicolo prima di sostituirla.
BAD CELLA SOSTITUIRE	Sostituire la batteria e ripetere il test.

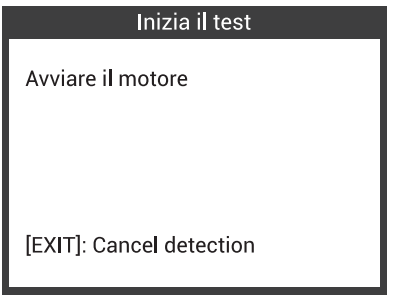
Inizia il test

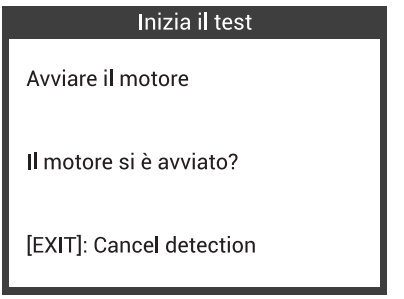
Con questa funzione puoi leggere la tensione della batteria in tempo reale.

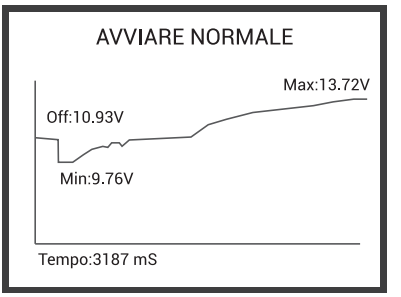




Se si preme [ENTER] e si avvia il rilevamento, verrà visualizzata l'interfaccia:

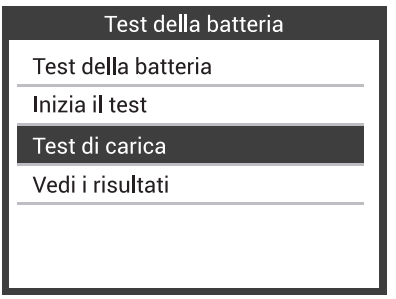


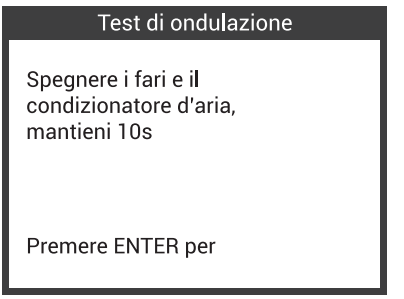


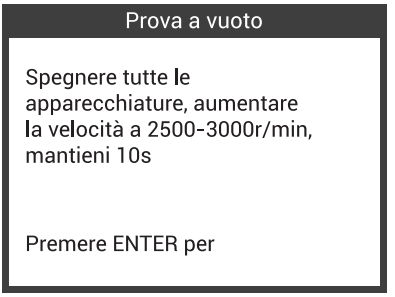


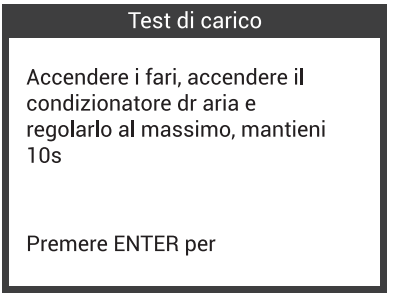
Test di carica

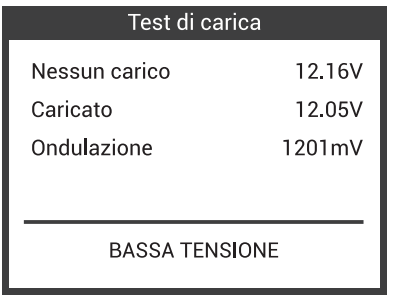
Premere test di carica e verrà visualizzato:





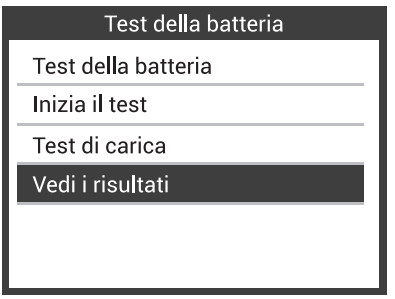




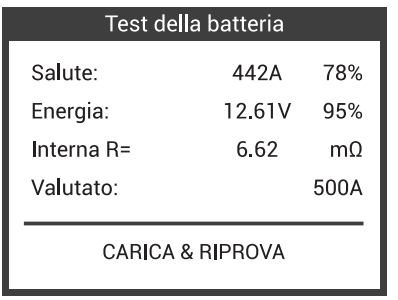


Vedi i risultati

Quando si preme Controlla dati, i dati dell'ultimo test della batteria vengono visualizzati come segue:







Aggiornamento

1) Scarica il software di aggiornamento e decomprimi il file.
2) Collega il dispositivo al computer tramite un cavo USB.
3) Il software di aggiornamento è supportato solo dal 7/8/10/11. In Windows 7 è necessario installare il driver, in Windows 8/10/11 è possibile eseguire direttamente il software di aggiornamento.

Nota:
I computer Windows XP e Apple non supportano gli aggiornamenti.

Garanzia

1) Questa garanzia è limitata alla persona che acquista i prodotti ANCEL.
2) I prodotti ANCEL sono garantiti contro difetti di materiale e lavorazione per un periodo di un anno (12 mesi) dalla data di spedizione all'utente.

OBDSPACE TECHNOLOGY CO.,LTD
Address: D03, Block A, No. 973 Minzhi Ave., Longhua District, Shenzhen, Guangdong, China
support@anceltech.com
www.anceltech.com
MADE IN CHINA



Séparez les éléments avant de trier