

ANCEL[®]

USER'S MANUAL FD700



Safety precautions

To avoid body injury and damage to the device or your car, please read this manual carefully before using FD700.

1. The testing process described in the manual is generally the experience of technician.
2. Safety precaution is required in most of the process to avoid body injury and damage to the device or your car.
3. Read the vehicle maintenance manual before use this device and follow safety precautions.
4. It generates CO and other poisonous air when engine is running. To avoid this kind of hurt, please repair the car in a well-air-ventilated place.
5. When the engine is running, many parts (such as the coolant fan, pulleys, fan belt etc.) rotate at high speed. To avoid serious injury, always be aware of moving parts. Keep a safe distance from these parts as well as other potentially moving objects.
6. Engine parts become very hot when the engine is running. Don't touch hot engine parts to avoid severe burns.
7. Fuel and battery vapors are highly flammable. To prevent an explosion, keep all sparks, heated items and open flames away from the battery and fuel/ fuel vapors. Do not smoke near the vehicle during testing.

Coverage

1. Supports the vehicles of Ford, Lincoln and Mercury after 1996 with 16PIN Socket, including F150, Transit, VAN.
2. Supports OBDII/EOBD Modes of operation

Product specification

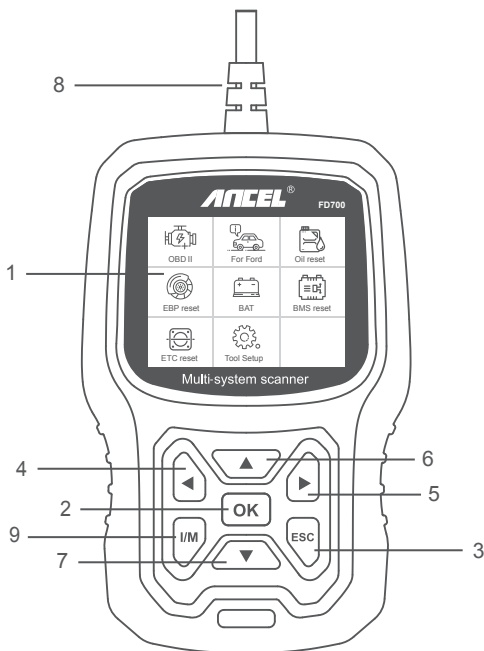
2.8"LCD,320 X 240 pixels color screen

Operating Voltage: 8V-18V


Operating Temperature: -10°C-60°C(14-140°F)

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

Appearance and Key Descriptions



1. LCD DISPLAY – Indicates test results. Backlit, 320 x 240 pixels display
2. OK BUTTON – Confirms a selection (or action) from a menu.
3. ESC BUTTON – Cancels a selection (or action) from a menu or returns to the menu.
4. LEFT SCROLL BUTTON –Move to left menu in main menu mode; When more than one screen of data is retrieved, use the left button could move to previous screens.
5. RIGHT SCROLL BUTTON –Move to right menu in main menu mode; When more than one screen of data is retrieved, use the right button could move to next screen for additional data.
6. UP SCROLL BUTTON –Moves up through menu items in main menu mode ; When more than one screen of data is retrieved, use the up button could move to previous screens.
7. DOWN SCROLL BUTTON –Moves down through menu items in main menu mode ; When more than one screen of data is retrieved, use the down button could move to next screen for additional data.
8. OBD-16PIN CONNECTOR – Connects the scan tool to vehicle's Data Link Connector (DLC).
9. "I/M" BUTTON - A snapshot of emission-related systems states - i.e., misfire monitor, EVAP system monitor etc.

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

Remarks:

MIL Yellow- Dashboard MIL ON

MIL Gray-Dashboard MIL OFF

⊘ -not support

✓ -complete

✗ -not complete

OPERATION INSTRUCTIONS

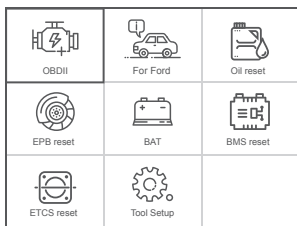
1. Connect FD700

1.1 Turn the ignition on.using FD700.

1.2 Locate the vehicle's 16-pin Data Link Connector (DLC).



(Main interface)



(Main Menu)

1.3 Main menu functions :

[OBDII]: Detect the engine system.

[For Ford]: Test all systems.

[Oil reset]: Oil change reset

[EPB reset]: EPB Brake pad reset

[BAT]: To read real Time Battery Voltage

[BMS reset]: Battery management system reset

[ETC reset]: Electric Throttle Control reset

[Tool Setup]: Language / Beeper/Instructions (Display at startup)/Unit of Measure/Skin Style/Feedback the test result

Scanning...[81%]	
BCMii(Body Control Module)	OK
PCM(Power train Control M...)	OK
PDM(Passenger Front Door	
3/3	

Select System Diagnose	
BCMii(Body Control Module)	OK
PCM(Power train Control M...)	OK
1/2	

[Manual select] is to display all possible systems, select one of the systems to diagnose.

Choose [Manual select] and it displays as follows :

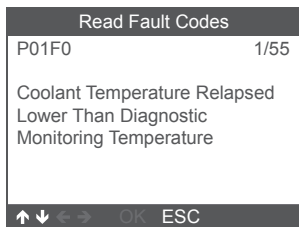
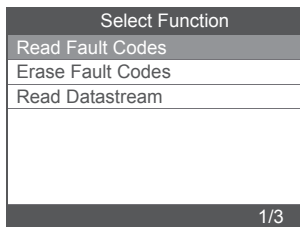
Select Menu	
System Scan	
Manual Select	
Special Functions	
2/3	

Select System Diagnose	
ABS(Antilock braking system)	
BCMii(Body Control Module)	
DDM(Driver Front Door Module)	
DSM(Driver Front Seat Module)	
GWM(Gateway Module A)	
HVAC(Heating Ventilation Air C..)	
IPC(Intrument Panel Control M...)	
1/11	

Select System Diagnose	
PCM(Power train Control Module)	
PDM(Passenger Front Door Mo...)	
PSCM(Power Steering Control...)	
RCM(Restraint Control Module)	
8/11	

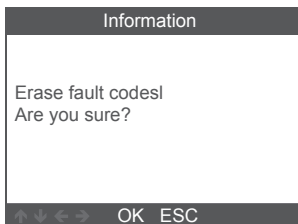
2.1.1 Read Fault Codes

Choose [Read Fault Codes]. Press up or down button to check each fault code as follows:



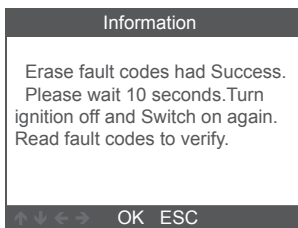
2.1.2 Erase Fault Codes

Choose [Erase Fault Codes] then press [OK] button, screen displays as follow:



You need to press [OK] again to clear the fault codes.

It shows as follow after clearing the fault codes.



If you give up clearing fault codes, please press [ESC] button.

2.1.3 Read Datastream

Choose [Read Datastream] then press [OK] button, screen displays as follows:

Select Function
Read Fault Codes
Erase Fault Codes
Read Datastream

3/3

Datastream
View All Items
Select Items

1/2

Choose [View All Items] then press [OK] button, screen displays as follow:

Datastream	
A/C Pressure Sensor Voltage[Voits]	1.40
A/C clutch output fault detected.	NO Fault
CMP and CKP Synchronized	Yes
o2s11 Status	NO Fault
o2s11 is warm and ready to operate.	Yes

1-5/471

Choose [Select Items] then press [OK] button, screen displays as follows:

Datastream
View All Items
Select Items

2/2

Select Datastream	
<input type="checkbox"/>	All Datastream of Page
<input type="checkbox"/>	A/C Pressure Sensor Voltage
<input type="checkbox"/>	A/C clutch output fault detected.
<input type="checkbox"/>	A/C Pressure sensor
<input type="checkbox"/>	CMP and CKP Synchronized

1-4/284

Press [LEFT] and [RIGHT] buttons to page.

Press [UP] and [DOWN] buttons to select one by one.

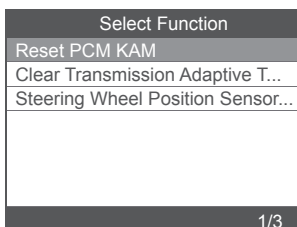
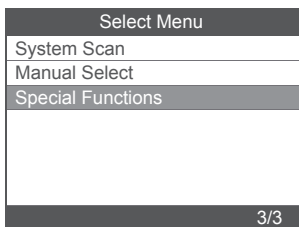
2.2 Main special functions

Different car models have different special functions.

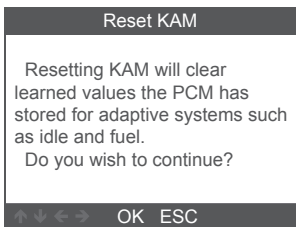
(Here are some common special functions. If you want to learn more about the special features of the FD700, please call or email us.)

2.2.1 Reset PCM KAM

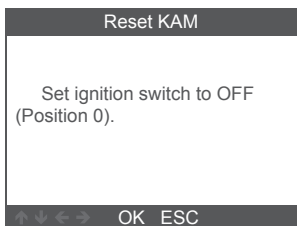
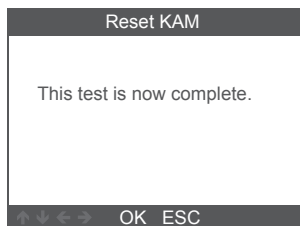
Choose [Special Functions] and it displays as follows:



Choose [Reset PCM KAM] and it displays as follow:

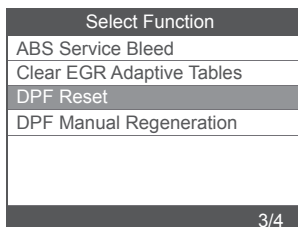
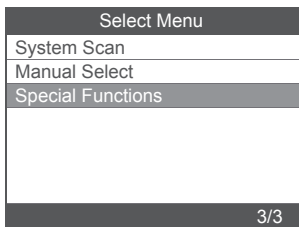


Press [OK] button to next and complete special function operation:

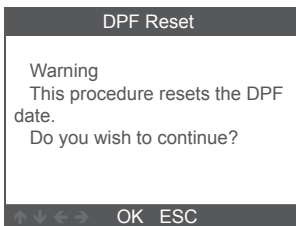


2.2.2 DPF Reset

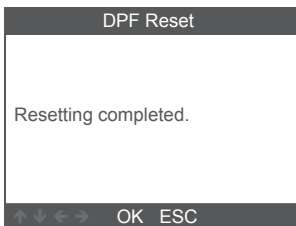
Choose [Special Functions] and it displays as follows :



Press [OK] button to next:



Press [OK] button to next:



2.2.3 Injector Quantity Adjustment

In the Engine system, choose [Special Function] and it displays as follow:

Select Function
ABS Service Bleed
Reset TCM KAM
Clear Transmission Adaptive T...
DPF Manual Regeneration
IQA

5/5

Choose [Injector Quantity Adjustment] and it displays as follows:

Injector Quantity Adjustment

Carry out this procedure to enter the new IQA date whenever a fuel in ject is replaced or to make a correction to the existing in jector IQA data currently stored in the PCM.

↑ ↓ ← → OK ESC

Injector Quantity Adjustment

On the following screen,the diagnostic tester will attempt to retrieve the in jector IQA data from the PCM allowing for verification and data entry.

Perform the following :

↑ ↓ ← → OK ESC

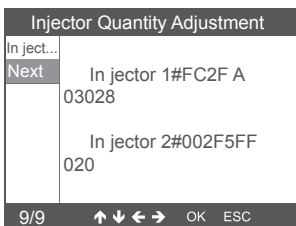
Press [OK] button to next step:

Injector 1

OK	
Delete	
0	
1	Enter the character IQA data
2	
3	
4	

3/38 ↑ ↓ ← → OK ESC

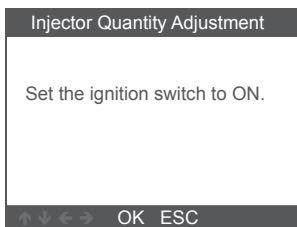
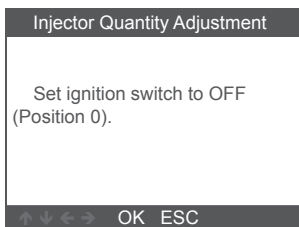
Press [OK] button, you will need to OK values manually and it displays as follow:



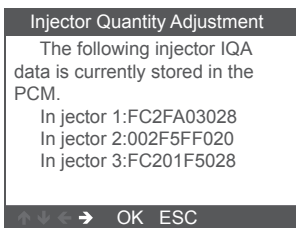
Press left button to character selection page down.

Press Right button to information page down.

Press [OK] button to next:



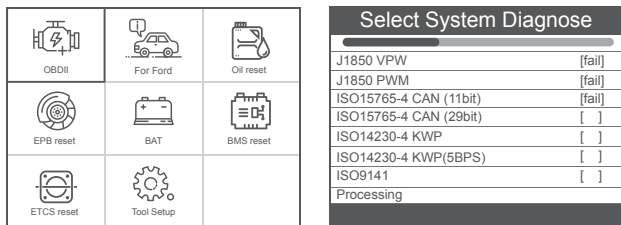
Press [OK] button to next:



Note: Different models may have different configurations and special features maybe different.

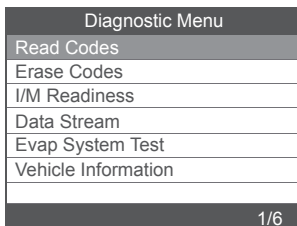
3 OBDII Diagnose

Choose [OBDII] and it displays as follows :



3.1 Read Codes

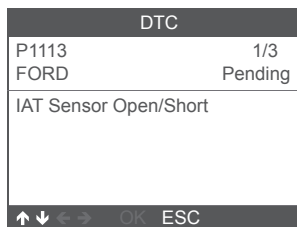
1. Select [Read Codes] , then press [OK]



If there are no Diagnostic Trouble Codes present, the display indicates "No (pending) codes are stored in the module!" Wait a few seconds or press any key to return to the Diagnostic Menu.

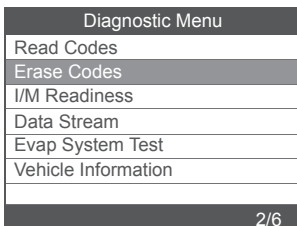
2.View DTCs and their definitions on screen

(The control module number; Sequence of the DTCs; Total number of codes detected; Type of codes (Generic of Manufacturer specific)

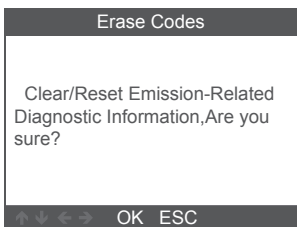


3.2 Erase Codes

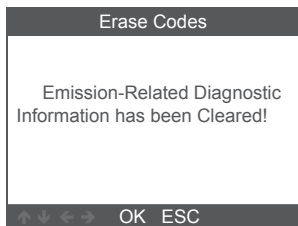
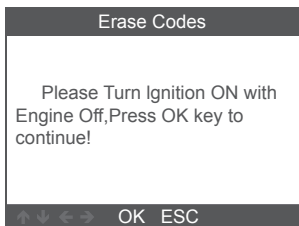
1. Select [Erase codes] , then press [OK]



2. A warning message comes up asking for your confirmation.



3. Press [OK] to confirm.



3.3 I/M Readiness

Select I/M Readiness option, press [OK], the screen will display as follows:

Diagnostic Menu
Read Codes
Erase Codes
I/M Readiness
Data Stream
Evap System Test
Vehicle Information

3/6

I/M Readiness
Since DTCs Were Cleared
This Drive Cycle

1/2

Use UP or Down button to select, then press [OK], the screen will display as follow

I/M Readiness	
Misfire monitor	OK
Fuel system monitor	OK
Comprehensive component monitor	OK
Catalyst monitor	INC
Heated catalyst monitor	N/A

1-5/10

N/A means not available on this vehicle, INC means incomplete or not ready, OK means Completed or Monitor OK.

3.4 Data Stream

Choose [Data Stream] and it displays as follows :

Diagnostic Menu
Read Codes
Erase Codes
I/M Readiness
Data Stream
Evap System Test
Vehicle Information

4/6

Datastream
View All Items
Select Items

1/2

Datastream	
Fuel system 1 status	OL
Fuel system 2 status	OL
Calculated LOAD Value	0.0%
Engine Coolant Temperature	-31°C
Short Term Fuel Trim-Bank 1	0.0%
1-5/19	

3.5 EVAP System Test

This function enables the conditions required to conduct an evaporative system leak test, but does not actually run the test.

The vehicle manufacturer is responsible to determine the criteria to automatically stop the test.

Before performing this function, please check the vehicle's service repair manual to determine the necessary procedures.

Diagnostic Menu
Read Codes
Erase Codes
I/M Readiness
Data Stream
Evap System Test
Vehicle Information
5/6

Erase System Test
Evaporative system leak test not supported.
↑ ↓ ← → OK ESC

3.6 Vehicle Information

Choose [Vehicle Information] and it displays as follows:

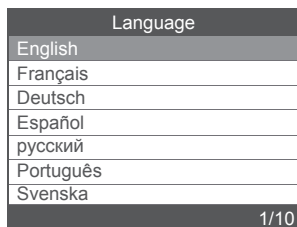
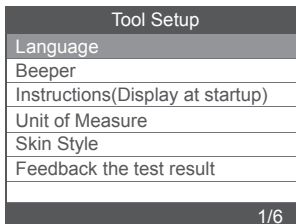
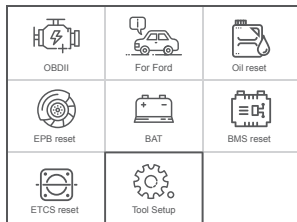
Diagnostic Menu
Read Codes
Erase Codes
I/M Readiness
Data Stream
Evap System Test
Vehicle Information
6/6

Vehicle Information
Vehicle Identification Number (VIN) LV5FBFAC94F020950
Calibration Identifications(CID) 000007550753
Calibration Verification Number (CVN) B5073064
↑ ↓ ← → OK ESC

4. Tool Setup

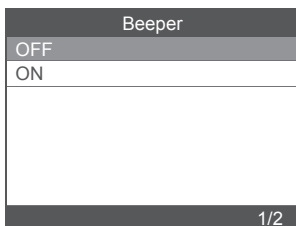
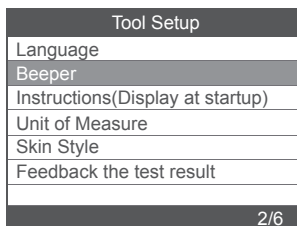
4.1 Language

Choose [Language] and it displays as follows:



4.2 Beeper

Choose [Beeper] and it displays as follows:



4.3 Instructions (Display at startup)

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

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
3/6

Instructions(Display at startup)
OFF
ON
1/2

4.4 Unit of measure

Choose Unit of measure and it displays as follows:

Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
4/6

Unit of Measure
Metric
Imperial
1/2

4.5 Skin Style

Choose Skin Style and it displays as follows:

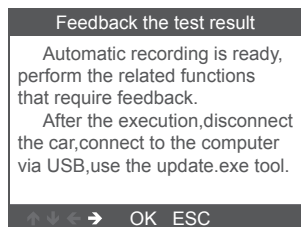
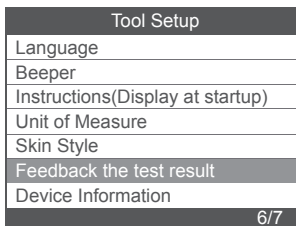
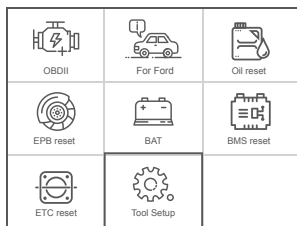
Tool Setup
Language
Beeper
Instructions(Display at startup)
Unit of Measure
Skin Style
Feedback the test result
5/6

Skin Style
Sky Gray
Gem Blue
1/2

4.6 Feedback

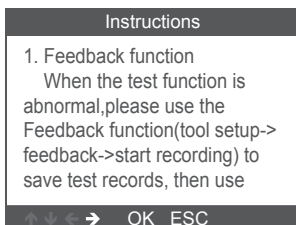
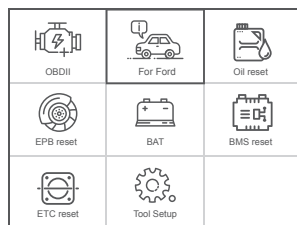
If it shows connected with vehicle or other problem during using, please using the feedback function.

Choose [Tool Setup], click on the [feedback the test result menu] and it display as follows:

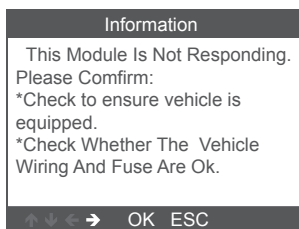
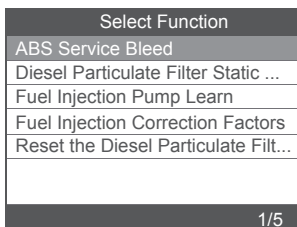
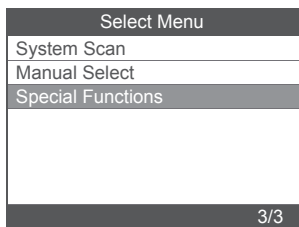
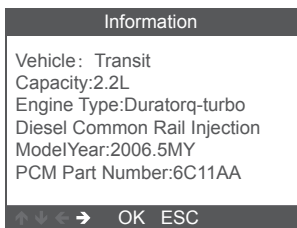
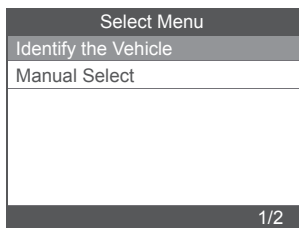


The device will display the “Feedback” prompt and exit the feedback menu. Press [Esc] to exit to the main menu.

For example: If the Ford ABS system fails to connect, please follow the steps below:

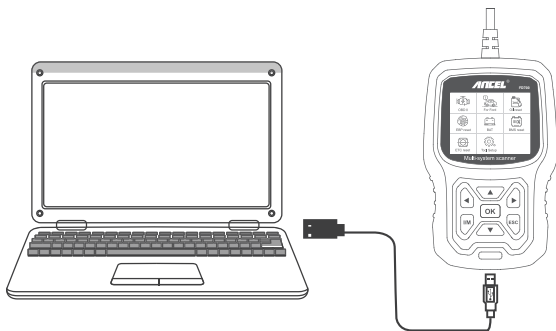


After exiting the feedback menu, return to the main menu: Open Ford menu, Enter the interface that failed to connect or the operation was unsuccessful during the diagnosis.

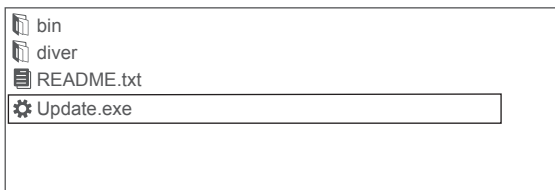


Note: In the above steps, the diagnostic instrument and the vehicle must be connected.

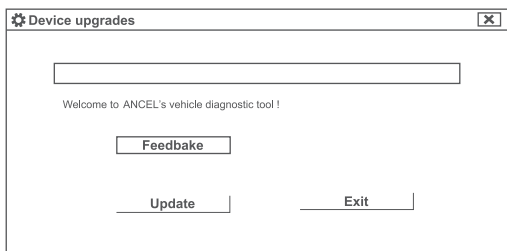
After the recording is successful, unplug the device to the computer to export the data.

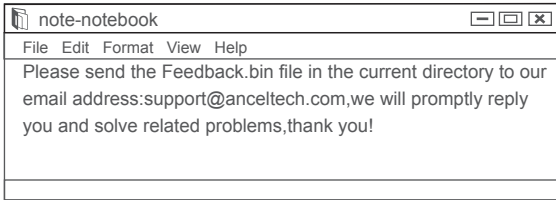


Connect tool with computer, Open the upgrade files, choose "Update".

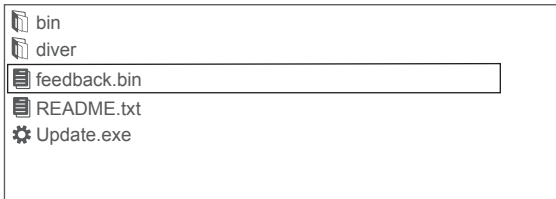


Then pop up: "Upgrade Tools" window, click "Feedback" will appear a TXT text to explain, Please follow the instructions.





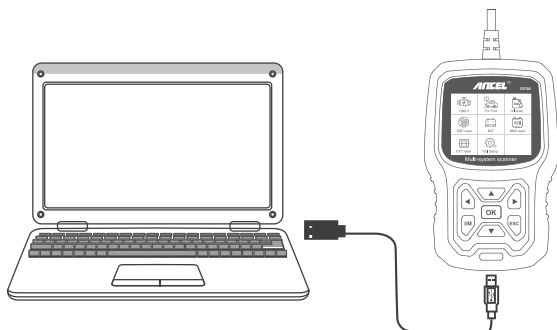
Choose the note file; send the Feedback.bin text to support@anceltech.com .



Remark: In the above steps, keep the tool connected to the computer.

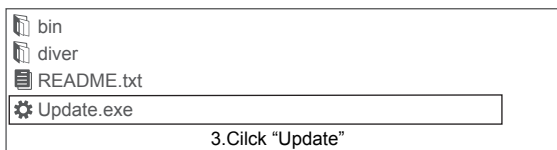
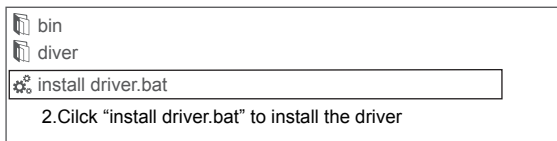
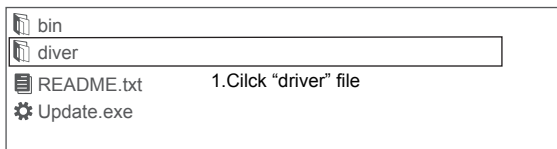
5. Update

- 1.Download update software.
2. Connect the devise with computer through USB cable.

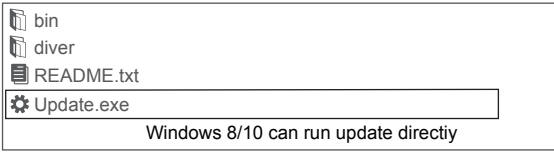


3. The update software is only supported by 7/8/10.

* If computer system is Windows 7, please click "install driver.bat" in the driver files to install the driver.



* Windows 8/10 can run update software directly.



Précautions de sécurité

Pour éviter les blessures corporelles et les dommages à l'appareil ou à votre voiture, veuillez lire attentivement ce manuel avant d'utiliser le FD700.

1. Le processus de test décrit dans le manuel est généralement l'expérience d'un technicien.
2. Des mesures de sécurité sont nécessaires dans la plupart des le processus pour éviter les blessures corporelles et les dommages à l'appareil ou à votre voiture.
3. Lisez le manuel d'entretien du véhicule avant d'utiliser cet appareil et suivez les précautions de sécurité.
4. Il génère du CO et de l'air toxique lorsque le moteur tourne. Pour éviter ce type de blessure, veuillez réparer la voiture dans un endroit bien aéré.
5. Lorsque le moteur tourne, de nombreuses pièces (comme le ventilateur de refroidissement, poulies, courroie de ventilateur, etc.) tournent à grande vitesse. Pour éviter des blessures graves, soyez toujours conscient des pièces mobiles. Gardez une distance de sécurité avec ces ainsi que d'autres objets potentiellement mobiles.
6. Les pièces du moteur deviennent très chaudes lorsque le moteur tourne. Ne touchez pas les pièces chaudes du moteur pour éviter de graves brûlures.

7. Les vapeurs de carburant et de batterie sont hautement inflammables. Pour éviter une explosion, gardez toutes les étincelles, objets chauffés et flammes nues loin de la batterie et du carburant / vapeurs de carburant. Ne fumez pas près du véhicule pendant les tests.

Couverture

1. prend en charge les véhicules de Ford, Lincoln et Mercury après 1996 avec prise 16PIN, y compris F150, Transit, VAN.
2. prend en charge les modes de fonctionnement OBDII / EOBD

Spécifications du produit

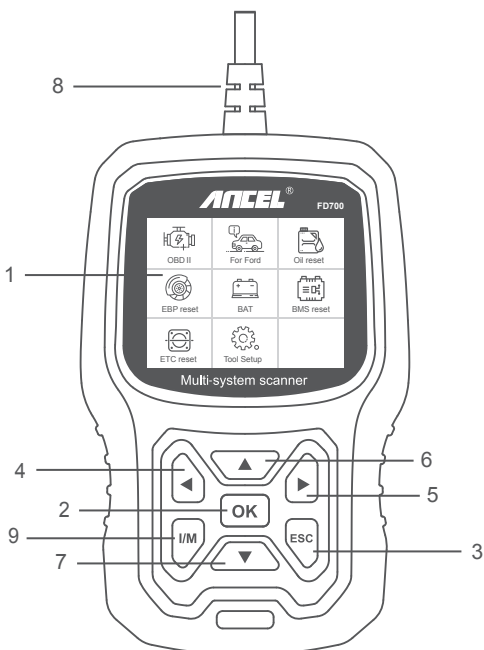
Écran LCD 2,8 pouces, 320 x 240 pixels

Tension de fonctionnement: 8V-18V

Température de fonctionnement: 0 ° C-60 ° C (32-140 ° F)


Température de stockage: -20 ° C-70 ° C (4-158 ° F)

Apparence et descriptions clés



1. AFFICHEUR LCD - Indique les résultats des tests. Écran rétroéclairé de 320 x 240 pixels
2. BOUTON OK - Confirme une sélection (ou action) à partir menu.
3. BOUTON ESC - Annule une sélection (ou action) d'un menu ou retourne au menu.
4. BOUTON DE DÉFILEMENT GAUCHE - Aller au menu de gauche en mode menu principal; Lorsque plusieurs écrans de données sont récupérés, utilisez le bouton gauche pour passer aux écrans précédents.

5. BOUTON DE DÉFILEMENT DROIT - Déplacer vers le menu de droite en mode menu principal; Lorsque plusieurs écrans de données sont récupérés, utilisez le bouton droit pour passer à l'écran suivant pour des données supplémentaires.
6. BOUTON DE DÉFILEMENT HAUT –Passe en revue les éléments de menu en mode de menu principal. More Lorsque plusieurs écrans de données sont récupérés, utilisez le bouton Haut pour revenir aux écrans précédents.
7. BOUTON DE DÉFILEMENT BAS - Permet de parcourir les éléments de menu en mode menu principal. Lorsque plusieurs écrans de données sont récupérés, le bouton Bas peut passer à l'écran suivant pour des données supplémentaires.
8. CONNECTEUR OBD-16PIN - Connecte l'outil d'analyse au connecteur de liaison de données (DLC) du véhicule.
9. BOUTON «I / M» - Un instantané des états des systèmes liés aux émissions - c'est-à-dire, moniteur de raté d'allumage, moniteur du système EVAP, etc.

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

Remarques:

MIL Yellow - Tableau de bord MIL ON

Tableau de bord gris MIL MIL OFF

∅ -pas de support

✓ -Achevée

✗ -incomplet

OPERATION INSTRUCTIONS

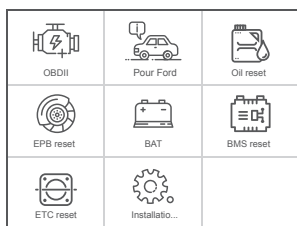
1. Connectez FD700

1.1 Mettez le contact.

1.2 Localisez le connecteur de liaison de données (DLC) à 16 broches du véhicule.



(Interface principale)



(Menu principal)

1.3 Fonctions du menu principal:

[OBDII]: Détecte le système moteur.

[Pour Ford]: testez tous les systèmes.

[Réinitialisation d'huile]: réinitialisation de la vidange d'huile

[Réinitialisation EPB]: réinitialisation de la plaquette de frein EPB

[BAT]: pour lire la tension de la batterie en temps réel

[Réinitialisation BMS]: réinitialisation du système de gestion de la batterie

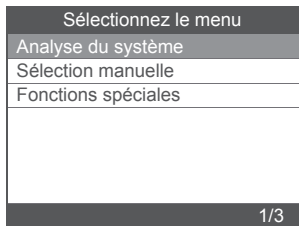
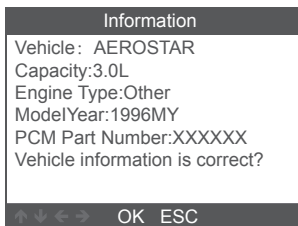
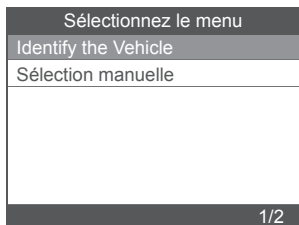
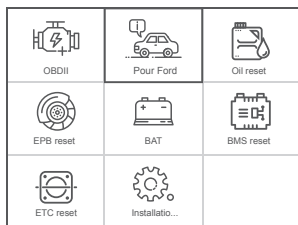
[ETC reset]: réinitialisation de la commande des gaz électrique

[Configuration de l'outil]: langue / bip / instructions (affichage au démarrage) / unité de mesure / style de peau / retour du résultat du test

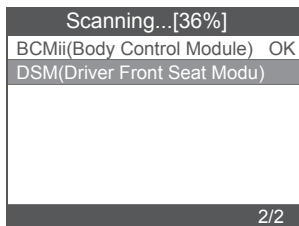
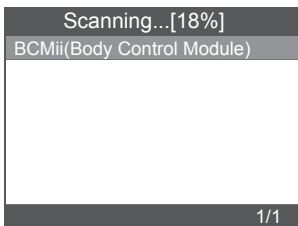
2. FD700 Caractéristiques

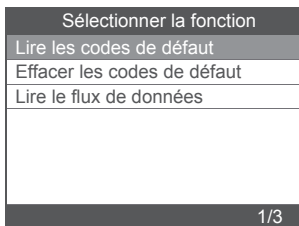
2.1 Fonctions de base

Choisissez [Pour Ford] et il s'affiche comme suit:



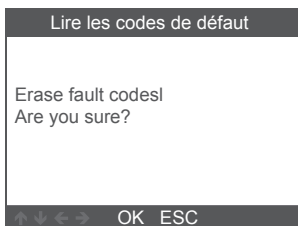
[Analyse système] consiste à analyser tous les systèmes du véhicule. Appuyez sur [Analyse système] et il s'affiche comme suit:



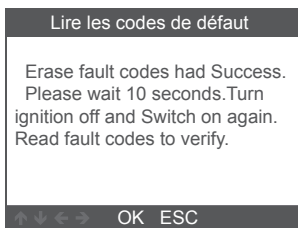


2.1.2 Effacer les codes d'erreur

Choisissez [Effacer les codes d'erreur] puis appuyez sur le bouton [OK], l'écran s'affiche comme suit:



Vous devez appuyer à nouveau sur [OK] pour effacer les codes d'erreur. Il apparaît comme suit après avoir effacé les codes d'erreur.



Si vous abandonnez l'effacement des codes d'erreur, veuillez appuyer sur le bouton [ESC].

2.1.3 Lire le flux de données

Choisissez [Lire le flux de données] puis appuyez sur le bouton [OK], l'écran s'affiche comme suit:

Sélectionner la fonction
Lire les codes de défaut
Effacer les codes de défaut
Lire le flux de données

3/3

Lire le flux de données
Afficher tous les articles
Choisir les articles

1/2

Choisissez [View All Items], puis appuyez sur le bouton [OK], l'écran s'affiche comme suit:

Lire le flux de données	
A/C Pressure Sensor Voltage[Voits]	1.40
A/C clutch output fault detected.	NO Fault
CMP and CKP Synchronized	Yes
o2s11 Status	NO Fault
o2s11 is warm and ready to operate.	Yes

1-5/471

Choisissez [Select Items] puis appuyez sur le bouton [OK], l'écran s'affiche comme suit:

Flux de données
View All Items
Select Items

2/2

Sélectionner le flux de données	
[]	All Datastream of Page
[]	A/C Pressure Sensor Voltage
[]	A/C clutch output fault detected.
[]	A/C Pressure sensor
[]	CMP and CKP Synchronized

1-4/284

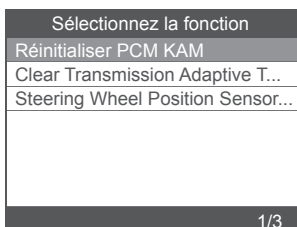
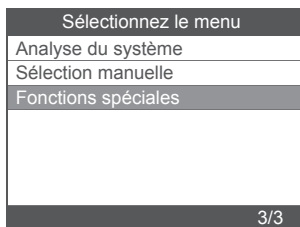
Appuyez sur les boutons [GAUCHE] et [DROITE] pour paginer, appuyez sur les boutons [UP] et [DOWN] pour sélectionner un par un.

2.2 Fonctions spéciales principaux

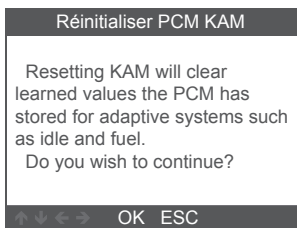
Différents modèles de voitures ont différentes fonctions spéciales. (Voici quelques fonctions spéciales courantes. Si vous souhaitez en savoir plus sur les fonctionnalités spéciales du FD700, veuillez nous appeler ou nous envoyer un e-mail.)

2.2.1 Réinitialiser PCM KAM

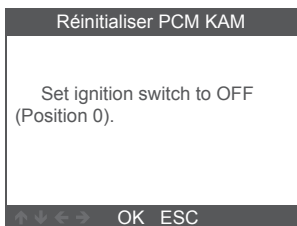
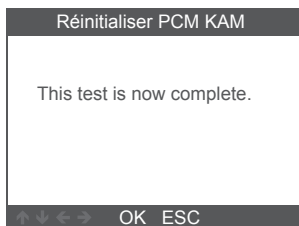
Choisissez [Fonctions spéciales] et il s'affiche comme suit:



Choisissez [Réinitialiser PCM KAM] et il s'affiche comme suit:

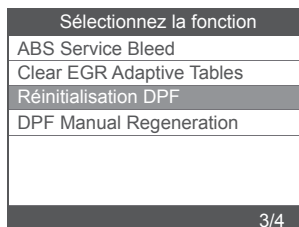
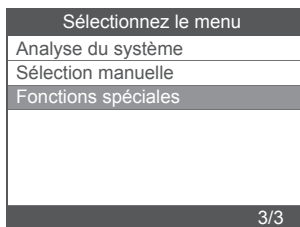


Appuyez sur le bouton [OK] pour passer à la fonction spéciale suivante et terminer:

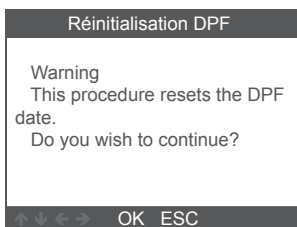


2.2.2 Réinitialisation DPF

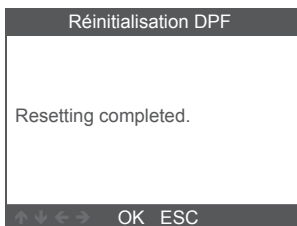
Choisissez [Fonctions spéciales] et il s'affiche comme suit:



Appuyez sur le bouton [OK] pour passer au suivant:

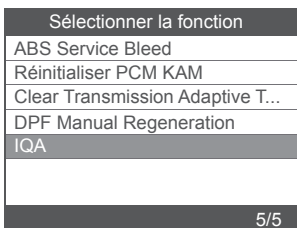


Appuyez sur le bouton [OK] pour passer au suivant:

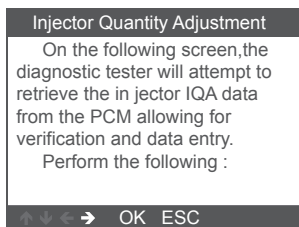
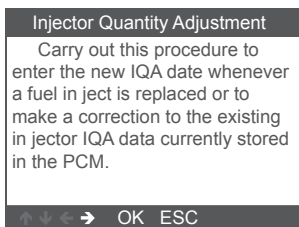


2.2.3 Injector Quantity Adjustment(IQA)

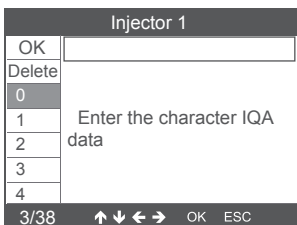
Dans le système Engine, choisissez [Fonction spéciale] et il s'affiche comme suit:



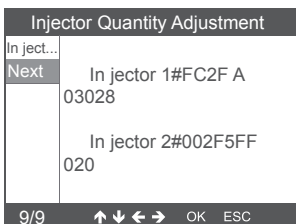
Choisissez [Injector Quantity Adjustment] et il s'affiche comme suit:



Appuyez sur le bouton [OK] pour passer à l'étape suivante:



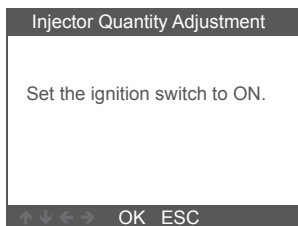
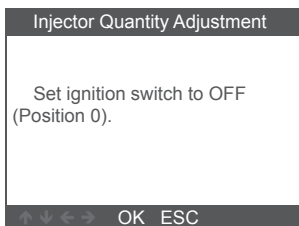
Appuyez sur le bouton [OK], vous devrez valider les valeurs manuellement et il s'affiche comme suit:



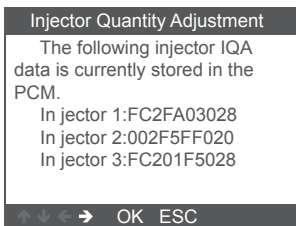
Appuyez sur le bouton gauche pour descendre la page de sélection des caractères.

Appuyez sur le bouton droit pour afficher la page d'informations vers le bas.

Appuyez sur le bouton [OK] pour passer au suivant:



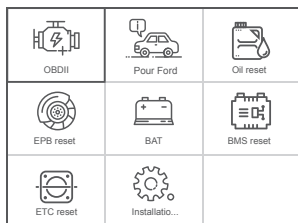
Appuyez sur le bouton [OK] pour passer au suivant:



Remarque: différents modèles peuvent avoir des configurations différentes et des fonctionnalités spéciales peuvent être différentes.

3 Diagnostic OBDII

Choisissez [OBDII] et il s'affiche comme suit:



Select System Diagnose	
J1850 VPW	[fail]
J1850 PWM	[fail]
ISO15765-4 CAN (11bit)	[fail]
ISO15765-4 CAN (29bit)	[]
ISO14230-4 KWP	[]
ISO14230-4 KWP(5BPS)	[]
ISO9141	[]
Processing	

3.1 Read Codes

1. Sélectionnez [Read Codes], puis appuyez sur [OK]

Diagnostic Menu
Read Codes
Erase Codes
I/M Readiness
Data Stream
Evap System Test
Vehicle Information
1/6

Si aucun code de diagnostic n'est présent, l'écran indique "Aucun code (en attente) n'est stocké dans le module!"
Attendre un
quelques secondes ou appuyez sur n'importe quelle touche pour
revenir au menu de diagnostic.

2. Afficher les DTC et leurs définitions à l'écran

(Le numéro du module de commande; séquence des codes d'anomalie; nombre total de codes détectés; type de codes (générique ou spécifique au fabricant))

DTC	
P1113	1/3
FORD	Pending
IAT Sensor Open/Short	
↑ ↓ ← → OK ESC	

3.2 Erase Codes

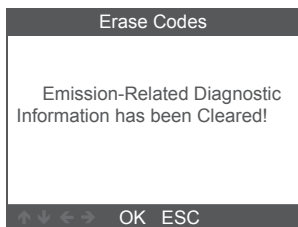
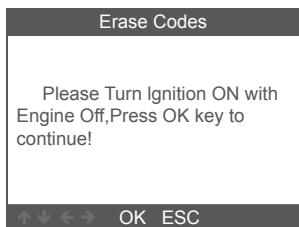
1. Sélectionnez [Erase Codes], puis appuyez sur [OK]

Diagnostic Menu
Read Codes
Erase Codes
I/M Readiness
Data Stream
Evap System Test
Vehicle Information
2/6

2. Un message d'avertissement s'affiche pour vous demander votre confirmation.

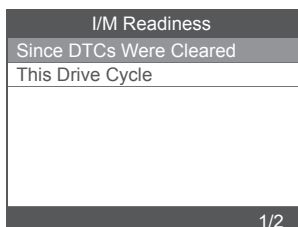
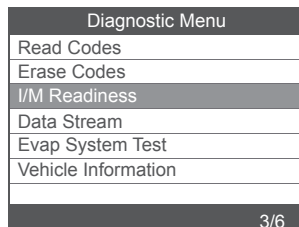
Erase Codes
Clear/Reset Emission-Related Diagnostic Information,Are you sure?

3. Appuyez sur [OK] pour confirmer.



3.3 I/M Readiness

Sélectionnez l'option I/M Readiness, appuyez sur [OK], l'écran s'affichera comme suit:



Utilisez le bouton HAUT ou Bas pour sélectionner, puis appuyez sur [OK], l'écran s'affichera comme suit

I/M Readiness	
Misfire monitor	OK
Fuel system monitor	OK
Comprehensive component monitor	OK
Catalyst monitor	INC
Heated catalyst monitor	N/A

1-5/10

N / A signifie non disponible sur ce véhicule, INC signifie incomplet ou pas prêt, OK signifie Terminé ou Moniteur OK.

3.6 Vehicle Information

Choisissez [Vehicle Information] et il s'affiche comme suit:









Diagnostic Menu
Read Codes
Erase Codes
I/M Readiness
Data Stream
Evap System Test
Vehicle Information
6/6

Vehicle Information
Vehicle Identification Number (VIN) LV5FBFAC94F020950
Calibration Identifications(CID) 000007550753
Calibration Venfication Number (CVN) B5073064
↑ ↓ ← → OK ESC

4. Configuration de l'outil

4.1 Langue

Choisissez [Langue] et il s'affiche comme suit:

 OBDII	 Pour Ford	 Oil reset
 EPB reset	 BAT	 BMS reset
 ETC reset	 Installatio...	

Installation de l'outil
Langue
Beeper
Instruction(Affichage au démar...)
Unité de mesure
Style de peau
Feedback the test result
Informations de l'équipement
1/7

Langue
English
Français
Deutsch
Español
русский
Português
Svenska
2/10

Langue
Dansk
Suomalainen
Norsk språk
8/10

Sicherheitsvorkehrungen

Lesen Sie dieses Handbuch sorgfältig durch, bevor Sie FD700 verwenden, um Verletzungen des Körpers oder Ihres Autos zu vermeiden.

1. Der im Handbuch beschriebene Testprozess ist im Allgemeinen die Erfahrung eines Technikers.
2. In den meisten Fällen sind Sicherheitsvorkehrungen erforderlich den Prozess, um Körperverletzungen und Schäden am Gerät oder Ihrem Auto zu vermeiden.
3. Lesen Sie das Fahrzeugwartungshandbuch, bevor Sie dieses Gerät verwenden und befolgen Sie die Sicherheitsvorkehrungen.
4. Bei laufendem Motor entstehen CO und andere giftige Luft. Vermeiden Bitte reparieren Sie das Auto an einem gut belüfteten Ort.
5. Wenn der Motor läuft, viele Teile (wie der Kühlmittellüfter, Riemenscheiben, Keilriemen usw.) drehen sich mit hoher Geschwindigkeit. Um ernsthafte Verletzungen zu vermeiden, Achten Sie immer auf bewegliche Teile. Halten Sie einen sicheren Abstand zu diesen Teile sowie andere sich möglicherweise bewegende Objekte.
6. Motorteile werden bei laufendem Motor sehr heiß. Berühren Sie keine heißen Motorteile, um schwere Verbrennungen zu vermeiden.

7. Kraftstoff- und Batteriedämpfe sind leicht entflammbar. Um eine Explosion zu verhindern, Halten Sie alle Funken, erhitzten Gegenstände und offenen Flammen von der Batterie fern und Kraftstoff / Kraftstoffdämpfe. Rauchen Sie während des Tests nicht in der Nähe des Fahrzeugs.

Abdeckung

1. Unterstützt die Fahrzeuge von Ford, Lincoln und Mercury nach 1996 mit 16PIN-Buchse, einschließlich F150, Transit, VAN.
2. Unterstützt OBDII / EOBD-Betriebsarten

Product specification

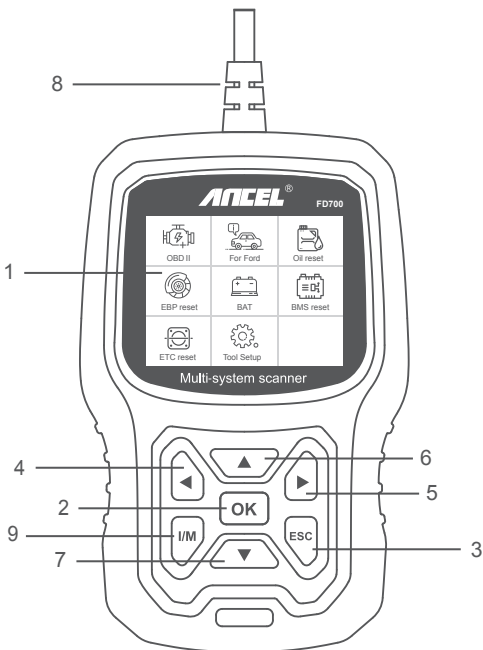
2.8"LCD,320 X 240 pixels color screen

Operating Voltage: 8V-18V

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


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

Aussehen und Schlüsselbeschreibungen



1. LCD-ANZEIGE - Zeigt die Testergebnisse an. Hintergrundbeleuchtetes Display mit 320 x 240 Pixel
2. OK-TASTE - Bestätigt eine Auswahl (oder Aktion) aus einem Menü.
3. ESC-TASTE - Bricht eine Auswahl (oder Aktion) aus einem Menü ab oder kehrt zum Menü zurück.
4. LINKE SCROLL-TASTE - Gehen Sie im Hauptmenü-Modus zum linken Menü. Wenn mehr als ein Datenbildschirm abgerufen wird, können Sie mit der linken Taste zu den vorherigen Bildschirmen wechseln.

5. RECHTE SCROLL-TASTE - Gehen Sie im Hauptmenü-Modus zum rechten Menü. Wenn mehr als ein Datenbildschirm abgerufen wird, können Sie mit der rechten Maustaste zum nächsten Bildschirm wechseln, um weitere Daten zu erhalten.
6. UP-SCROLL-TASTE - Bewegt sich im Hauptmenümodus durch die Menüelemente: Wenn mehr als ein Datenbildschirm abgerufen wird, können Sie mit der Up-Taste zu den vorherigen Bildschirmen wechseln.
7. DOWN SCROLL-TASTE - Bewegt sich im Hauptmenümodus durch die Menüelemente. ; Wenn mehr als ein Datenbildschirm abgerufen wird, können Sie mit der Abwärts-Taste zum nächsten Bildschirm wechseln, um zusätzliche Daten zu erhalten.
8. OBD-16PIN-ANSCHLUSS - Verbindet den Diagnose-Tester mit dem Data Link Connector (DLC) des Fahrzeugs.
9. "I / M" -TASTE - Eine Momentaufnahme der emissionsbezogenen Systemzustände - d. H. Fehlzündungsmonitor, EVAP-Systemmonitor usw.

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

Bemerkungen:

MIL Gelb - Dashboard MIL EIN

MIL Gray-Dashboard MIL OFF

∅ -nicht unterstützt

✓ -Komplett

✗ -unvollständig

BEDIENUNGSANLEITUNGEN

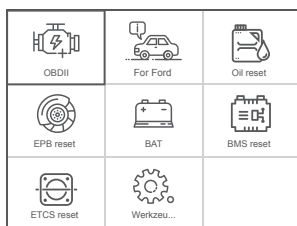
1. Schließen Sie FD700 an

1.1 Schalten Sie die Zündung ein.

1.2 Suchen Sie den 16-poligen Data Link Connector (DLC) des Fahrzeugs.



(Haupt-Schnittstelle)



(Hauptmenü)

Hauptmenüfunktionen:

1.3[OBDII]: Erkennen Sie das Motorsystem.

[Für Ford]: Testen Sie alle Systeme.

[Öl zurücksetzen]: Ölwechsel zurückgesetzt

[EPB-Reset]: EPB-Bremsbelag-Reset

[BAT]: Zum Ablesen der Echtzeit-Batteriespannung

[BMS-Reset]: Zurücksetzen des Batteriemanagementsystems

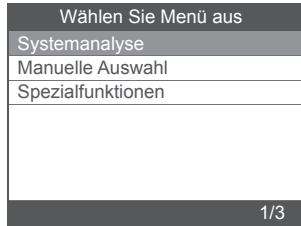
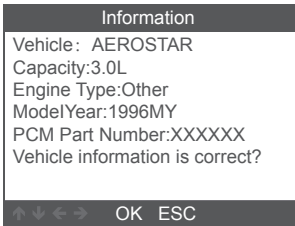
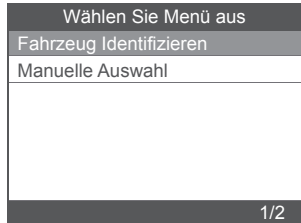
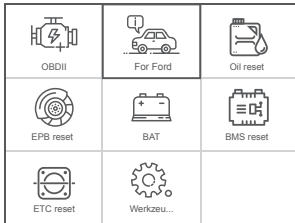
[ETC-Reset]: Zurücksetzen der elektrischen Drosselklappensteuerung

[Tool Setup]: Sprache / Piepser / Anweisungen (Anzeige beim Start) / Maßeinheit / Hautstil / Feedback zum Testergebnis

2. FD700 Funktionen

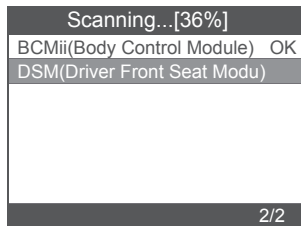
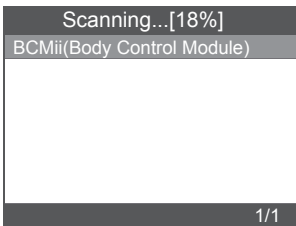
2.1 Grundfunktionen

Wählen Sie [For Ford] und es wird wie folgt angezeigt:



[Systemanalyse] dient zum Scannen aller Fahrzeugsysteme.

Drücken Sie [Systemanalyse] und es wird Folgendes angezeigt:



Scanning...[81%]	
BCMii(Body Control Module)	OK
PCM(Power train Control M...)	OK
PDM(Passenger Front Door	
3/3	

Select System Diagnose	
BCMii(Body Control Module)	OK
PCM(Power train Control M...)	OK
1/2	

Mit [Manuelle Auswahl] werden alle möglichen Systeme angezeigt. Wählen Sie eines der zu diagnostizierenden Systeme aus.

Wählen Sie [Manuelle Auswahl] und es wird wie folgt angezeigt:

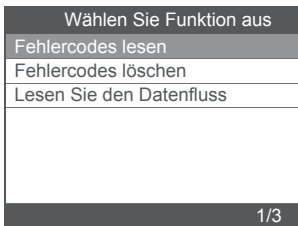
Wählen Sie Menü aus	
Systemanalyse	
Manuelle Auswahl	
Spezialfunktionen	
2/3	

Wählen Sie System aus diagnose	
ABS(Antilock braking system)	
BCMii(Body Control Module)	
DDM(Driver Front Door Module)	
DSM(Driver Front Seat Module)	
GWM(Gateway Module A)	
HVAC(Heating Ventilation Air C..)	
IPC(Intrument Panel Control M...)	

Wählen Sie System aus diagnose	
PCM(Power train Control Module)	
PDM(Passenger Front Door Mo...)	
PSCM(Power Steering Control...)	
RCM(Restraint Control Module)	

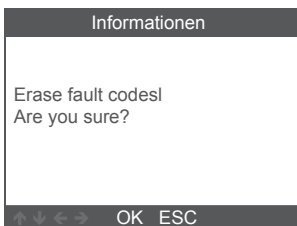
2.1.1 Fehlercodes lesen

Wählen Sie [Fehlercodes lesen]. Drücken Sie die Auf- oder Ab-Taste, um dies zu überprüfen jeder Fehlercode wie folgt:

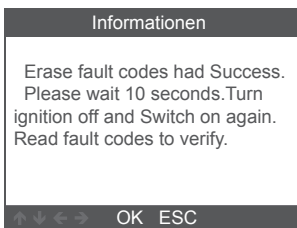


2.1.2 Fehlercodes löschen

Wählen Sie [Fehlercodes löschen] und drücken Sie die Taste [OK].
Der Bildschirm wird wie folgt angezeigt:



Sie müssen erneut [OK] drücken, um die Fehlercodes zu löschen.
Nach dem Löschen der Fehlercodes wird Folgendes angezeigt.



If you give up clearing fault codes, please press [ESC] button.

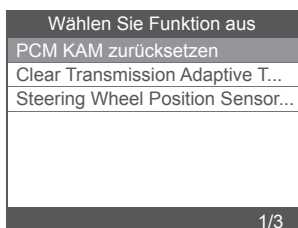
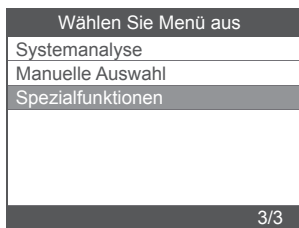
2.2 Hauptspezialfunktionen

Unterschiedliche Automodelle haben unterschiedliche Sonderfunktionen.

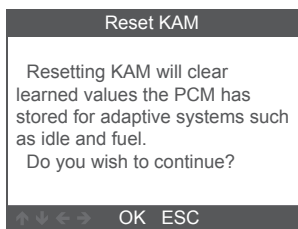
(Hier sind einige allgemeine Sonderfunktionen. Wenn Sie mehr über die Besonderheiten des FD700 erfahren möchten, rufen Sie uns bitte an oder senden Sie uns eine E-Mail.)

2.2.1 PCM KAM zurücksetzen

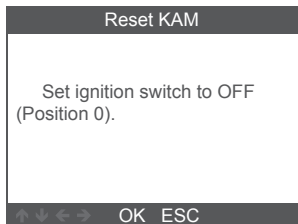
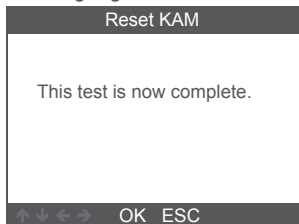
Wählen Sie [Spezialfunktionen] und es wird wie folgt angezeigt:



Wählen Sie [PCM KAM zurücksetzen] und es wird wie folgt angezeigt:

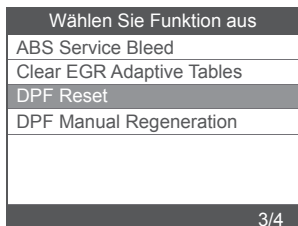
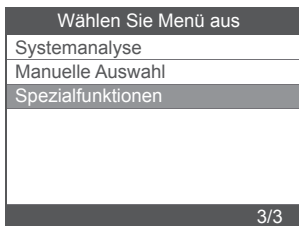


Drücken Sie die [OK] -Taste, um fortzufahren und den Sonderfunktionsvorgang abzuschließen:

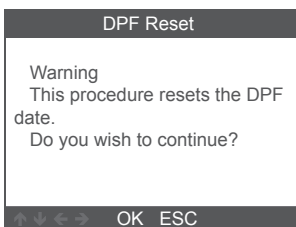


2.2.2 DPF-Reset

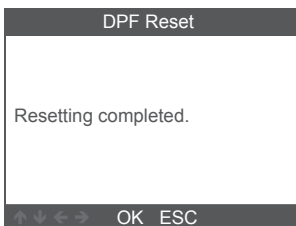
Wählen Sie [Spezialfunktionen] und es wird wie folgt angezeigt:



Drücken Sie die [OK] -Taste, um fortzufahren:



Drücken Sie die [OK] -Taste, um fortzufahren:



2.2.3 Injector Quantity Adjustment

Wählen Sie im Motorsystem [Sonderfunktion] und es wird angezeigt wie folgt:

Select Function
ABS Service Bleed
Reset TCM KAM
Clear Transmission Adaptive T...
DPF Manual Regeneration
IQA

5/5

Wählen Sie [Injector Quantity Adjustment] und es wird Folgendes angezeigt:

Injector Quantity Adjustment

Carry out this procedure to enter the new IQA date whenever a fuel in ject is replaced or to make a correction to the existing in jector IQA data currently stored in the PCM.

↑ ↓ ← → OK ESC

Injector Quantity Adjustment

On the following screen,the diagnostic tester will attempt to retrieve the in jector IQA data from the PCM allowing for verification and data entry.

Perform the following :

↑ ↓ ← → OK ESC

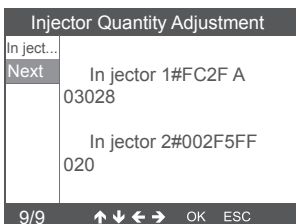
Press [OK] button to next step:

Injector 1

OK	
Delete	
0	
1	Enter the character IQA data
2	
3	
4	

3/38 ↑ ↓ ← → OK ESC

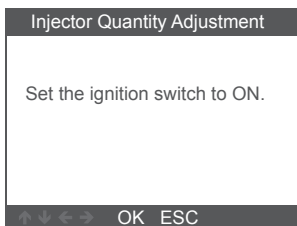
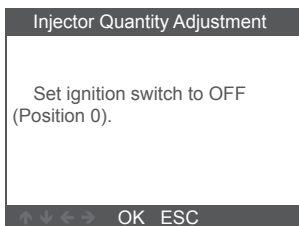
Drücken Sie die [OK] -Taste. Sie müssen die Werte manuell und OK bestätigen Es wird wie folgt angezeigt:



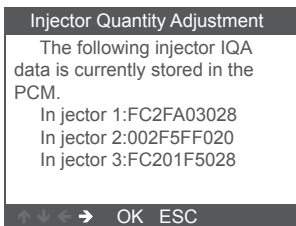
Drücken Sie die linke Taste, um die Zeichenauswahl nach unten zu verschieben.

Drücken Sie die rechte Taste, um die Informationsseite nach unten zu öffnen.

Drücken Sie die [OK] -Taste, um fortzufahren:



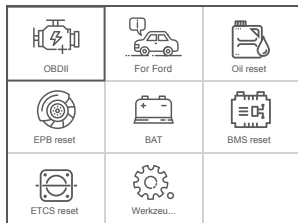
Drücken Sie die [OK] -Taste, um fortzufahren:



Hinweis: Unterschiedliche Modelle können unterschiedliche Konfigurationen und Sonderfunktionen aufweisen.

3 OBDII-Diagnose

Wählen Sie [OBDII] und es wird wie folgt angezeigt:



Select System Diagnose	
J1850 VPW	[fail]
J1850 PWM	[fail]
ISO15765-4 CAN (11bit)	[fail]
ISO15765-4 CAN (29bit)	[]
ISO14230-4 KWP	[]
ISO14230-4 KWP(5BPS)	[]
ISO9141	[]
Processing	

3.1 Read Codes

1. Wählen Sie [Read Codes] und drücken Sie dann [OK].

Diagnostic Menu
Read Codes
Erase Codes
I/M Readiness
Data Stream
Evap System Test
Vehicle Information
1/6

Wenn keine Diagnosefehlercodes vorhanden sind, wird die Anzeige angezeigt zeigt an, dass keine (ausstehenden) Codes im Modul gespeichert sind! Warte eine einige Sekunden oder drücken Sie eine beliebige Taste, um zum Diagnosemenü zurückzukehren.

2. 1) Zeigen Sie DTCs und ihre Definitionen auf dem Bildschirm an

(Die Nummer des Steuermoduls; Reihenfolge der DTCs;
Gesamtzahl der erkannten Codes; Art der Codes (generisch vom
Hersteller)

DTC	
P1113	1/3
FORD	Pending
IAT Sensor Open/Short	
↑ ↓ ← → OK ESC	

3.2 Erase Codes

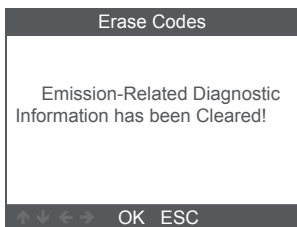
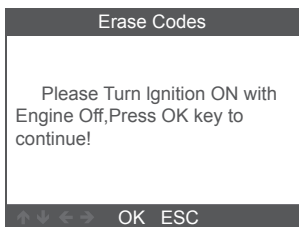
1. Wählen Sie [Erase Codes] und drücken Sie dann [OK].

Diagnostic Menu
Read Codes
Erase Codes
I/M Readiness
Data Stream
Evap System Test
Vehicle Information
2/6

2. Eine Warnmeldung fordert Sie zur Bestätigung auf.

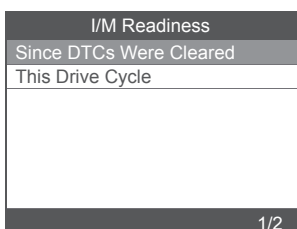
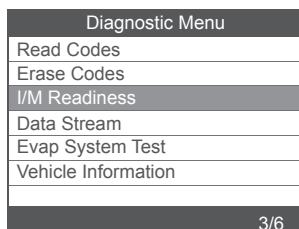
Erase Codes
Clear/Reset Emission-Related Diagnostic Information, Are you sure?

3. Drücken Sie zur Bestätigung [OK].



3.3 I/M Readiness

Wählen Sie die Option I/M Readiness und drücken Sie [OK]. Der Bildschirm wird wie folgt angezeigt:



Verwenden Sie die UP- oder Down-Taste, um auszuwählen, und drücken Sie dann [OK]. Der Bildschirm wird wie folgt angezeigt

I/M Readiness	
Misfire monitor	OK
Fuel system monitor	OK
Comprehensive component monitor	OK
Catalyst monitor	INC
Heated catalyst monitor	N/A
1-5/10	

N / A bedeutet, dass dieses Fahrzeug nicht verfügbar ist, INC bedeutet unvollständig oder nicht bereit, OK bedeutet Abgeschlossen oder Überwachung OK.

3.6 Vehicle Information

Wählen Sie [Vehicle Information] und es wird wie folgt angezeigt:









Diagnostic Menu
Read Codes
Erase Codes
I/M Readiness
Data Stream
Evap System Test
Vehicle Information
6/6

Vehicle Information
Vehicle Identification Number (VIN) LVSFBFAC94F020950
Calibration Identifications(CID) 000007550753
Calibration Venfication Number (CVN) B5073064
↑ ↓ ← → OK ESC

4. Werkzeug-Setup

4.1 Sprache

Wählen Sie [Sprache] und es wird wie folgt angezeigt:

 OBDII	 For Ford	 Oil reset
 EPB reset	 BAT	 BMS reset
 ETCS reset	 Werkzeug...	

Werkzeugeinrichtung
Sprache
Piepser
Anweisungen
Maßeinheit
Hautstil
Feedback the test result
Geräteinformationen
1/7

Sprache
English
Français
Deutsch
Español
русский
Português
Svenska
3/10

Sprache
Dansk
Suomalainen
Norsk språk
8/10

4.5 Hautstil

Wählen Sie Hautstil und es wird wie folgt angezeigt:

Werkzeugeinrichtung
Sprache
Piepser
Anweisungen
Maßeinheit
Hautstil
Feedback the test result
Geräteinformationen

5/7

Hautstil
Himmel Grau
Gem Blau

1/2

Precauciones de seguridad

Para evitar lesiones corporales y daños al dispositivo o su automóvil, lea este manual detenidamente antes de usar FD700.

1. El proceso de prueba descrito en el manual es generalmente la experiencia del técnico.
2. Se requiere precaución de seguridad en la mayoría de El proceso para evitar lesiones corporales y daños al dispositivo o su automóvil.
3. Lea el manual de mantenimiento del vehículo antes de usar este dispositivo y siga las precauciones de seguridad.
4. Genera CO y otro aire venenoso cuando el motor está funcionando. Para evitar este tipo de daño, repare el automóvil en un lugar bien ventilado.
5. Cuando el motor está funcionando, muchas partes (como el ventilador del refrigerante, poleas, correa del ventilador, etc.) rotan a alta velocidad. Para evitar lesiones graves, Esté siempre atento a las partes móviles. Mantenga una distancia segura de estos partes, así como otros objetos potencialmente móviles.
6. Las piezas del motor se calientan mucho cuando el motor está funcionando. No toque las partes calientes del motor para evitar quemaduras graves.
7. Los vapores de combustible y batería son altamente inflamables. Para evitar una explosión, Mantenga todas las chispas, elementos calientes y llamas abiertas lejos de la batería y vapores de combustible / combustible. No fume cerca del vehículo durante las pruebas.

Cobertura

1. Admite los vehículos de Ford, Lincoln y Mercury después de 1996 con 16PIN Socket, incluidos F150, Transit, VAN.
2. admite modos de operación OBDII / EOBD

Especificaciones del producto

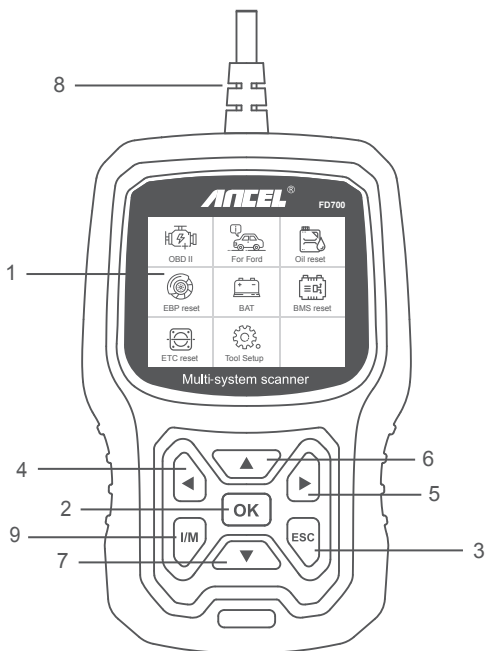
Pantalla LCD a color de 2.8 ", 320 X 240 píxeles

Voltaje de funcionamiento: 8 V-18 V


Temperatura de funcionamiento: 0 ° C-60 ° C (32-140 ° F)

Temperatura de almacenamiento: -20 ° C-70 ° C (4-158 ° F)

Apariencia y descripciones clave



1. PANTALLA LCD - Indica los resultados de la prueba. Pantalla retroiluminada de 320 x 240 píxeles
2. BOTÓN OK: confirma una selección (o acción) de un menú.
3. BOTÓN ESC: cancela una selección (o acción) de un menú o vuelve al menú.
4. BOTÓN DE DESPLAZAMIENTO IZQUIERDO: mueva al menú izquierdo en el modo del menú principal; Cuando se recupera más de una pantalla de datos, use el botón izquierdo para pasar a las pantallas anteriores.
5. BOTÓN DE DESPLAZAMIENTO DERECHO: mueva al menú derecho en el modo del menú principal; Cuando se recupera más de una pantalla de datos, use el botón derecho para pasar a la siguiente pantalla para obtener datos adicionales.
6. BOTÓN DE DESPLAZAMIENTO HACIA ARRIBA: se mueve hacia arriba a través de los elementos del menú en el modo del menú principal more Cuando se recupera más de una pantalla de datos, use el botón hacia arriba para pasar a las pantallas anteriores.
7. BOTÓN DE DESPLAZAMIENTO ABAJO: se mueve hacia abajo a través de los elementos del menú en el modo del menú principal.
8. CONECTOR OBD-16PIN: conecta la herramienta de escaneo al conector de enlace de datos (DLC) del vehículo.
9. BOTÓN "I / M": una instantánea de los estados de los sistemas relacionados con las emisiones, es decir, el monitor de fallo de encendido, el monitor del sistema EVAP, etc.

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

Observaciones:

MIL Amarillo- Tablero MIL ON

MIL Gray-Dashboard MIL OFF

⊘ -no apoyo

✓ -completar

✗ -sin completar

INSTRUCCIONES DE OPERACIÓN

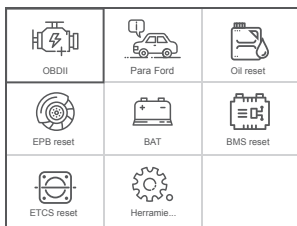
1. Conecte FD700

1.1 Encienda el encendido.

1.2 Localice el conector de enlace de datos (DLC) de 16 pines del vehículo.



(Interfaz principal)



(Menú principal)

1.3 Funciones del menú principal:

[OBDII]: Detecta el sistema del motor.

[Para Ford]: prueba todos los sistemas.

[Reinicio de aceite]: reinicio de cambio de aceite

[Reinicio EPB]: reinicio de la pastilla de freno EPB

[BAT]: para leer el voltaje de la batería en tiempo real

[Reinicio BMS]: reinicio del sistema de administración de la batería

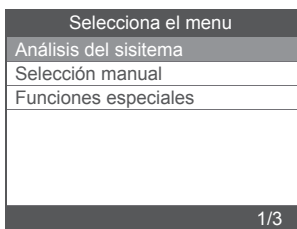
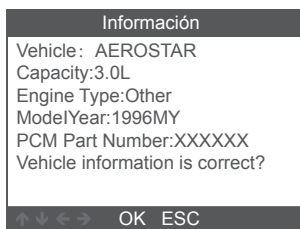
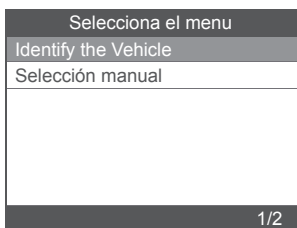
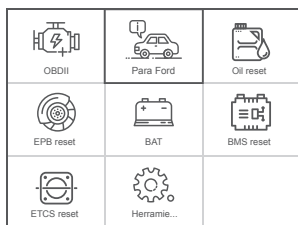
[Reinicio ETC]: reinicio del control del acelerador eléctrico

[Configuración de la herramienta]: Idioma / Beeper / Instrucciones (Pantalla al inicio) / Unidad de medida / Estilo de piel / Comentarios sobre el resultado de la prueba

2. Características del FD700

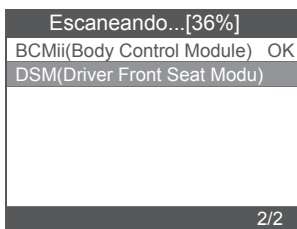
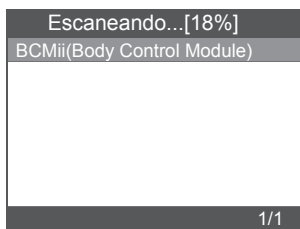
2.1 Funciones básicas

Elija [Para Ford] y se muestra de la siguiente manera:



[Análisis del sistema] es escanear todos los sistemas del vehículo.

Pulse [Análisis del sistema] y se muestra de la siguiente manera:



Escaneando...[81%]	
BCMii(Body Control Module)	OK
PCM(Power train Control M...)	OK
PDM(Passenger Front Door	
3/3	

Seleccionar el Sistema Diagnose	
BCMii(Body Control Module)	OK
PCM(Power train Control M...)	OK
1/2	

[Selección manual] es para mostrar todos los sistemas posibles, seleccione uno de los sistemas para diagnosticar.

Elija [Selección manual] y se mostrará de la siguiente manera:

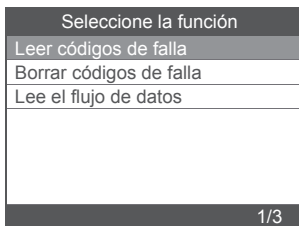
Selecciona el menu	
Análisis del sistema	
Selección manual	
Funciones especiales	
2/3	

Seleccionar el Sistema Diagnose	
ABS(Antilock braking system)	
BCMii(Body Control Module)	
DDM(Driver Front Door Module)	
DSM(Driver Front Seat Module)	
GWM(Gateway Module A)	
HVAC(Heating Ventiletion Air C..)	
IPC(Intrument Panel Control M...)	
1/11	

Seleccionar el Sistema Diagnose	
PCM(Power train Control Module)	
PDM(Passenger Front Door Mo...)	
PSCM(Power Steering Control...)	
RCM(Restraint Control Module)	
8/11	

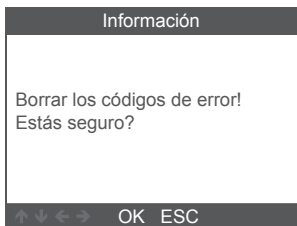
2.1.1 Leer códigos de falla

Elija [Leer códigos de falla]. Presione el botón arriba o abajo para verificar cada código de falla de la siguiente manera:



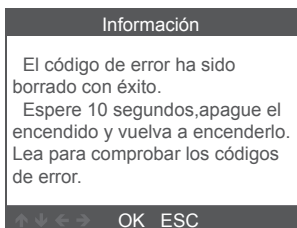
2.1.2 Borrar códigos de falla

Elija [Borrar códigos de falla] luego presione el botón [OK], la pantalla se muestra de la siguiente manera:



Debe presionar [OK] nuevamente para borrar los códigos de falla.

Se muestra a continuación después de borrar los códigos de falla.



Si deja de borrar los códigos de falla, presione el botón [ESC].

2.1.3 Leer flujo de datos

Elija [Leer flujo de datos] y luego presione el botón [OK], la pantalla se muestra de la siguiente manera:

Seleccione la función
Leer códigos de falla
Borrar códigos de falla
Lee el flujo de datos

3/3

Flujo de datos
View All Items
Select Items

1/2

Elija [View All Items] y luego presione el botón [OK], la pantalla se muestra de la siguiente manera:

Flujo de datos	
A/C Pressure Sensor Voltage[Voits]	1.40
A/C clutch output fault detected.	NO Fault
CMP and CKP Synchronized	Yes
o2s11 Status	NO Fault
o2s11 is warm and ready to operate.	Yes

1-5/471

Elija [Select Items] y luego presione el botón [Aceptar], la pantalla se muestra de la siguiente manera:

Flujo de datos
View All Items
Select Items

2/2

Select Datastream	
[]	All Datastream of Page
[]	A/C Pressure Sensor Voltage
[]	A/C clutch output fault detected.
[]	A/C Pressure sensor
[]	CMP and CKP Synchronized

1-4/284

Presione los botones [IZQUIERDA] y [DERECHA] para ir a la página, presione los botones [ARRIBA] y [ABAJO] para seleccionar uno por uno,

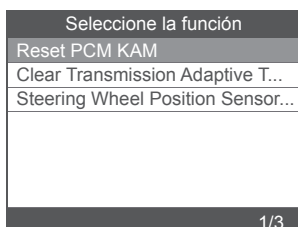
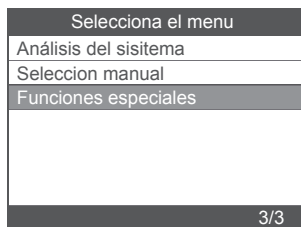
2.2 Funciones especiales principales

Diferentes modelos de automóviles tienen diferentes funciones especiales.

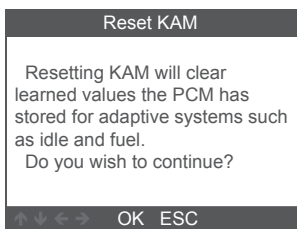
(Estas son algunas funciones especiales comunes. Si desea obtener más información sobre las características especiales del FD700, llámenos o envíenos un correo electrónico).

2.2.1 Restablecer PCM KAM

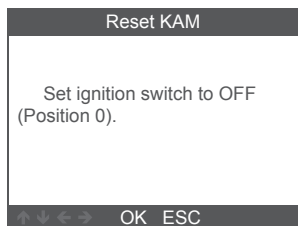
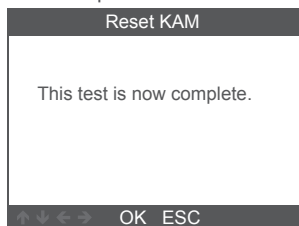
Elija [Funciones especiales] y se mostrará de la siguiente manera:



Elija [Restablecer PCM KAM] y se mostrará de la siguiente manera:

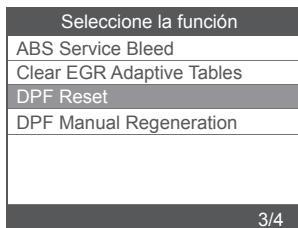
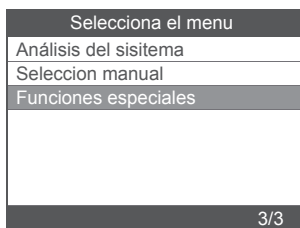


Presione el botón [OK] para continuar y completar la operación de función especial:

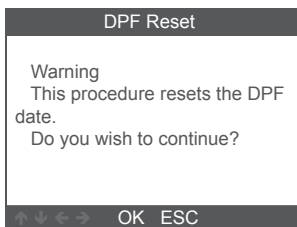


2.2.2 DPF Reset

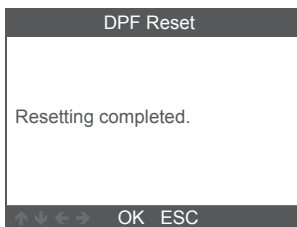
Elija [Funciones especiales] y se mostrará de la siguiente manera:



Presione el botón [OK] para seguir:



Presione el botón [OK] para seguir:



2.2.3 Injector Quantity Adjustment

En el sistema Motor, elija [Función especial] y se mostrará de la siguiente manera:

Select Function
ABS Service Bleed
Reset TCM KAM
Clear Transmission Adaptive T...
DPF Manual Regeneration
IQA

5/5

Elija [Injector Quantity Adjustment] y se mostrará de la siguiente manera:

Injector Quantity Adjustment

Carry out this procedure to enter the new IQA date whenever a fuel in ject is replaced or to make a correction to the existing in jector IQA data currently stored in the PCM.

↑ ↓ ← → OK ESC

Injector Quantity Adjustment

On the following screen,the diagnostic tester will attempt to retrieve the in jector IQA data from the PCM allowing for verification and data entry.

Perform the following :

↑ ↓ ← → OK ESC

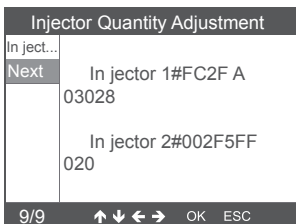
Presione el botón [OK] para el siguiente paso:

Injector 1

OK	
Delete	
0	
1	Enter the character IQA data
2	
3	
4	

3/38 ↑ ↓ ← → OK ESC

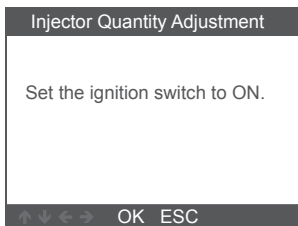
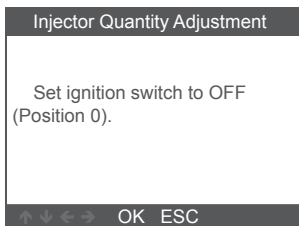
Presione el botón [OK], deberá aceptar los valores manualmente y se muestra de la siguiente manera:



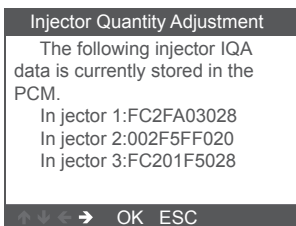
Presione el botón izquierdo para bajar la página de selección de caracteres.

Presione el botón derecho para bajar la página de información.

Presione el botón [OK] para seguir:



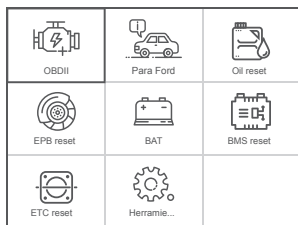
Presione el botón [OK] para seguir:



Nota: diferentes modelos pueden tener diferentes configuraciones y características especiales pueden ser diferentes.

3. OBDII Diagnosticar

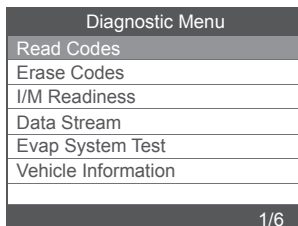
Elija [OBDII] y se mostrará de la siguiente manera:



Entering System	
J1850 VPW	[fail]
J1850 PWM	[fail]
ISO15765-4 CAN (11bit)	[fail]
ISO15765-4 CAN (29bit)	[]
ISO14230-4 KWP	[]
ISO14230-4 KWP(5BPS)	[]
ISO9141	[]
Processing	

3.1 Read Codes

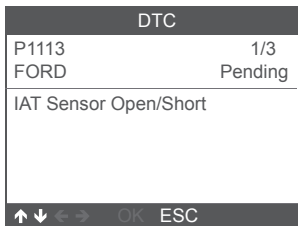
1. Seleccione [Read Codes], luego presione [OK]



Si no hay códigos de diagnóstico de problemas presentes, la pantalla indica "¡No hay códigos (pendientes) almacenados en el módulo!" Espera un unos segundos o presione cualquier tecla para regresar al Menú de diagnóstico.

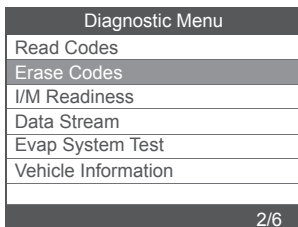
2. Ver DTC y sus definiciones en pantalla

(El número del módulo de control; Secuencia de los DTC; Número total de códigos detectados; Tipo de códigos (Genérico del fabricante específico))

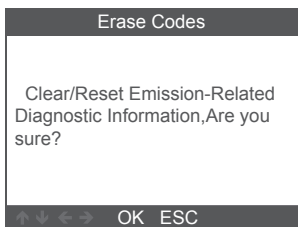


3.2 Erase Codes

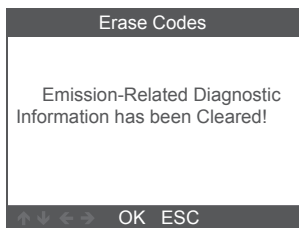
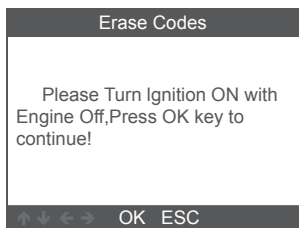
1. Seleccione [Erase Codes], luego presione [OK]



2. Aparece un mensaje de advertencia pidiéndole su confirmación.



3. Presione [OK] para confirmar.



3.3 I/M Readiness

Seleccione la opción I/M Readiness, presione [OK], la pantalla se mostrará de la siguiente manera:

Diagnostic Menu
Read Codes
Erase Codes
I/M Readiness
Data Stream
Evap System Test
Vehicle Information

3/6

I/M Readiness
Since DTCs Were Cleared
This Drive Cycle

1/2

Use el botón ARRIBA o ABAJO para seleccionar, luego presione [OK], la pantalla se mostrará de la siguiente manera

I/M Readiness	
Misfire monitor	OK
Fuel system monitor	OK
Comprehensive component monitor	OK
Catalyst monitor	INC
Heated catalyst monitor	N/A

1-5/10

N / A significa que no está disponible en este vehículo, INC significa incompleto o no está listo, OK significa Completado o Monitor Ok.

3.4 Data Stream

Elija [Data Stream] y se mostrará de la siguiente manera:

Diagnostic Menu
Read Codes
Erase Codes
I/M Readiness
Data Stream
Evap System Test
Vehicle Information

4/6

Datastream
View All Items
Select Items

1/2

Datastream	
Fuel system 1 status	OL
Fuel system 2 status	OL
Calculated LOAD Value	0.0%
Engine Coolant Temperature	-31°C
Short Term Fuel Trim-Bank 1	0.0%

1-5/19

3.5 Evap System Test

Esta función habilita las condiciones necesarias para realizar una prueba de fugas del sistema evaporativo, pero en realidad no ejecuta la prueba. El fabricante del vehículo es responsable de determinar los criterios para detener automáticamente la prueba. Antes de realizar esta función, consulte el manual de reparación de servicio del vehículo para determinar los procedimientos necesarios.

Diagnostic Menu
Read Codes
Erase Codes
I/M Readiness
Data Stream
Evap System Test
Vehicle Information
5/6

Erase System Test
Evaporative system leak test not supported.
↑ ↓ ← → OK ESC

3.6 Vehicle Information

Elija [Vehicle Information] y se mostrará de la siguiente manera:

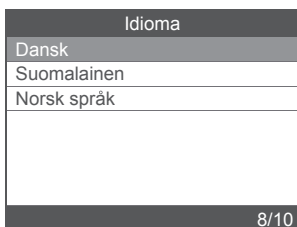
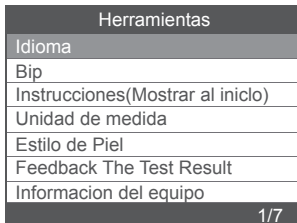
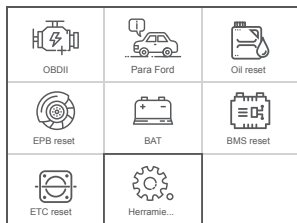
Diagnostic Menu
Read Codes
Erase Codes
I/M Readiness
Data Stream
Evap System Test
Vehicle Information
6/6

Vehicle Information
Vehicle Identification Number (VIN) LV5FBFAC94F020950
Calibration Identifications(CID) 000007550753
Calibration Verification Number (CVN) B5073064
↑ ↓ ← → OK ESC

4. Configuración de la herramienta

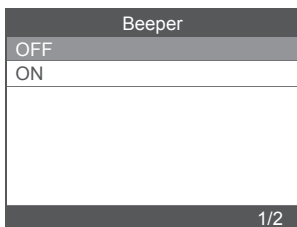
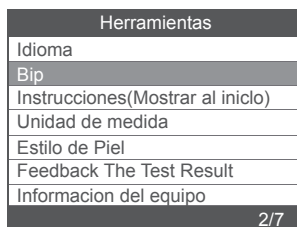
4.1 Idioma

Elija [Idioma] y se mostrará de la siguiente manera:



4.2 Bip

Elija [Bip] y se muestra de la siguiente manera:



Misure di sicurezza

To avoid body injury and damage to the device or your car, please read this manual carefully before using FD700.

1. Il processo di test descritto nel manuale è generalmente l'esperienza del tecnico.
2. Nella maggior parte del processo sono necessarie precauzioni di sicurezza per evitare lesioni personali e danni al dispositivo o all'auto.
3. Leggere il manuale di manutenzione del veicolo prima di utilizzare questo dispositivo e seguire le precauzioni di sicurezza.
4. Genera CO e altra aria velenosa quando il motore è in funzione. Per evitare questo tipo di ferita, si prega di riparare l'auto in un luogo ben ventilato.
5. Quando il motore è in funzione, molte parti (come la ventola del refrigerante, le pulegge, la cinghia della ventola ecc.) Ruotano ad alta velocità. Per evitare lesioni gravi, fare sempre attenzione alle parti in movimento. Mantenere una distanza di sicurezza da queste parti e da altri oggetti potenzialmente in movimento.
6. Le parti del motore diventano molto calde quando il motore è in funzione. Non toccare le parti calde del motore per evitare gravi ustioni.
7. I vapori di carburante e batteria sono altamente infiammabili. Per prevenire un'esplosione, tenere tutte le scintille, gli oggetti riscaldati e le fiamme libere lontano dalla batteria e dai vapori di carburante. Non fumare vicino al veicolo durante le prove.

Copertura

1. Supporta i veicoli di Ford, Lincoln e Mercury dopo il 1996 con presa 16PIN, tra cui F150, Transit, VAN.
2. Supporta le modalità di funzionamento OBDII / EOBD

Specifiche di prodotto

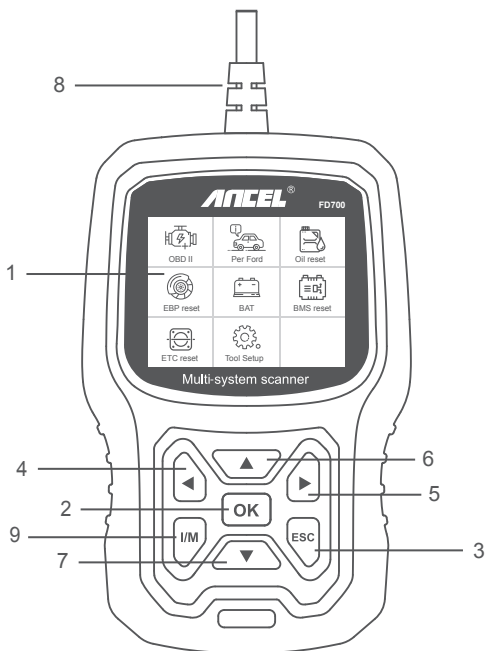
Schermo LCD a 2,8 pollici, 320 X 240 pixel

Tensione di funzionamento: 8 V-18 V.


Temperatura di funzionamento: 0 ° C-60 ° C (32-140 ° F)

Temperatura di stoccaggio: -20 ° C-70 ° C (4-158 ° F)

Aspetto e descrizioni chiave



1. DISPLAY LCD - Indica i risultati del test. Display retroilluminato, 320 x 240 pixel
2. PULSANTE OK - Conferma una selezione (o azione) da un menu.
3. PULSANTE ESC - Annulla una selezione (o azione) da un menu o ritorna al menu.
4. PULSANTE DI SCORRIMENTO SINISTRO - Passa al menu di sinistra nella modalità menu principale; Quando viene recuperata più di una schermata di dati, utilizzare il pulsante sinistro per passare alle schermate precedenti.
5. PULSANTE DI SCORRIMENTO DESTRA - Passa al menu di destra nella modalità menu principale; Quando viene recuperata più di una schermata di dati, utilizzare il pulsante destro per passare alla schermata successiva per ulteriori dati.
6. PULSANTE SCORRIMENTO SU: consente di spostarsi in alto attraverso le voci di menu nella modalità menu principale ; Quando viene recuperata più di una schermata di dati, utilizzare il pulsante su per passare alle schermate precedenti.
7. PULSANTE DI SCORRIMENTO GIÙ: consente di spostarsi in basso attraverso le voci di menu nella modalità menu principale ; Quando viene recuperata più di una schermata di dati, utilizzare il pulsante in basso per passare alla schermata successiva per ulteriori dati.
8. CONNETTORE OBD-16PIN: collega lo strumento di scansione al Data Link Connector (DLC) del veicolo.
9. PULSANTE "I / M" - Un'istantanea degli stati dei sistemi relativi alle emissioni - ad es. Monitor di mancata accensione, monitor del sistema EVAP ecc.

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

Osservazioni:

MIL Giallo - Cruscotto MIL ON

MIL Gray-Dashboard MIL OFF

⊘ - non supporta

✓ - completare

✗ - non complete

ISTRUZIONI DI FUNZIONAMENTO

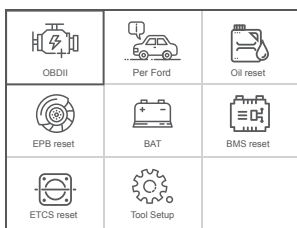
1. Collegare FD700

1.1 Inserire l'accensione.

1.2 Individuare il connettore Data Link (DLC) a 16 pin del veicolo.



((Interfaccia principale)



(Menu principale)

1.3 Funzioni del menu principale :

[OBDII]: rileva il sistema motore.

[Per Ford]: prova tutti i sistemi.

[Ripristino olio]: ripristino cambio olio

[Ripristino EPB]: ripristino pastiglie freno EPB

[BAT]: per leggere la tensione della batteria in tempo reale

[Ripristino BMS]: ripristino del sistema di gestione della batteria

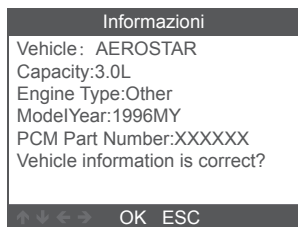
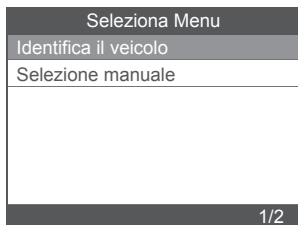
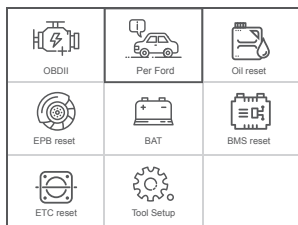
[ETC reset]: reset del comando dell'acceleratore elettrico

[Impostazione strumento]: Lingua / Segnale acustico / Istruzioni (Visualizza all'avvio) / Unità di misura / Stile pelle / Feedback sul risultato del test

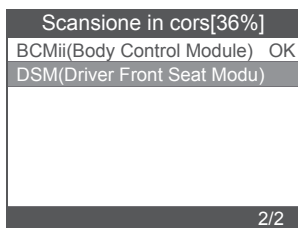
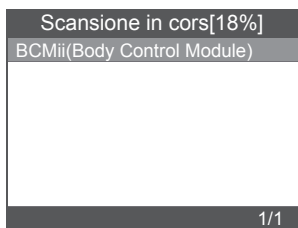
2. FD700 Caratteristiche

2.1 Funzioni di base

Scegli [For Ford] e verrà visualizzato come segue :



[System scan] è la scansione di tutti i sistemi del veicolo. Premere [System scan] e viene visualizzato come segue :



Scansione in cors[81%]	
BCMii(Body Control Module)	OK
PCM(Power train Control M...)	OK
PDM(Passenger Front Door	
3/3	

Seleziona sistema Diagnosticare	
BCMii(Body Control Module)	OK
PCM(Power train Control M...)	OK
1/2	

[Manual select] è per visualizzare tutti i possibili sistemi, selezionare uno dei sistemi da diagnosticare.

Scegli [Manual select] e verrà visualizzato come segue :

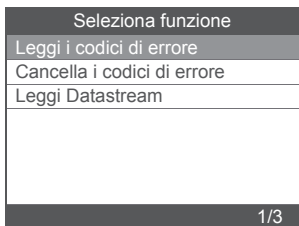
Seleziona Menu	
Scansione di sistema	
Selezione manuale	
Funzioni speciali	
2/3	

Seleziona sistema Diagnosticare	
ABS(Antilock braking system)	
BCMii(Body Control Module)	
DDM(Driver Front Door Module)	
DSM(Driver Front Seat Module)	
GWM(Gateway Module A)	
HVAC(Heating Ventilation Air C..)	
IPC(Intrument Panel Control M...)	
1/11	

Seleziona sistema Diagnosticare	
PCM(Power train Control Module)	
PDM(Passenger Front Door Mo...)	
PSCM(Power Steering Control...)	
RCM(Restraint Control Module)	
8/11	

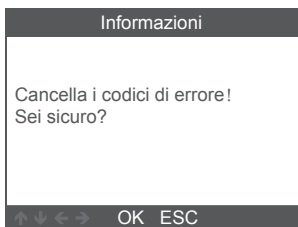
2.1.1 Leggi i codici di errore

Scegliere [Read Fault Codes]. Premere il pulsante su o giù per controllare ciascun codice di errore come segue:



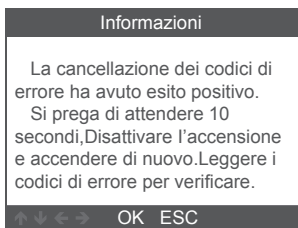
2.1.2 Cancella codici difetto

Scegliere [Erase Fault Codes] quindi premere il tasto [OK], lo schermo verrà visualizzato come segue:



È necessario premere nuovamente [OK] per cancellare i codici difetto.

Viene visualizzato come segue dopo aver cancellato i codici di errore.



Se si rinuncia alla cancellazione dei codici difetto, premere il tasto [ESC].

2.1.3 Leggi Datastream

Scegliere [Read Datastream] quindi premere il tasto [OK], lo schermo verrà visualizzato come segue:

Seleziona funzione
Leggi i codici di errore
Cancella i codici di errore
Leggi Datastream

3/3

Datastream
Visualizza tutti Datastream
Seleziona articoli

1/2

Scegliere [View All Items] quindi premere il tasto [OK], lo schermo visualizza come segue:

Datastream	
A/C Pressure Sensor Voltage[Voits]	1.40
A/C clutch output fault detected.	NO Fault
CMP and CKP Synchronized	Yes
o2s11 Status	NO Fault
o2s11 is warm and ready to operate.	Yes

1-5/471

Scegliere [Select Items] quindi premere il tasto [OK], lo schermo visualizza come segue :

Datastream
Visualizza tutti Datastream
Seleziona articoli

2/2

Seleziona Datastream	
[]	All Datastream of Page
[]	A/C Pressure Sensor Voltage
[]	A/C clutch output fault detected.
[]	A/C Pressure sensor
[]	CMP and CKP Synchronized

1-4/284

Premere i pulsanti [LEFT] e [RIGHT] per passare alla pagina, premere i pulsanti [UP] e [DOWN] per selezionare uno per uno,

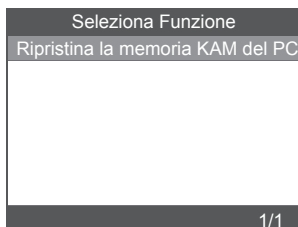
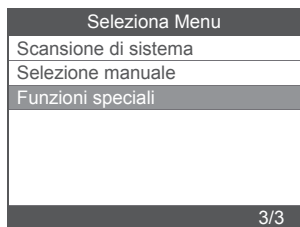
2.2 Principali funzioni speciali

Diversi modelli di auto hanno diverse funzioni speciali.

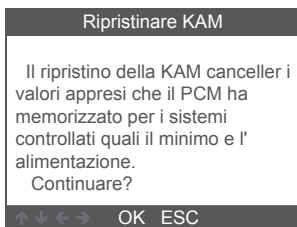
(Ecco alcune funzioni speciali comuni. Se vuoi saperne di più sulle caratteristiche speciali del FD700, chiama o inviaci un'e-mail.)

2.2.1 Ripristina PCM KAM

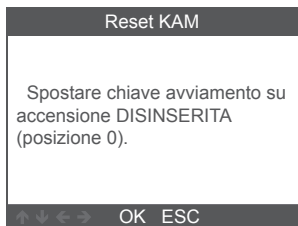
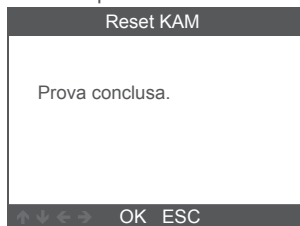
Scegli [Special Functions] e verrà visualizzato come segue



Scegli [Reset PCM KAM] e verrà visualizzato come segue :

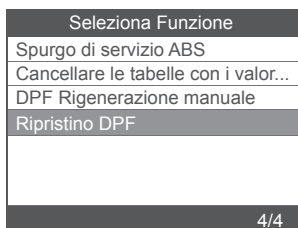
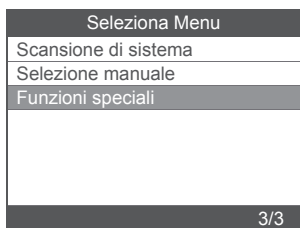


Premere il tasto [OK] per l'operazione successiva e completa la funzione speciale:

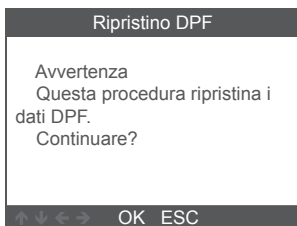


2.2.2 Reset DPF

Scegli [Special Functions] e verrà visualizzato come segue :



Premere il tasto [OK] per passare a quello successivo:



Premere il tasto [OK] per passare a quello successivo:



2.2.3 Regolazione della quantità dell'iniettore

Nel sistema del motore, selezionare [Special Function] e verrà visualizzato come segue:

Selezione Funzione
Spurgo di servizio ABS
Cancellare le tabelle adattative d..
DPF Rigenerazione manuale
Ripristino parametri DPF
IQA
Reset manuale dell'olio
Ripristinare la memoria KAM del..
5/7

Scegliere [Injector Quantity Adjustment] e verrà visualizzato come segue:

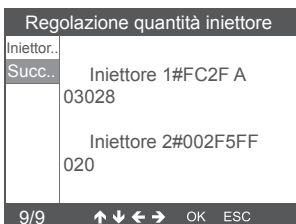
Regolazione quantità iniettore
Eeguire questa procedura per immettere i nuovi dati IQA ogni quavolta che si sostituisce un iniettore o per apportare correzioni ai dati IQA degli iniettori esistenti correntemente
↑ ↓ ← → OK ESC

Regolazione quantità iniettore
Nella schermata seguente, il tester diagnostico tenterà di acquisire i dati IQA dell'iniettore dal PCM consentendo la verifica e l'immissione dati. Effettuare quanto segue:
↑ ↓ ← → OK ESC

Premere il tasto [OK] per il passaggio successivo:

Iniettore 1	
OK	
Delete	
0	
1	Immettere i dati IQA di 10 caratteri.
2	
3	
4	
3/38	
↑ ↓ ← → OK ESC	

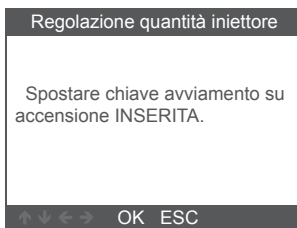
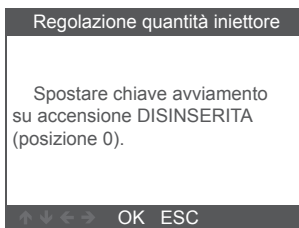
Premere il tasto [OK], sarà necessario OK i valori manualmente e viene visualizzato come segue:



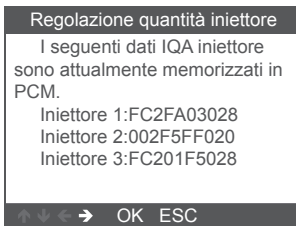
Premi il pulsante sinistro per selezionare la pagina di selezione caratteri.

Premere il pulsante destro per visualizzare la pagina delle informazioni in basso.

Premere il tasto [OK] per passare a quello successivo:



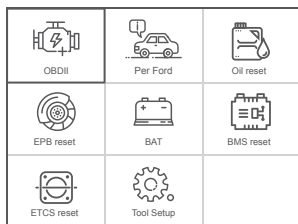
Premere il tasto [OK] per passare a quello successivo:



Nota: modelli diversi possono avere configurazioni diverse e funzionalità speciali potrebbero essere diverse.

3. Diagnosi OBDII

Scegli [OBDII] e verrà visualizzato come segue :



Ingresso al sistema	
J1850 VPW	[fail]
J1850 PWM	[fail]
ISO15765-4 CAN (11bit)	[fail]
ISO15765-4 CAN (29bit)	[]
ISO14230-4 KWP	[]
ISO14230-4 KWP(5BPS)	[]
ISO9141	[]
Elaborazione	

3.1 Leggi i codici

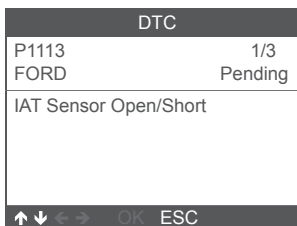
1. Selezionare [Read Codes], quindi premere [OK]

Menù di diagnosi
Lettura codici
Cancellare codici
I/M Readiness
Datastream
Test impianto evap
Informazioni della vettura
1/6

Se non sono presenti codici diagnostici di errore, il display indica "Nessun codice (in sospeso) memorizzato nel modulo!" Aspetta un pochi secondi o premere un tasto qualsiasi per tornare al menu Diagnostica.

2. Visualizza DTC e le loro definizioni sullo schermo

(Il numero del modulo di controllo; Sequenza dei DTC; Numero totale di codici rilevati; Tipo di codici (generico del produttore specifico)



3.2 Cancella codici

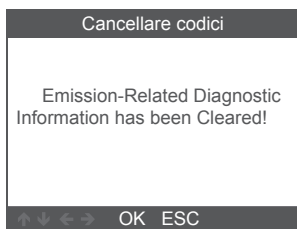
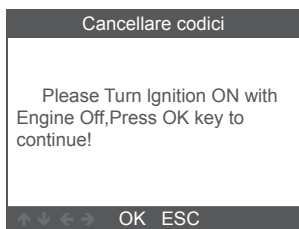
1. Selezionare [Erase codes], quindi premere [OK]



2. Viene visualizzato un messaggio di avviso che richiede la conferma.



3. Premere [OK] per confermare.



Datastream	
Fuel system 1 status	OL
Fuel system 2 status	OL
Calculated LOAD Value	0.0%
Engine Coolant Temperature	-31°C
Short Term Fuel Trim-Bank 1	0.0%

1-5/19

3.5 Test di sistema EVAP

Questa funzione abilita le condizioni necessarie per condurre un test di tenuta del sistema evaporativo, ma non esegue effettivamente il test. Il costruttore del veicolo è responsabile di determinare i criteri per interrompere automaticamente la prova.

Prima di eseguire questa funzione, consultare il manuale di riparazione del veicolo per determinare le procedure necessarie.

Menù di diagnosi
Lettura codici
Cancellare codici
I/M Readiness
Datastream
Test impianto evap
Informazioni della vettura
5/6

Test impianto evap
Prova di tenuta sistema evaporativo passata
↑ ↓ ← → OK ESC

3.6 Informazioni sul veicolo

Scegli [Vehicle Information] e verrà visualizzato come segue:

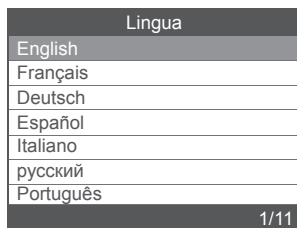
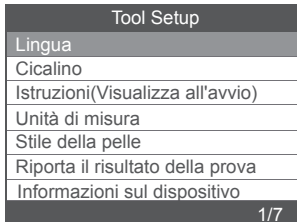
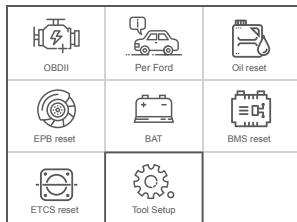
Menù di diagnosi
Lettura codici
Cancellare codici
I/M Readiness
Datastream
Test impianto evap
Informazioni della vettura
6/6

Informazioni della vettura
Vehicle Identification Number (VIN) LV5FBFAC94F020950
Calibration Identifications(CID) 000007550753
Calibration Venfication Number (CVN) B5073064
↑ ↓ ← → OK ESC

4. Impostazione dello strumento

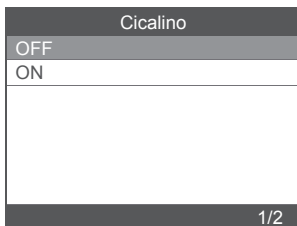
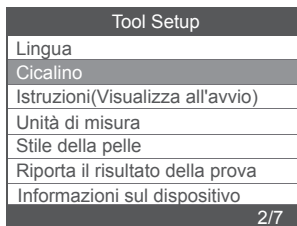
4.1 Language

Scegli [Language] e verrà visualizzato come segue:



4.2 Beeper

Scegli [Beeper] e verrà visualizzato come segue:



4.3 Istruzioni (Display at startup)

Scegli [Instructions (Display at startup)] e verrà visualizzato come segue:

Tool Setup	
Lingua	
Cicalino	
Istruzioni(Visualizza all'avvio)	
Unità di misura	
Stile della pelle	
Riporta il risultato della prova	
Informazioni sul dispositivo	
3/7	

Istruzioni(Visualizza all'avvio)	
OFF	
ON	
1/2	

4.4 Unit of measure

Scegliere Unit of measure e viene visualizzato come segue:

Tool Setup	
Lingua	
Cicalino	
Istruzioni(Visualizza all'avvio)	
Unità di misura	
Stile della pelle	
Riporta il risultato della prova	
Informazioni sul dispositivo	
4/7	

Unità di misura	
Metrico	
Imperiale	
1/2	

4.5 Skin Style

Scegliere Skin Style e viene visualizzato come segue:

Tool Setup	
Lingua	
Cicalino	
Istruzioni(Visualizza all'avvio)	
Unità di misura	
Stile della pelle	
Riporta il risultato della prova	
Informazioni sul dispositivo	
5/7	

Stile della pelle	
Grigio celeste	
Blu di gioiello	
1/2	

Warranty

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

Service Procedures

If you have any questions, please contact your local store distributor or visit our website [www. amceltech.com](http://www.amceltech.com) .

If it becomes necessary to return the scan tool for repair, contact your local distributor for more information.

OBDSpace TECHNOLOGY CO.,LTD

Address: Runfeng office longhua district Shenzhen GuangDong518000 P.R.China

Tel: 0755-81751202

E-mail: support@anceltech.com

Website: www.anceltech.com



MADE IN CHINA